

DAIRY MARKET NEWS AT A GLANCE

CME GROUP CASH MARKETS (5/22)

BUTTER: Grade AA closed at \$1.5925. The weekly average for Grade AA is \$1.6160 (+.1150).

CHEESE: Barrels closed at \$1.8900 and 40# blocks at \$1.9375. The weekly average for barrels is \$1.8305 (+.3110) and blocks, \$1.8920 (+.2945).

NONFAT DRY MILK: Grade A closed at \$1.0125. The weekly average for Grade A is \$.9895 (+.0990).

DRY WHEY: Extra grade dry whey closed at \$.3625. The weekly average for dry whey is \$.3645 (-.0325).

CHEESE HIGHLIGHTS: COVID-19 has presented cheesemakers with a metaphorical roller coaster in regards to supply, demand, production and milk availability. Cheese producers are busier. Some stocks built up in the past month are obligated to customers who bought when markets were much lower, but heavy inventories are much less of a concern as markets have shot up since one month ago. Milk supplies are lighter as dairy farmers are now culling more cattle, and weekly milk yields are declining. Spot milk prices in the Midwest were Class to \$2 over. This week marks the first time this year without a reported sub-Class III spot milk price. Week 21 has brought many variances in spot milk prices over the years. For perspective, last year's prices were \$2 under Class to \$.50 over, while in 2015, prices reached \$10 under Class. Although some contacts question longevity of market bulls, there is no other way to describe the markets right now. During April, CME prices were closer to \$1, while this week they are closing in on the \$2 mark.

BUTTER HIGHLIGHTS: The national butter market continues slowly recuperating from the effects of COVID-19. In general, butter sales into food service are gradually recovering as some restaurants slowly reopen across the country. Print butter sales into retail accounts are reported as strong. Cream churning is expected to be very active throughout the holiday weekend. Bulk butter inventories are ample and steadily building into cold storage. Across the country, this week, bulk prices are ranging from 2.0 cents below the market to 7.0 cents above

the market. Today, the CME Group's Grade AA butter spot price is \$1.5925, down \$0.0525 from last Friday.

FLUID MILK: Milk production across the country ranges from lower to steady, conditional to the locality in the United States. Many farms are on the downside of peak production, bringing closure to the flush. The mountain states of Idaho, Utah, and Colorado are the only areas where milk production levels remain strong. For the first time in 2020, there were zero sub-Class III spot milk prices reported in the Midwest region. Class I milk sales are mostly stable, with upticks in New Mexico and California. Condensed skim demand is good. Cream availability tightened to the tune of ice cream production, as thrifty butter makers, shopping for surplus loads, found current multiples unfavorable. Cream multiples for all Classes were **1.20-1.40** in the East, **1.24-1.42** in the Midwest and **.85-1.20** in the West.

DRY PRODUCTS: Low/medium nonfat dry milk spot prices are higher in a bullish market. Less milk available in the market and active Mexican buying adds to the firm conditions. Dry buttermilk prices are unchanged. Domestic demand is somewhat quiet. Dry whole milk continues to have steady pricing. Inventories are balanced to meet contractual and spot needs. Dry whey spot prices are mixed across the country. Production is stable to higher. Inventory is adequate. Whey protein prices are steady to lower. Inventories are comfortable to snug, but become more available for interchangeable brands. Lactose prices are higher. Demand from standardization and infant formula customers is solid. Casein prices are steady to lower. There is uncertainty as to expectations for future pricing.

INTERNATIONAL DAIRY MARKET NEWS: EUROPE OVERVIEW: WESTERN: Milk production in most Western European countries is near the seasonal peak. Early observations peg German milk production last week as being up 0.5 percent from the same week last year. Warmer weather and easing of COVID-19

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**DAIRY MARKET NEWS PRICE SUMMARY FOR MAY 18 - 22, 2020
PRICES (\$/LB) & CHANGES FROM PREVIOUS PUBLISHED PRICES**

Commodity	Range	Mostly	Commodity	Range	Mostly	Commodity	Range	Mostly
NDM			BUTTERMILK			LACTOSE		
Central Low/Med. Heat	0.8900 0.9950	0.9250 0.9500	Central/East	0.8300 1.0000		Central/West	0.3000 0.5500 0.3700 0.4600	
Change	0.1000 0.0800	0.1150 0.0900	Change	N.C. N.C.		Change	0.0050 0.0300 0.0100 0.0200	
Central High Heat	1.0175 1.0900		West	0.7500 0.9500 0.8800 0.9200		WPC 34%		
Change	0.0675 N.C.		Change	N.C. N.C. N.C. N.C.		Central/West	0.7500 1.1375 0.8400 1.0750	
West Low/Med. Heat	0.8350 0.9825	0.8900 0.9300	WHEY			Change	N.C. -0.0125 -0.0100 N.C.	
Change	0.0650 0.0525	0.0550 0.0300	Central	0.3425 0.3950 0.3500 0.3800		CASEIN		
West High Heat	1.0000 1.1500		Change	0.0025 -0.0150 N.C. -0.0050		Rennet	3.9200 4.0325	
Change	0.0500 0.0600		West	0.3400 0.4200 0.3600 0.4000		Change	-0.0950 -0.1625	
DRY WHOLE MILK			Change	-0.0050 0.0100 N.C. N.C.		Acid	3.8500 3.9500	
National	1.6000 1.7500		Northeast	0.3500 0.4125		Change	N.C. N.C.	
Change	N.C. N.C.		Change	N.C. 0.0025		ANIMAL FEED WHEY		
						Central	0.3000 0.3200	
						Change	N.C. -0.0100	

**DAIRY MARKET NEWS PRICE SUMMARY FOR MAY 11 - 22, 2020
PRICES (\$/MT) & CHANGES FROM PREVIOUS PUBLISHED PRICES**

Commodity	Range	Commodity	Range	Commodity	Range
SMP		WHOLE MILK POWDER		BUTTER	
W. Europe	1750 1900	W. Europe	2300 2475	W. Europe	2425 2750
Change	50 N.C.	Change	-50 -25	Change	75 150
Oceania	2550 2650	Oceania	2600 2750	Oceania	3800 3900
Change	150 150	Change	-25 -50	Change	-75 -100
S. America	2450 2650	S. America	2750 3100	BUTTEROIL	
Change	50 50	Change	100 150	W. Europe	3100 4150
WHEY				Change	N.C. 50
W. Europe	650 825			CHEDDAR CHEESE	
Change	25 N.C.			Oceania	3875 4000
				Change	-125 -400

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

restrictions are factors motivating more ordering of dairy products from the food service industry. **EASTERN:** Poland, traditionally the largest Eastern European milk producer, had 3.3 percent higher milk production January – March 2020 than the same period of 2019 according to Eurostat. Poland production percent changes YTD and YOY include cheese, +6.9, 2.2; butter, 7.7, 9.9; SMP, -12.9, -15.9; and WMP, +2.2, +13.2. **OCEANIA OVERVIEW: AUSTRALIA:** The sharp decline in passenger flights due to COVID-19 has hindered maintaining air freight dairy exports to meet contract obligations. The Australian government has begun a program to subsidize these exports by facilitating wider use of dedicated freight carrying planes. The logistics are still being worked out. While dairy trade has moved toward normal as COVID-19 concerns abate, a new dispute is developing between Australia and China, a major customer for Australian dairy exports. **NEW ZEALAND:** The end of the dairy season in New Zealand is looming closer. Milk production is near the expected low point. Dairy producers await the anticipated June 1 announcement from a large dairy cooperative of the 2020/21 seasonal milk pay price. Some agricultural bankers anticipate a reduction in the previously projected price, due to slowing global economic activity. New Zealand continues to be very dry. Hopes for more rain leading to better conditions to begin the new season are widespread. But many lenders expect struggles to continue. **SOUTH AMERICA OVERVIEW:** In Argentina and Uruguay, farm milk production is steadily improving, in line with fall seasonal patterns. Currently, milk intakes are more than enough to meet most manufacturing needs. The cream market remains firm, but butterfat supplies are slowly becoming more accessible in the market. The high price of corn and soybean, the low value of local currencies, and steady farmgate prices, have not been favorable for small dairy producers without economies of scale. Brazil's farm milk production is down. Milk intakes are less than enough to meet processors demands. COVID-19 cases are peaking up across the country. The operations for farm milk collection, milk manufacturing, and dairy product distribution, have remained relatively normal. Overall, market conditions for most dairy products have improved, compared to the previous month. Stock levels for cheese, UHT milk, and milk powder are reported as low, while prices are rising. Meanwhile, yogurt retail sales have been very active for the past two weeks.

NATIONAL RETAIL REPORT (DMN): Conventional retail ad numbers this week increased 2 percent. Organic retail ad numbers increased 4 percent. The most advertised single category/size is 48-64 oz conventional ice cream. Ad numbers increased 17 percent from last week. Ads for conventional 1# butter increased 251 percent. Conventional cheese ads increased 14 percent. Conventional yogurt ads declined 20 percent. The national weighted average advertised price for conventional milk in half gallons is \$1.97, compared with \$4.20 for organic milk half gallons. This results in an organic premium of \$2.23. Conventional milk ads decreased 30 percent, while organic milk ads increased 45 percent.

APRIL MILK PRODUCTION (NASS): Milk production in the 24 major States during April totaled 17.8 billion pounds, up 1.6 Percent from April 2019. March revised production, at 18.5 billion pounds, was up 3.0 percent from March 2019. The March revision represented an increase of 115 million pounds or 0.6 percent from last month's preliminary production estimate. Production per cow in the 24 major States averaged 2,013 pounds for April, 17 pounds above April 2019. The number of milk cows on farms in the 24 major States was 8.85 million head, 65,000 head more than April 2019, but 4,000 head less than March 2020.

APRIL COLD STORAGE (NASS): On April 30, 2020, U.S. cold storage holdings of butter totaled 368.7 million pounds, up 19 percent from the previous month and up 27 percent from April 2019. Natural American cheese holdings total 836.2 million pounds, up 8 percent from the previous month and up 7 percent from April 2019. Total natural

cheese stocks were 1.483 billion pounds, 8 percent more than last month and 6 percent above April 2019.

JUNE ADVANCED CLASS PRICES (FMMO): Under the Federal milk order pricing system, the base Class I price for June 2020 is \$11.42 per cwt, a decrease of \$1.53 per cwt when compared to May 2020. 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 \$5.99 per cwt, the Class II skim milk price is \$6.69 per cwt. Thus, the Class II nonfat solids price is \$0.7433 per pound. The two-week product price averages for June 2020 are butter \$1.2538, nonfat dry milk \$0.8395, cheese \$1.1859, and dry whey \$0.3822.

NOTICE: USDA Announces Details of Direct Assistance to Farmers through the Coronavirus Food Assistance Program, Farmers and Ranchers to Receive Direct Support for Losses Related to COVID-19.

U.S. Secretary of Agriculture Sonny Perdue announced details of the Coronavirus Food Assistance Program (CFAP), which will provide up to \$16 billion in direct payments to deliver relief to America's farmers and ranchers impacted by the coronavirus pandemic. For dairy, the total payment will be calculated based on a producer's certification of milk production for the first quarter of calendar year 2020 multiplied by a national price decline during the same quarter. The second part of the payment is based a national adjustment to each producer's production in the first quarter.

More information on this notice can be found here:

<https://www.ams.usda.gov/press-release/usda-announces-details-direct-assistance-farmers-through-coronavirus-food-assistance>

Eligibility and application information can be found here:

<https://www.farmers.gov/cfap>

CME Group, CHICAGO, IL

COMMODITY	MONDAY MAY 18	TUESDAY MAY 19	WEDNESDAY MAY 20	THURSDAY MAY 21	FRIDAY MAY 22	WEEKLY CHANGE	WEEKLY AVERAGE
CHEESE							
BARRELS	\$1.7375 (+0.0175)	\$1.7825 (+0.0450)	\$1.8525 (+0.0700)	\$1.8900 (+0.0375)	\$1.8900 (N.C.)	:: (+0.1700)	:: (+0.3110)
40 POUND BLOCKS	\$1.8150 (+0.0350)	\$1.8500 (+0.0350)	\$1.9200 (+0.0700)	\$1.9375 (+0.0175)	\$1.9375 (N.C.)	:: (+0.1575)	:: (+0.2945)
NONFAT DRY MILK							
GRADE A	\$0.9400 (+0.0050)	\$0.9850 (+0.0450)	\$0.9950 (+0.0100)	\$1.0150 (+0.0200)	\$1.0125 (-0.0025)	:: (+0.0775)	:: (+0.0990)
BUTTER							
GRADE AA	\$1.6050 (-0.0400)	\$1.6050 (N.C.)	\$1.6350 (+0.0300)	\$1.6425 (+0.0075)	\$1.5925 (-0.0500)	:: (-0.0525)	:: (+0.1150)
DRY WHEY							
EXTRA GRADE	\$0.3725 (-0.0175)	\$0.3625 (-0.0100)	\$0.3625 (N.C.)	\$0.3625 (N.C.)	\$0.3625 (N.C.)	:: (-0.0275)	:: (-0.0325)

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

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

BUTTER MARKETS

NORTHEAST

The East butter market undertone is one of optimism following the recent announcement that the USDA is exercising authority under the Families First Coronavirus Response Act to purchase up to \$3 billion of agricultural products, which includes butter. That said, food service butter orders are close to steady compared to the previous week. As an indicator of the impact of COVID-19 on butter sales, in food service channels, one data source reports that same store sales and traffic both dropped 55 percent YOY for the month of April. Butter processors seem to agree that retail orders have found another gear, thanks to the USDA box program. Sales are very strong. Production wise, some butter manufacturers are on lighter schedules and taking down time for maintenance, while less cream is available for churning. As such, market representatives hint that most offers carry higher multiple than butter processors are willing to accept. Nonetheless, spot loads did move this week, at multiples of 1.30-1.40. With the Memorial Day weekend only a few ticks away, some Class II and Class IV plants scheduled to work through the holiday weekend. Butter inventories are adequate to heavy for processors' near-term needs. Meanwhile, the wholesale bulk butter markup is steady. It ranges 1-6 cents over 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: +0.0100 - +0.0600

CENTRAL

Butter makers are reporting a variety of notes, particularly regarding cream availability to food service demand. For most, cream is tightening up noticeably. Some say offers getting traction last week are now unanswered. Others say cream is flowing somewhat steadily into churning channels. Food service demand is picking up, but still lower in relation to previous years. Retail demand is steady, and in contrast to food service, busier than in previous years. Bulk butter prices climbed this week, as markets are pushing buyers into a more active stance. Butter inventories are a concern for some producers, who question if they will fall behind orders for later in the year, particularly as cream availability has shifted. Some contacts question its longevity, but the current butter market tone is bullish.

Prices for: Central U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter
Bulk Basis Pricing - 80% Butterfat \$/LB: 0.0000 - +0.0700

WEST

In the West, the butter market continues to recoup slowly from the COVID-19 pandemic. The food service usage of butter remains poor as only a few restaurants have reopened so far, and people are still cautious about dining out, despite the ending of the quarantine at several western localities. Although bulk butter sales are good, there is presently more interest in retail butter. According to industry contacts, current orders are superseding holiday prepacks that happen at this time of the year. Butter storage spaces are more available. Outputs are active, but not as much as in the past weeks because more of the cream is being rerouted to ice cream production. Bulk butter overages are unchanged from a week ago.

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 - +0.0500

Secondary Sourced Information:

The Grade AA butter price at the CME Group on Wednesday closed at \$1.6350, compared to the weekly average price of \$1.5010 from last week.

CHEESE MARKETS

NORTHEAST

Milk supplies are tighter in the Northeast for Class III operations. Currently, cheese production is fairly stable as cheese makers are receiving adequate milk supplies and are not dealing with overflowing intakes. Manufacturers' inventories are shaping up to healthy levels, with several customers purchasing and receiving weekly orders. Food service demand is sparking up as restaurants and various businesses are opening. Mozzarella and provolone orders continue to be strong from Eastern pizzerias and Italian restaurants. Retail cheese sales are fairly stable. Numerous stores advertised cheese specials for the holiday weekend. In the Northeast, the wholesale cheese prices for both cheddar and Muenster picked up \$0.3200. In addition, the process cheese prices increased \$0.2725. The Grade A Swiss price is steady.

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

Cheddar 40 pound Block	2.0500-2.3375
Muenster	2.0375-2.3875
Process American 5 pound Sliced	1.6225-2.1025
Swiss 10-14 pound Cuts	3.3475-3.6700

MIDWEST

Cheese producers remain busy. Some relay concerns regarding falling behind current customer demand. Some Midwestern cheesemakers (namely mozzarella/provolone producers) say their East Coast customer base has come back online. Generally, though, customers across the country are filling/refilling pipelines. Milk availability has tightened. Midway through the week, there have been no sub-Class prices reported. Cheese plant managers say as recently as last week, they were receiving multiple daily spot milk loads at \$2 and \$3 under. Expectations were that the milk situation would change this week and so far, at least, they were correct. Midwestern cheese inventories are moving, when just weeks ago they were a looming concern. Cheese market tones are in a bullish fervor. As CME barrel and block prices push into the \$1.70s and \$1.80s, respectively, this time in April they were hovering just above \$1. Midwestern wholesale prices are unchanged for Swiss cuts, up \$.2725 for process and up \$.3200 for all other types.

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

Blue 5 pounds	2.2325-3.3025
Brick 5 pounds	1.9650-2.3900
Cheddar 40 pound Block	1.6875-2.0875
Monterey Jack 10 pounds	1.9400-2.1450
Mozzarella 5-6 pounds	1.7650-2.7100
Muenster 5 pounds	1.9650-2.3900
Process American 5 pound Loaf	1.6075-1.9675
Swiss 6-9 pound Cuts	2.8625-2.9800

WEST

Western cheese contacts are finding the disruption to markets both fascinating and frustrating. Through the course of the COVID-19 pandemic, ambiguous supply and demand models leave market participants searching for divination. Industry contacts suggest cheese plants are not idled or shut down, but running near capacity. However, manufacturers are cautious and are not eager to run full out either. Market uncertainty is prompting a few processors to hold back on production. In some cases, they are limiting fortification efforts. The surges in food service demand and government purchases are clearing out available cheese stocks. While warehouse inventories are heavy, much of the supply is committed to purchases made at lower prices and set to ship during the next few months. Buyers are dis-

mayed that cheese stocks, orphaned for a time due to the evaporation of food service demand, have been sold. The few, exiguous loads of cheese that are available to purchase are priced at market prices that are now much higher than a few weeks ago.

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

Cheddar 10 pound Cuts	1.9250-2.1250
Cheddar 40 pound Block	1.6775-2.1675
Monterey Jack 10 pounds	1.9125-2.1875
Process American 5 pound Loaf	1.6250-1.8800
Swiss 6-9 pound Cuts	2.9450-3.3750

FOREIGN TYPE

In Germany, the food retail service demands for sliced cheese have picked up and almost normalized. Intakes from large customers have augmented following the easing of measures taken to contain the COVID-19 pandemic. Although total domestic sales of cheese have not yet reached pre-pandemic levels, they are higher compared to the past few weeks. Southern Europeans are ordering more cheese from Germany as well. Unlike in previous weeks, the pressure to clear excess cheese supplies has partially subsided. Cheese production has declined a bit. Prices are on a recovery mode, so they are not as low as in the prior weeks. However, they are still inconsistent. According to contacts, the most affordable loads of cheese are being sold faster. U.S. domestic prices for blue, gorgonzola, parmesan, and Romano are up \$.3200, whereas other cheese prices in the table below are unchanged.

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

VARIETY	NEW YORK IMPORTED	DOMESTIC
Blue	2.6400-5.2300	2.1100-3.5975*
Gorgonzola	3.6900-5.7400	2.6175-3.3350*
Parmesan	-0-	3.4975-5.5875*
Romano	-0-	3.3000-5.4550*
Sardo Romano (Argentina)	2.8500-4.7800	-0-
Reggiano (Argentina)	3.2900-4.7800	-0-
Jarlsberg	2.9500-6.4500	-0-
Swiss	-0-	3.3850-3.7075
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
05/18/2020	82681	93826
05/01/2020	84373	90978
CHANGE	-1692	2848
% CHANGE	-2	3

FLUID MILK AND CREAM

EAST

Northeast milk production is past its peak on farms. Milk supplies continue to tighten in the area. Class I sales are stable. Foodservice and retail demands are healthy. **Mid-Atlantic** milk is tight. The majority of milk is clearing to Class I needs. **Southeast** milk production is flat. Market participants report moving additional loads to manufacturing plants this week. In addition, industry contacts report little to no milk transportation issues. **Florida** milk output has dropped. Temperatures continue to warm up, taking a toll on cow comfort. Milk managers report stable Class I sales. **Cream** supplies are tight in the East. Some butter churns are running on shorter schedules due to limited cream. Ice cream production continues to run strong, and cream cheese processing is fairly active in some operations. Cream multiples are higher. Manufacturers' condensed skim demands have picked up.

Northeastern U.S., F.O.B. Condensed Skim	
Price Range - Class II; \$/LB Solids:	0.60 - 0.85
Price Range - Class III; \$/LB Solids:	0.55 - 0.75
Northeastern U.S., F.O.B. Cream	
Multiples Range - All Classes:	1.2000 - 1.4000
Price Range - Class II; \$/LB Butterfat:	1.8012 - 2.1014

MIDWEST

Farm milk output is atypically lower in the latter portion of the 2020 spring season. Cow culling has affected yields, while weather has been generally comfortable. Some farmer contacts have relayed lower component levels for months and that remains to be the case. Bottlers report little changes. For the first time in 2020, there were zero sub-Class III spot milk prices reported in the Midwest region. Cheesemakers are busier across the board, and milk availability is being stretched thinner by the week. **Cream** is in a similar position. Ice cream and cream cheese makers have noticeably been pulling down cream pools. Hence, some butter makers have relayed cream is becoming out of their fiscal reach. Corn planting has gone exceptionally smoother this year. A majority of corn is reportedly in the ground in the upper Midwest. Some precipitation last weekend caused delays in some pockets, and there is some more rain forecasted in the ten-day forecast, which could delay planting further. First cuttings of hay in the lower portion of the Central region are reportedly mixed, depending on precipitation or lack thereof. Winter wheat harvest preparations are underway. Winter wheat yield expectations in Texas, Kansas and Oklahoma are lower than they were in 2019.

Price Range - Class III Milk; \$/CWT; Spot Basis:	0.00 - +2.00
Trade Activity: Active	
Midwestern U.S., F.O.B. Cream	
Multiples Range - All Classes:	1.2400 - 1.4200
Price Range - Class II; \$/LB Butterfat:	1.9513 - 2.1314
Multiples Range - Class II:	1.3000 - 1.4200

WEST

California milk production is a bit down compared to last week. Many farmers hit their peak flush production in Mid-April. A few processors say that they are transitioning their outputs to preferred product mixes. Some are selling a few spot loads of milk, but could process all their supplies if needed. The market is slowly regaining its balance in California. Supplies of milk are more manageable now. Class I deliveries are steady to slightly up. Milk output in **Arizona**

continues to decrease as it usually does around this time of the year. Total intakes are increasing with more businesses reentering the market after the quarantine. Nonetheless, there are enough loads of milk to meet all processing requirements. Class I sales are steady to a bit up. Manufacturing plants remain busy, but not as much as in the previous weeks. In **New Mexico**, according to industry contacts, Class I orders have significantly increased for the first time in weeks. Class II sales are close to stable, whereas Class III demands are higher. Milk supplies are more manageable and balancing needs are down. As many businesses resume their activities post-quarantine, market conditions are returning to normal. **Pacific Northwest** milk production is stable. Industry contacts say milk intakes are still in good balance with processing needs. Manufacturers are running normal schedules. Bottling demand is steady. Favorable weather is aiding cow comfort and spring planting. However, farmers have some concerns about potential drought conditions developing across the region. In the mountain states of **Idaho, Utah, and Colorado**, milk production is strong. Contacts suggest that much of the excess milk and cream that was common several weeks ago has disappeared. Although discounted loads are present, supplies are in better balance. Manufacturers are running full production schedules. According to the *NASS Milk Production* report, the dairy herd added cow numbers from last year. And with higher production per cow milk, production is continuing to show strong growth in the mountain states. Western **Condensed skim** sales are steady, but are still lower than expected for a few manufacturers. Some of them report not needing to sell in the spot market as they can manage their own supplies. Drying is active. **Cream** supplies are steady to declining depending on the suppliers. The butterfat contents of milk are declining, aided by warmer weather conditions. Many loads of cream are moving to ice cream production, but remain available for the making of butter. Cream multiples for all Classes are higher at the bottom of the range.

Western U.S., F.O.B. Cream	
Multiples Range - All Classes:	0.8500 - 1.2000

Secondary Sourced Information:

Milk pooled on the Pacific Northwest Order 124 totaled 621.6 million pounds in April 2020. Class I utilization accounted for 22.25 percent of producer milk. The uniform price was down \$2.96 from last month, but \$2.96 below the same month a year ago.

Milk pooled on the Arizona Order 131 totaled 441.4 million pounds in April 2020. Class I utilization accounted for about 21.8 percent of producer milk. The uniform price was down \$3.23 from last month, and \$3.10 below the same month a year ago.

The *NASS Milk Production* report noted April 2020 milk production in the 24 selected states was 17.8 billion pounds, 1.6 percent up from a year ago. Milk cows in the 24 selected states totaled 8.85 million head, 65,000 head more 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:

April 2020 Milk Production, (USDA-NASS)

	(Million Lb.)	% Change From 1 Year Ago
Arizona	428	+ 1.2
California	3,504	+ 0.3
Colorado	420	+ 7.1
Idaho	1,359	+ 6.3
New Mexico	693	- 0.3
Oregon	219	+ 1.9
Utah	192	+ 1.6
Washington	571	+ 1.2

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 (NDM) prices firmed with a decisiveness. For weeks, spot market trading in the region has trailed CME market prices. However, this week, nearly all reported spot prices were firmly in the \$.90s. Less milk available in the market and active Mexican buying are adding to the bullish swing. Another bullish factor contacts point to is that cheesemakers, who reported zero sub-Class III milk prices for the first time this year, may be looking into more NDM for fortification. High heat NDM prices shifted higher on the bottom end of the price range. High heat trading in the region is quiet. Overall, NDM market tones are resolutely bullish.

EAST: Nonfat dry milk (NDM) prices climbed sharply this week in support of what some call a bullish rally. However, there is some skepticism of how long the rally will last, as those participants wait on lower priced NDM offers. Hence, buyers are shopping, with immediate needs in mind, as actual trades have been fairly irregular in the spot markets this week. Eastern NDM manufacturers corroborate the decline in NDM production levels, as milk production regresses and available condensed skim circumvents the drying process, clearing to ice cream. It's unlikely the drop-off in NDM production will have much impact on the supply side, since stocks are more than sufficient for near term commitments, with adequate excess NDM for spot sales. High heat NDM markets are seeing limited trades take place between spot sellers/buyers. Prices shifted higher at the bottom of the range. With reductions in milk intakes, some manufacturers have scheduled high heat production runs to refill holdings.

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: .8900 - .9950
Mostly Range - Low & Medium Heat; \$/LB: .9250 - .9500

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: 1.0175 - 1.0900

NONFAT DRY MILK - WEST

In the West, low/medium heat nonfat dry milk prices are trending up on the range and on the mostly series. Although inventories seem tighter than in previous weeks, some contacts believe that this is because several key processors are postponing selling available supplies, giving a sense of shortage, as they hope that this will drive prices up. Meanwhile, many buyers who could not find enough spot loads directly from their traditional suppliers, had to fill their needs through other means. With the progressive reopening of many businesses, low/medium heat nonfat dry milk sales, both in the domestic and international markets, have picked up. Condensed skim processing is active and mostly steady compared to last week. High heat nonfat dry milk prices are increasing on both ends of the range. Inventories are tighter, whereas sales are unchanged. Production remains irregular. Overall, the market tone for nonfat dry milk is firming.

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: .8350 - .9825
Mostly Range - Low & Medium Heat; \$/LB: .8900 - .9300

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: 1.0000 - 1.1500

DRY BUTTERMILK - CENTRAL AND EAST

CENTRAL: Prices of buttermilk powder are unchanged. Even with no price changes to note, more trading in the Central region is above \$.90. Butter makers have said they are looking at churning contracted cream supplies or microfixing bulk butter as spot cream prices are pushing beyond their financial comfort zone. Dry buttermilk production is limited. As nonfat dry milk markets strengthen, production tends to favor condensed skim drying. Dry buttermilk market tones are steady to bullish.

EAST: Dry buttermilk prices are steady this week. Regional stocks are seasonally lower as butter operations compete for available cream with Class II and dryer operations compete for condensed buttermilk with ice cream. Apart from fulfilling of regular customer dry buttermilk orders, the market is sluggish. Spot trading is limited by offerings and demand. Buyers are more successful buying dry buttermilk spot loads outside the region. The dry buttermilk market tone is steady.

Prices for: Eastern and Central U.S., All First Sales, F.O.B., Conventional, and Edible Buttermilk
Price Range ; \$/LB: .8300 - 1.0000

DRY BUTTERMILK - WEST

In the West, f.o.b. prices for dry buttermilk are the same as last week. Trading activities in the domestic and international markets are stable. The majority of requests are to satisfy contractual needs. Spot market activities are limited. Condensed buttermilk drying is irregular as nonfat dry milk production remains the priority for many processors. Nonetheless, dry buttermilk stocks are readily available to fill all needs. The market undertone is even.

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

Price Range ; \$/LB: .7500 - .9500
Mostly Range - ; \$/LB: .8800 - .9200

DRY WHOLE MILK - U.S.

National dry whole milk spot prices have been stable for the past few weeks and this week is no exception. For some processors, dry whole milk cash prices are likely to slightly increase during the upcoming weeks, as components values continue strengthening. Drying schedules for condensed milk are limited as several processors are prioritizing NDM/SMP output over dry whole milk. Nationwide, dry whole milk inventories are reported as balanced to meet contract requirements and to cover buyers' immediate needs in the spot market.

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

Price Range - 26% Butterfat; \$/LB: 1.6000 - 1.7500

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 Central region dry whey price range narrowed this week on steady trading. The top of the mostly price series shifted slightly lower. End users in the region still reported somewhat quiet offers, but market sentiment is facing some pressure. As more cheese producers are back online, many contacts expect dry whey availability to increase. Currently, however, end users are still reporting somewhat limited offers. They, however, are also not overly eager to take on the extra loads as a number are relaying their current stores are balanced to plentiful. The top price of animal feed whey slid one penny on slow trading. Dry whey market tones are slightly uncertain with the potential of more loads entering the spot market fray.

Prices for: Central U.S., All First Sales, F.O.B., Conventional, and Non-Edible Dry Whey
Price Range - Animal Feed; \$/LB: .3000 - .3200

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: .3425 - .3950
Mostly Range - Non-Hygroscopic; \$/LB: .3500 - .3800

DRY WHEY-NORTHEAST

Eastern dry whey prices are higher on the top of the price range on moderate trading activity. Buyer demands continue to be healthy. Numerous market participants receive weekly loads. Industry contacts report a balance between manufacturers' supplies and buyers' needs. There are reports export demand is improving. Dry whey production is mixed, as tighter milk supplies are clearing to other Class' immediate needs. Inventories are fairly healthy and are adequate to fulfill weekly contract and spot load requests. On the CME Group, dry whey spot prices have pulled back a bit this week. Market conditions are mostly stable in the region.

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: .3500 - .4125

DRY WHEY-WEST

The price range expanded for Western whey with the top of the range moving higher and the bottom easing back. Manufacturers suggest whey is still moving well through current contracts, but the volume sold on the spot market has tapered off. As food service demand for cheese has increased, the resulting cheese and dry whey production has picked up. In addition, some contacts suggest a few manufacturers are making more whey and less of the higher whey protein concentrations. As a result, dry whey is more available.

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: .3400 - .4200
Mostly Range - Non-Hygroscopic; \$/LB: .3600 - .4000

WHEY PROTEIN CONCENTRATE

Whey protein concentrate 34% prices are steady to lower. While the prices are unchanged at the bottom of the price range and the top of the mostly price series, they moved lower at the top of the range and bottom of the mostly price series. Industry contacts suggest market activity was quiet this week, as market participants digest the price movements of the nonfat dry milk market. Some contacts are hopeful that increases in the NDM price can support prices for WPC34% that is more interchangeable with other dairy proteins. Demand for WPC34% that meets infant formula requirements is still strong, but supplies are limited. Manufacturers suggest sports nutrition demand is more subdued, as gyms are slow to open and regain normal activity levels. With increasing food service demand for cheese, production of WPC 34% has picked up.

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 - 1.1375
Mostly Range - 34% Protein; \$/LB: .8400 - 1.0750

LACTOSE

Prices for lactose moved up, pulled along by higher spot market prices. Lactose production is steady, but below that of previous years, and inventories are tight. Industry contacts say much of the current production for lactose is committed, making available spot loads harder to find. In addition, manufacturers report end users are looking for larger volumes, earlier shipment dates and are eager to get Q3 contracts in place to assure coverage for the second half of the year. Demands within infant formula, standardization and animal feed market channels are all strong. There is an underlying fear that some buyers are stockpiling lactose for future market needs and demand might wane, and prices fall, at the end of 2020 and in the early months of 2021.

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: .3000 - .5500
Mostly Range - Non Pharmaceutical; \$/LB: .3700 - .4600

CASEIN

Rennet casein prices are lower. Acid casein prices are steady and spot markets are quiet. Some traders expect New Zealand acid casein prices to soften in coming months. For now, sellers are holding to current pricing. Rennet casein tends to be a Western European production emphasis. Production is nearing typical seasonal highs, although this year, some manufacturers are currently prioritizing drying skim milk powder.

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: 3.8500-3.9500
Rennet; Price Range - \$/LB: 3.9200-4.0325

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

WEEK ENDING	2020 WEEKLY DAIRY COWS	2020 CUMULATIVE DAIRY COWS	2019 WEEKLY DAIRY COWS	2019 CUMULATIVE DAIRY COWS
05/09/2020	56.8	1,227.0	57.8	1,250.4

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

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

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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
2019	13.96	13.89	15.04	15.96	16.38	16.27	17.55	17.60	18.31	18.72	20.45	19.37

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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
2019	15.48	15.86	15.71	15.72	16.29	16.83	16.90	16.74	16.35	16.39	16.60	16.70

FEDERAL MILK ORDER CLASS PRICES FOR 2020 (3.5% Butterfat)

CLASS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
I (BASE)	19.01	17.55	17.46	16.64	12.95	11.42						
II	17.05	16.84	16.75	13.87								
III	17.05	17.00	16.25	13.07								
IV	16.65	16.20	14.87	11.40								

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

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

WEEK ENDING	BUTTER	CHEESE 40# BLOCKS	CHEESE BARRELS 38% MOISTURE	DRY WHEY	NDM
05/16/2020	1,3141 4,204,886	1,2197 11,316,315	1,2043 12,605,885	3,845 5,696,232	8,388 24,351,906

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

CME GROUP, INC FUTURES

Selected settling prices

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

DATE	05/15	05/18	05/19	05/20	05/21
MAY 20	12.24	12.24	12.27	12.29	12.20
JUN 20	16.85	16.66	17.28	17.71	17.63
JUL 20	16.82	16.25	16.82	17.14	17.06

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

DATE	05/15	05/18	05/19	05/20	05/21
MAY 20	10.65	10.61	10.61	10.61	10.71
JUN 20	13.06	12.86	13.50	13.35	13.37
JUL 20	13.75	13.63	14.38	14.25	14.19

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

DATE	05/15	05/18	05/19	05/20	05/21
MAY 20	127.23	127.23	127.50	127.50	132.50
JUN 20	165.00	163.50	168.50	168.53	168.35
JUL 20	170.00	168.25	172.25	171.30	172.75

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

DATE	05/15	05/18	05/19	05/20	05/21
MAY 20	85.78	85.00	85.00	85.03	85.00
JUN 20	94.28	93.75	97.75	97.80	98.88
JUL 20	98.53	99.00	103.00	102.90	104.00

WHEY (Electronic-Traded) (¢/lb)

DATE	05/15	05/18	05/19	05/20	05/21
MAY 20	37.85	37.85	37.85	37.50	37.98
JUN 20	36.80	36.50	36.50	36.50	36.50
JUL 20	37.78	37.60	37.50	37.08	37.08

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

DATE	05/15	05/18	05/19	05/20	05/21
MAY 20	1.32	1.32	1.32	1.32	1.31
JUN 20	1.79	1.76	1.83	1.86	1.86
JUL 20	1.77	1.72	1.78	1.81	1.80

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

INTERNATIONAL DAIRY MARKET NEWS - EUROPE

Information gathered May 11 - 22, 2020

Prices are U.S. \$/MT, F.O.B. port. Information gathered for this report is from trades, offers to sell, and secondary data. This bi-weekly report may not always contain the same products and/or regions. Future reports may be included or withdrawn depending on availability of information. MT = metric ton = 2,204.6 pounds.

WESTERN OVERVIEW

Milk production in most Western European countries is near the seasonal peak. Early observations peg German milk production last week as being up 0.5 percent from the same week last year. Warmer weather and easing of COVID-19 restrictions are factors motivating more ordering of dairy products from the food service industry.

January – March 2020 milk production in the EU increased 2.9 percent YTD compared with January – March 2019 according to Eurostat. March 2020 production increased 1.7 percent from March 2019. YTD German production increased 1.9 percent; France increased 2.1 percent; Italy increased 4.0 percent; Netherlands increased 3.8 percent; and Ireland increased 3.6 percent.

January – March 2020 cheese production in the EU increased 2.5 percent YTD compared with January – March 2019 according to Eurostat. March 2020 production increased 2.1 percent from March 2019. Cheese production percent changes in some countries YTD and YOY include Germany, +5.7, +6.1 percent; France, +1.8, +0.9 percent; Italy, 0.0, +1.1; and Netherlands, -3.6, -3.6.

January – March 2020 cheese exports from the EU, 232,000 MT, increased 11.0 percent YTD according to CLAL data made available to USDA.

Applications for Private Storage Aid (PSA) for cheese during the second week of the current program, May 11 – 17, 2020, totaled 6,040 MT according to Eucolait. The total amount of cheese in PSA is 34,384 MT, 34 percent of the fill rate.

EASTERN OVERVIEW

Poland, traditionally the largest Eastern European milk producer, had 3.3 percent higher milk production January – March 2020 than the same period of 2019 according to Eurostat. Poland production percent changes YTD and YOY include cheese, +6.9, 2.2; butter, 7.7, 9.9; SMP, -12.9, -15.9; and WMP, +2.2, +13.2.

BUTTER

Western European butter prices moved higher. Butteroil prices are steady to higher. Easing of COVID-19 restrictions in some EU countries, May religious holidays, and asparagus season all combined to spur demand for packaged butter.

Bulk butter demand has also increased through Q2 and Q3. Industrial customers are expanding production of products using butter. Q2 production is increasingly committed. Q3 contracts are under active discussion but are slower to close because sellers and buyers have different pricing expectations.

Applications for Private Storage Aid (PSA) for butter during the second week of the current program, May 11 – 17, 2020, totaled 8,989 MT according to Eucolait. The total amount of butter in PSA is 24,332 MT.

Western Europe, 82% Butterfat, Free on Board - Port Butter Price Range - \$/MT: 2,350 - 2,600

Western Europe, 99% Butterfat, Free on Board - Port Butteroil Price Range - \$/MT: 3,100 - 4,100

Secondary Sourced Information:

Butter production in the EU increased 2.2 percent January – March 2020 compared with January – March 2019 according to Eurostat. March 2020 butter production increased 5.1 percent YOY. Butter production percent changes in some countries YTD and YOY include Germany, +0.9, +3.7 percent; France, +4.8, +8.8 percent; Italy, +0.2, -0.3; Netherlands, -5.4, -7.1; and Ireland, -1.0, +2.7.

January – March 2020 butter exports from the EU, 68,000 MT, increased 70.5 percent YTD according to CLAL data made available to USDA.

SKIM MILK POWDER

Skim milk powder prices in Western Europe increased at the low end of the price range, but remained steady at the top. Demand for SMP is called constant. Some buyers have decided they would like to secure current pricing in the long run. There are now contracting discussions underway through Q4 2020. In some cases, buyers are seeking to contract into 2021. Of course, sellers are less motivated to lock in current pricing so far in advance. Still, some contracts through this year are finalized with a bit of a premium to current prices for deliveries later in 2020.

Applications for Private Storage Aid (PSA) for SMP during the second week of the current program, May 11 – 17, 2020, totaled 2,177 MT according to Eucolait. The total amount of SMP in PSA is 3,377 MT.

Prices for: Europe, All First Sales, Free on Board - Port, Conventional, and Edible Skim Milk Powder Price Range - 1.25% Butterfat; \$/MT: 1,750 - 1,900

Secondary Sourced Information:

SMP production in the EU decreased 0.1 percent January – March 2020 compared with January – March 2019 according to Eurostat. March 2020 butter production decreased 3.7 percent YOY. SMP production percent changes in some countries YTD and YOY include Germany, +1.6, -2.9 percent; France, +6.0, -0.9 percent; and Netherlands, +26.2, +25.0.

January – March 2020 SMP exports from the EU, 198,000 MT, decreased 24.3 percent YTD according to CLAL data made available to USDA.

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INTERNATIONAL DAIRY MARKET NEWS - EUROPE

Information gathered May 11 - 22, 2020

Prices are U.S. \$/MT, F.O.B. port. Information gathered for this report is from trades, offers to sell, and secondary data. This bi-weekly report may not always contain the same products and/or regions. Future reports may be included or withdrawn depending on availability of information. MT = metric ton = 2,204.6 pounds.

CONTINUED FROM PAGE 8**DRY WHEY**

Western European whey prices are slightly higher at the bottom of the price range, but steady at the top. Sources note that whey powder availability is more limited recently. This is attributed to a manufacturer preference for drying skim milk powder right now. The overall market for food grade whey is considered stable.

Prices for: Western Europe, All First Sales, Free on Board - Port, Conventional, and Edible Dry Whey

Price Range - Non-Hygroscopic; \$/MT: 650 - 825

Secondary Sourced Information:

January – March 2020 whey exports from the EU, 180,000 MT, increased 8.4 percent YOY according to CLAL data made available to USDA.

WHOLE MILK POWDER

Whole milk powder prices in Western Europe are slightly lower. Pricing is inconsistent within the EU. Sources describe the market as moving smoothly. Export demand outside the EU presents few opportunities. The focus of production is sales within the EU.

Prices for: Europe, All First Sales, Free on Board - Port, Conventional, and Edible Whole Milk Powder

Price Range - 26% Butterfat; \$/MT: 2,300 - 2,475

Secondary Sourced Information:

WMP production in the EU increased 10.5 percent January – March 2020 compared with January – March 2019 according to Eurostat. March 2020 WMP production increased 11.3 percent YOY. WMP production percent changes in some countries YTD and YOY include Netherlands, +20.7, +9.4; Germany, -1.3, +17.7 percent; and France, +17.2, +21.9.

January – March 2020 WMP exports from the EU, 74,000 MT, increased 6.0 percent YTD according to CLAL data made available to USDA.

INTERNATIONAL DAIRY MARKET NEWS - OCEANIA

Information gathered May 11 - 22, 2020

Prices are U.S. \$/MT, F.O.B. port. Information gathered for this report is from trades, offers to sell, and secondary data. This bi-weekly report may not always contain the same products and/or regions. Future reports may be included or withdrawn depending on availability of information. MT = metric ton = 2,204.6 pounds.

OCEANIA DAIRY MARKET OVERVIEW

AUSTRALIA:

Air freight dairy product exports from Australia to some countries in Asia typically occur on airplanes also carrying passengers. The sharp decline in passenger flights due to COVID-19 has hindered maintaining air freight dairy exports to meet contract obligations. The Australian government has begun a program to subsidize these exports by facilitating wider use of dedicated freight carrying planes. The logistics are still being worked out.

While dairy trade has moved toward normal as COVID-19 concerns abate, a new dispute is developing between Australia and China, a major customer for Australian dairy exports. Sources in Australia express concern with comments from some Chinese officials, suggesting that China may impose tariffs and other restrictive measures on Australian dairy exports to China if Australia does not back down from seeking an investigation into the origins of COVID-19. Discussions are believed to be underway in an attempt to prevent deterioration of trade relationships.

NEW ZEALAND:

The end of the dairy season in New Zealand is looming closer. Milk production is near the expected low point. Dairy producers await the anticipated June 1 announcement from a large dairy cooperative of the 2020/21 seasonal milk pay price. Some agricultural bankers anticipate a reduction in the previously projected price, due to slowing global economic activity.

New Zealand continues to be very dry. Hopes for more rain leading to better conditions to begin the new season are widespread. But many lenders expect struggles to continue.

An annual dairy industry event in New Zealand is Moving Day. That is when many share milkers move cows, equipment, and families, to new farms. This year COVID-19 has led to requiring additional measures to be taken. Records must be kept of everyone involved in moves to permit contact tracing if needed. It is recommended that cows being moved, not be milked during the journey so drying cows is typical.

BUTTER/BUTTEROIL

Butter prices in Oceania are lower. Various factors have converged to weaken prices. The continuing disparity with lower European butter prices has refocused some buying interest to Western Europe, where heavy butter supplies have sent some inventories into government funded Private Storage Aid (PSA) programs. Manufacturers in Western Europe are motivated to make deals. Recent demand from North Asia and Southeast Asia has weakened. Those areas are typically active buyers of Oceania butter. Finally, spot market demand for Oceania butter is low overall.

Oceania, 82% Butterfat, Free on Board - Port Butter
Price Range - \$/MT: 3,800 - 3,900

Secondary Sourced Information:

At GDT event 260 on May 19, the butter all contracts price, \$3,803, decreased 1.9 percent. The July contract, \$3,800, decreased 2.1 percent. The June contract did not trade.

Australian exports of butter July 2019 – March 2020, 6,231 MT, compared with July 2018 – March 2019, decreased 37.5 percent according to Dairy Australia. January – March 2020 exports of butter, 2,700 MT, decreased 51.8 percent YOY according to CLAL data made available to USDA.

SKIM MILK POWDER

Oceania skim milk powder prices for product manufactured in the region strengthened. Dairy manufacturing export buyers are seeking to make up for lower purchases during the height of COVID-19. Renewed economic activity in China and Asia has fueled the stronger late season buying interest.

Prices for: Oceania, All First Sales, Free on Board - Port, Conventional, and Edible Skim Milk Powder
Price Range - 1.25% Butterfat; \$/MT: 2,550 - 2,650

Secondary Sourced Information:

At GDT event 260 on May 19, the SMP all contracts price, \$2,549, increased 6.7 percent. The June contract, \$2,644, increased 9.0 percent

Australian exports of SMP July 2019 – March 2020, 77,238 MT, compared with July 2018 – March 2019, decreased 36.2 percent according to Dairy Australia. January – March 2020 exports of SMP, 33,000 MT, decreased 25.2 percent YOY according to CLAL data made available to USDA.

CHEESE

Cheddar prices in Oceania declined. Sources note that more late season Oceania cheddar has recently become available for sale. Oceania cheddar is showing signs of longer stocks due to lower buying volumes from food service accounts.

Prices for: Oceania Cheese, Cheddar, 39% Maximum Moisture, Free on Board - Port,
Price Range - \$/MT: 3,875 - 4,000

Secondary Sourced Information:

At GDT event 260 on May 19, the cheddar all contracts price, \$3,864, decreased 6.0 percent. The June contract, \$3,880, decreased 3.0 percent.

Australian exports of other cheese July 2019 – March 2020, 27,958 MT, compared with July 2018 – March 2019, decreased 24.6 percent according to Dairy Australia.

January – March 2020 Australian exports of cheese, 37,000 MT, increased 2.2 percent YOY according to CLAL data made available to USDA.

CONTINUED ON PAGE 8C

INTERNATIONAL DAIRY MARKET NEWS - OCEANIA

Information gathered May 11 - 22, 2020

Prices are U.S. \$/MT, F.O.B. port. Information gathered for this report is from trades, offers to sell, and secondary data. This bi-weekly report may not always contain the same products and/or regions. Future reports may be included or withdrawn depending on availability of information. MT = metric ton = 2,204.6 pounds.

CONTINUED FROM PAGE 8B**WHOLE MILK POWDER**

Oceania whole milk powder prices are slightly lower. The decline is considered more of a trading fluctuation, not a new trend. In fact, more New Zealand WMP recently became available in spot markets to move along higher WMP production during the last two months than had been expected. With the milk production season nearing the end, manufacturers wanted to clear uncommitted inventories. Sources view the relatively modest price decline as an indicator of overall steady demand for New Zealand WMP.

Prices for: Oceania, All First Sales, Free on Board - Port, Conventional, and Edible Whole Milk Powder

Price Range - 26% Butterfat; \$/MT: 2,600 - 2,750

Secondary Sourced Information:

At GDT event 260 on May 19, the WMP all contracts price, \$2,677, decreased 0.5 percent. The June contract, \$2,621, decreased 0.5 percent.

Australian exports of WMP July 2019 – March 2020, 35,719 MT, compared with July 2018 – March 2019, decreased 9.1 percent according to Dairy Australia. January – March 2020 exports of WMP, 11,000 MT, decreased 4.0 percent YOY according to CLAL data made available to USDA.

INTERNATIONAL DAIRY MARKET NEWS - SOUTH AMERICA

Information gathered May 11 - 22, 2020

Prices are U.S. \$/MT, F.O.B. port. Information gathered for this report is from trades, offers to sell, and secondary data. This bi-weekly report may not always contain the same products and/or regions. Future reports may be included or withdrawn depending on availability of information. MT = metric ton = 2,204.6 pounds.

SOUTH AMERICA OVERVIEW

In Argentina and Uruguay, farm milk production is steadily improving, in line with fall seasonal patterns. Currently, milk intakes are more than enough to meet most manufacturing needs. The cream market remains firm, but butterfat supplies are slowly becoming more accessible in the market. The high price of corn and soybeans, the low value of local currencies, and steady farmgate prices, have not been favorable for small dairy producers without economies of scale.

In Brazil, farm milk production is down. Milk intakes are less than enough to meet processors' demands. COVID-19 cases are peaking up across the country. Nevertheless, the operations for farm milk collection, milk manufacturing, and dairy product distribution have remained relatively normal. Overall, from sellers' perspectives, market conditions for most dairy products have improved as supply is generally below customers' demands. Stock levels for cheese, UHT milk, and milk powder are reported as low, while prices are rising. Meanwhile, yogurt retail sales have been very active for the past two weeks.

Secondary Sourced Information:

At the GDT Event 260 on May 19, whole milk powder (WMP) prices across all contract periods averaged \$2,677 per metric ton, down 0.5 percent from the last event.

SKIM MILK POWDER

In the Southern Cone of South America, skim milk powder (SMP) free on board export prices are higher, in line with upward trends at some offshore auctions. A few export sales within Mercosur, particularly from Argentina/Uruguay to Brazil, pushed up the top of the price range. In the same fashion, moderate export trading to Algeria pulled higher the low-end price of the range. SMP demand has strengthened throughout the past two weeks, but inventories seem committed thru near future contracts. SMP production is very limited as most of the drying time is spent in manufacturing WMP.

Prices for: South America, All First Sales, Free on Board - Port, Conventional, and Edible Skim Milk Powder
Price Range - 1.25% Butterfat; \$/MT: 2,450 - 2,650

Secondary Sourced Information:

At the GDT Event 260 on May 19, skim milk powder (SMP) prices across all contract periods averaged \$2,549 per metric ton, up 6.7 percent from the last event.

WHOLE MILK POWDER

In the Southern Cone region of the continent, free on board export prices for whole milk powder (WMP) adjusted higher to reflect the current bullish market conditions inside and outside the Mercosur bloc. The bottom of the pricing range is reflecting moderate exports to Algeria, while the top is mirroring light Brazilian imports mainly from Uruguay and Argentina. Overall, there are some glimpses of optimism among industry participants, as buyers are more confident to buy regardless of COVID-19 pressure in the market. WMP production is limited and inventories are slightly lower.

Prices for: South America, All First Sales, Free on Board - Port, Conventional, and Edible Whole Milk Powder
Price Range - 26% Butterfat; \$/MT: 2,750 - 3,100

April Milk Production

Milk production in the 24 major States during April totaled 17.8 billion pounds, up 1.6 Percent from April 2019. March revised production, at 18.5 billion pounds, was up 3.0 percent from March 2019. The March revision represented an increase of 115 million pounds or 0.6 percent from last month's preliminary production estimate.

Production per cow in the 24 major States averaged 2,013 pounds for April, 17 pounds above April 2019.

The number of milk cows on farms in the 24 major States was 8.85 million head, 65,000 head more than April 2019, but 4,000 head less than March 2020

April 2020 Milk Cows and Milk Production, by States

State	Milk Cows ¹		Milk per Cow ²		Milk Production ²		Change from 2019
	2019	2020	2019	2020	2019	2020	
	(thousands)		(pounds)		(million pounds)		(percent)
AZ	198	198	2,135	2,160	423	428	1.2
CA	1,726	1,722	2,025	2,035	3,495	3,504	0.3
CO	182	194	2,155	2,165	392	420	7.1
FL	116	115	1,785	1,785	207	205	-1.0
GA	83	82	1,890	1,890	157	155	-1.3
ID	618	647	2,070	2,100	1,279	1,359	6.3
IL	84	82	1,810	1,870	152	153	0.7
IN	179	176	1,960	1,990	351	350	-0.3
IA	219	219	2,020	2,050	442	449	1.6
KS	163	170	1,965	1,965	320	334	4.4
MI	425	428	2,235	2,255	950	965	1.6
MN	448	445	1,835	1,855	822	825	0.4
NM	321	330	2,165	2,100	695	693	-0.3
NY	627	626	2,020	2,055	1,267	1,286	1.5
OH	250	253	1,830	1,840	458	466	1.7
OR	122	125	1,760	1,750	215	219	1.9
PA	495	485	1,755	1,820	869	883	1.6
SD	123	129	1,835	1,870	226	241	6.6
TX	562	590	2,090	2,090	1,175	1,233	4.9
UT	98	98	1,930	1,955	189	192	1.6
VT	126	124	1,800	1,800	227	223	-1.8
VA	76	75	1,720	1,765	131	132	0.8
WA	278	280	2,030	2,040	564	571	1.2
WI	1,269	1,260	2,000	2,015	2,538	2,539	---
24 State Total	8,788	8,853	1,996	2,013	17,544	17,825	1.6

¹ Includes dry cows. Excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Source: U.S. Department of Agriculture. National Agricultural Statistics Service. Agricultural Statistics Board. *Milk Production*, (May 2020).

MONTHLY COLD STORAGE REPORT – TOTAL U.S. STOCKS

NOTE: Data for this report is collected from public, private and semiprivate warehouses, apple houses, and meat packing plants where food products are generally stored for 30 days or more. Commodities in space owned or leased and operated by the armed services are not reported. Food stocks held under bond are included in the storage data.

All stocks in thousand pounds except where otherwise indicated

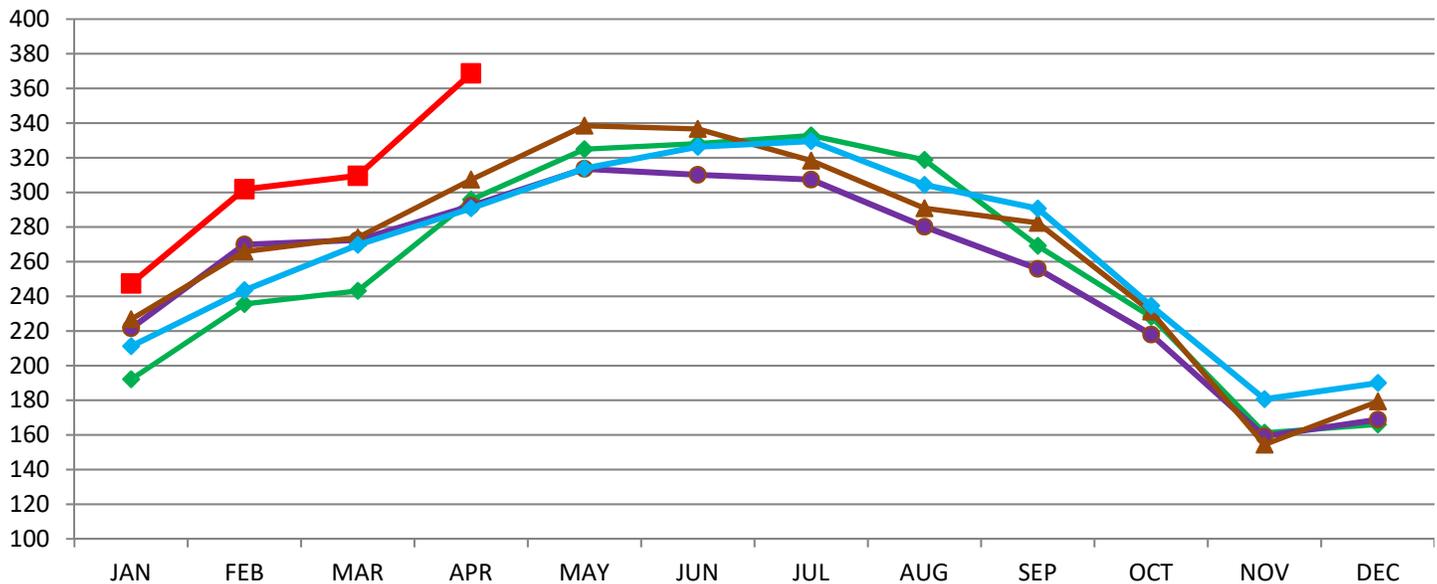
U.S. HOLDINGS OF DAIRY PRODUCTS						
COMMODITY	MAR 31, 2018	MAR 31, 2019	REVISED MARCH 31, 2020	APR 30, 2018	APR 30, 2019	APR 30, 2020
Butter	273,955	269,697	309,587	307,325	290,820	368,666
Cheese, Natural American	766,628	784,761	776,360	780,256	782,769	836,163
Cheese, Swiss	29,080	31,487	23,272	29,193	28,176	25,869
Cheese, Other Natural	529,020	568,118	574,875	535,831	587,029	620,804
Total Cheese	1,324,728	1,384,366	1,374,507	1,345,280	1,397,974	1,482,836

APRIL STORAGE HOLDINGS BY REGION									
REGION	Natural American Cheese			Butter *			Other Natural Cheese		
	2018	2019	2020	2018	2019	2020	2018	2019	2020
New England	66,885	69,797	71,093				1,085	877	1,365
Middle Atlantic	67,007	71,433	75,171				15,414	14,386	27,998
East North Central	329,005	337,752	350,208				366,095	367,254	381,631
West North Central	124,787	120,577	137,821				46,665	46,241	51,928
South Atlantic	492	418	145				28,654	65,423	49,550
East South Central	17,249	11,343	11,932				17,031	22,962	37,677
West South Central	8,582	4,879	10,877				2,335	3,390	4,636
Mountain	60,573	55,546	53,135				3,533	2,826	4,578
Pacific	105,676	111,024	125,781				55,019	63,670	61,441
TOTAL	780,256	784,761	836,163	307,325	290,820	368,666	535,831	587,029	620,804

*Regional breakdowns are not reported to avoid possible disclosure of individual operations.

MILLION POUNDS

Butter Cold Storage Holdings



DATA SOURCE, USDA, NASS; GRAPH, USDA, AMS, DMN

2016 2017 2018 2019 2020

June 2020 Highlights

Base Class I Price: The base Class I price for June 2020 is \$11.42 per cwt, a decrease of \$1.53 per cwt when compared to May 2020. 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: For June 2020, the advanced Class IV skim milk pricing factor is \$5.99 per cwt, the Class II skim milk price is \$6.69 per cwt, and the Class II nonfat solids price is \$0.7433 per pound.

Product Price Averages: The two-week product price averages for June 2020 are: butter \$1.2538, nonfat dry milk \$0.8395, cheese \$1.1859, and dry whey \$0.3822.

Advanced Class Prices by Order for June 2020

Federal Milk Order Class I Price Information ^{1, 2}

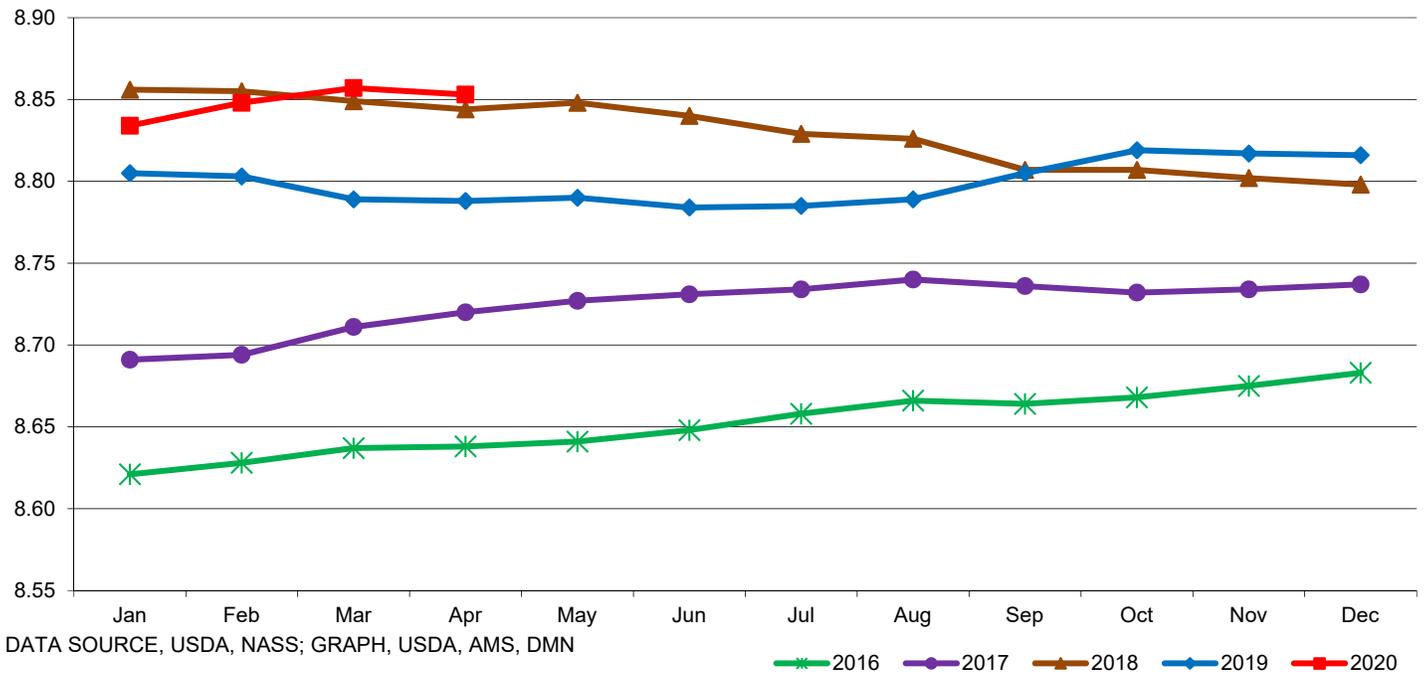
Federal Milk Order Marketing Area ³	Order Number	June 2020		
		Class I Price (3.5%)	Class I Skim Milk Price ⁴	Class I Butterfat Price
		<i>(dollars per cwt)</i>	<i>(dollars per cwt)</i>	<i>(dollars per pound)</i>
Northeast (Boston)	001	14.67	10.33	1.3432
Appalachian (Charlotte)	005	14.82	10.48	1.3447
Florida (Tampa)	006	16.82	12.48	1.3647
Southeast (Atlanta)	007	15.22	10.88	1.3487
Upper Midwest (Chicago)	030	13.22	8.88	1.3287
Central (Kansas City)	032	13.42	9.08	1.3307
Mideast (Cleveland)	033	13.42	9.08	1.3307
California (Los Angeles)	051	13.52	9.18	1.3317
Pacific Northwest (Seattle)	124	13.32	8.98	1.3297
Southwest (Dallas)	126	14.42	10.08	1.3407
Arizona (Phoenix)	131	13.77	9.43	1.3342
All-Market Average		14.24	9.90	1.3389

¹ To convert the Class I price per 100 pounds to the Class I price per gallon, divide by 11.63 - the approximate number of gallons in 100 pounds of milk. ² The mandatory \$0.20 per cwt processor assessment under the Fluid Milk Promotion Order is not included in the Class I prices shown in this table. ³ Names in parentheses are the major city in the principal pricing point of the markets. ⁴ Please see the Advanced Prices and Pricing Factors Announcement:

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

MILLION HEAD

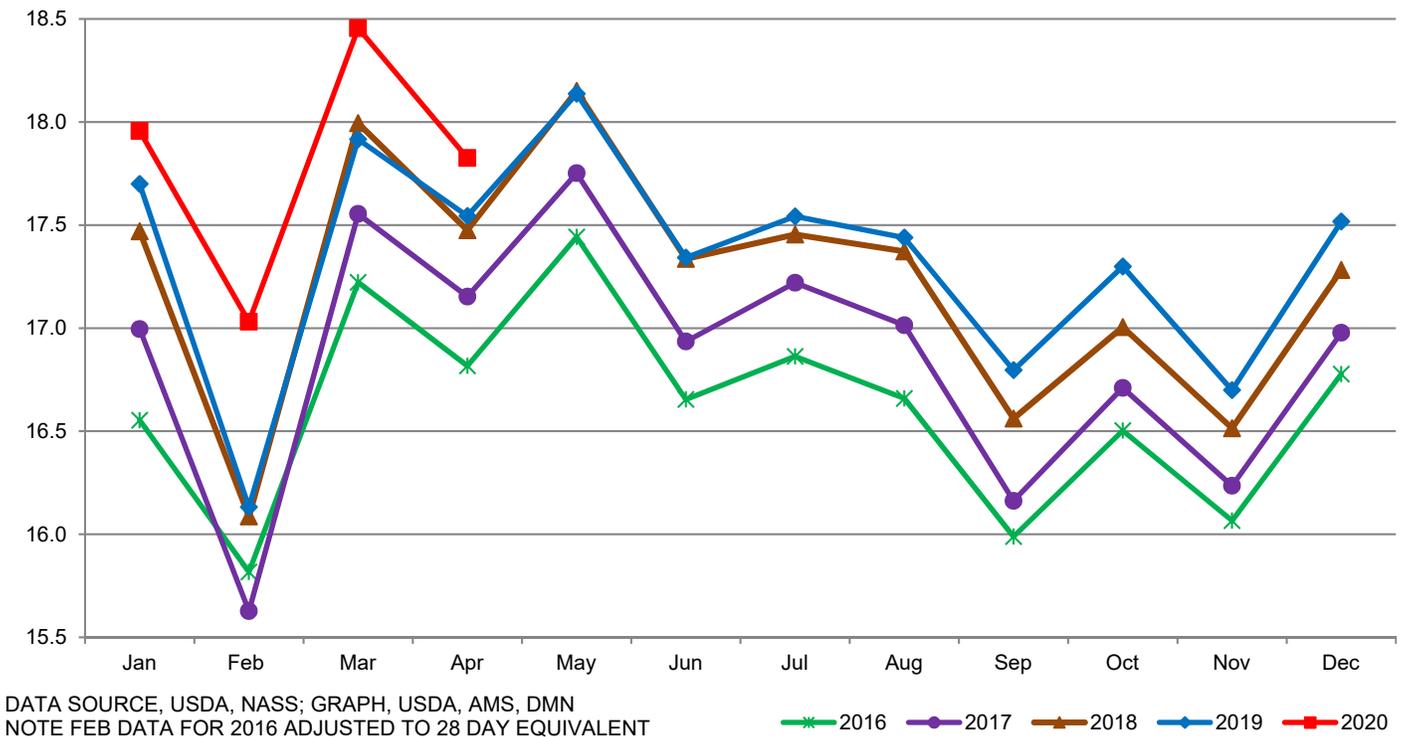
Milk Cow Numbers - 24 Selected States

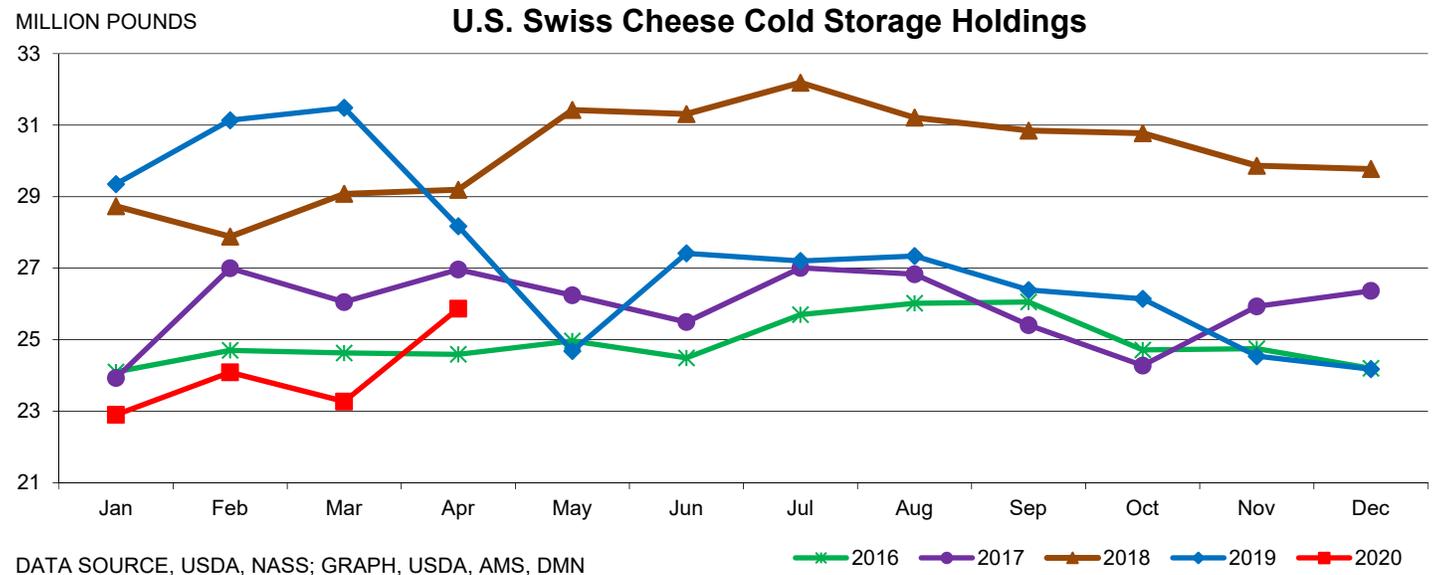
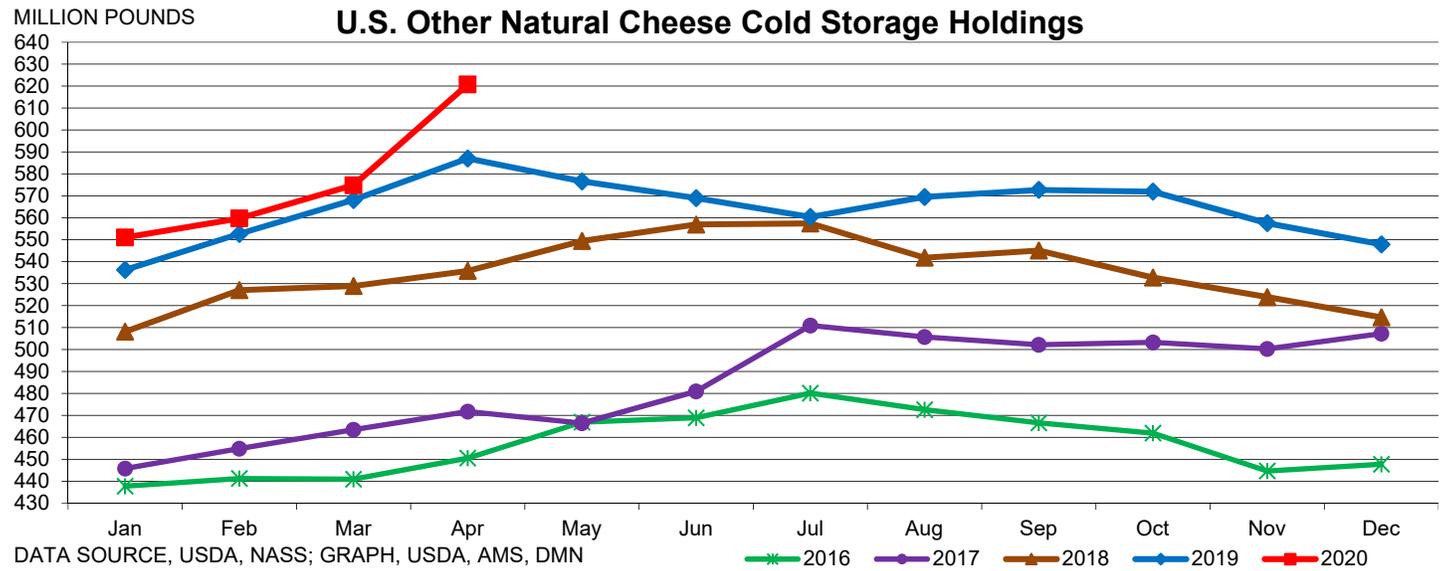
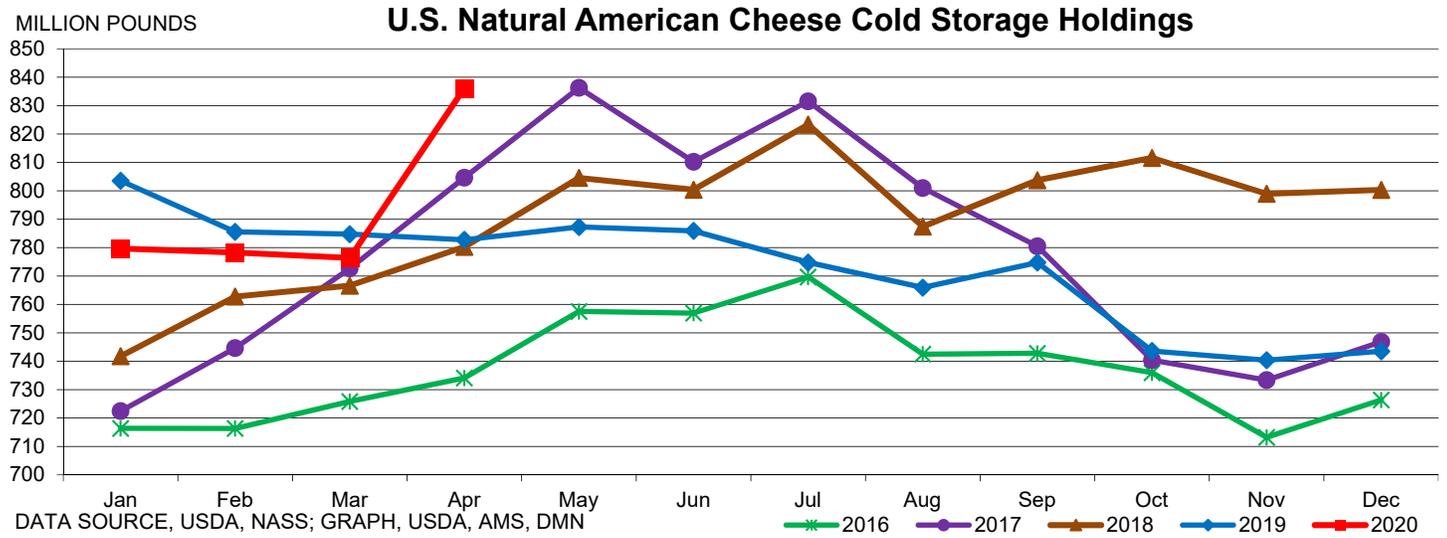


* Beginning with May 2019, data represents 24 major states, with the addition of Georgia to the major states tracked.

BILLION POUNDS

Milk Production - 24 Selected States







Dairy Market News Branch

Agricultural
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National Retail Report-Dairy

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

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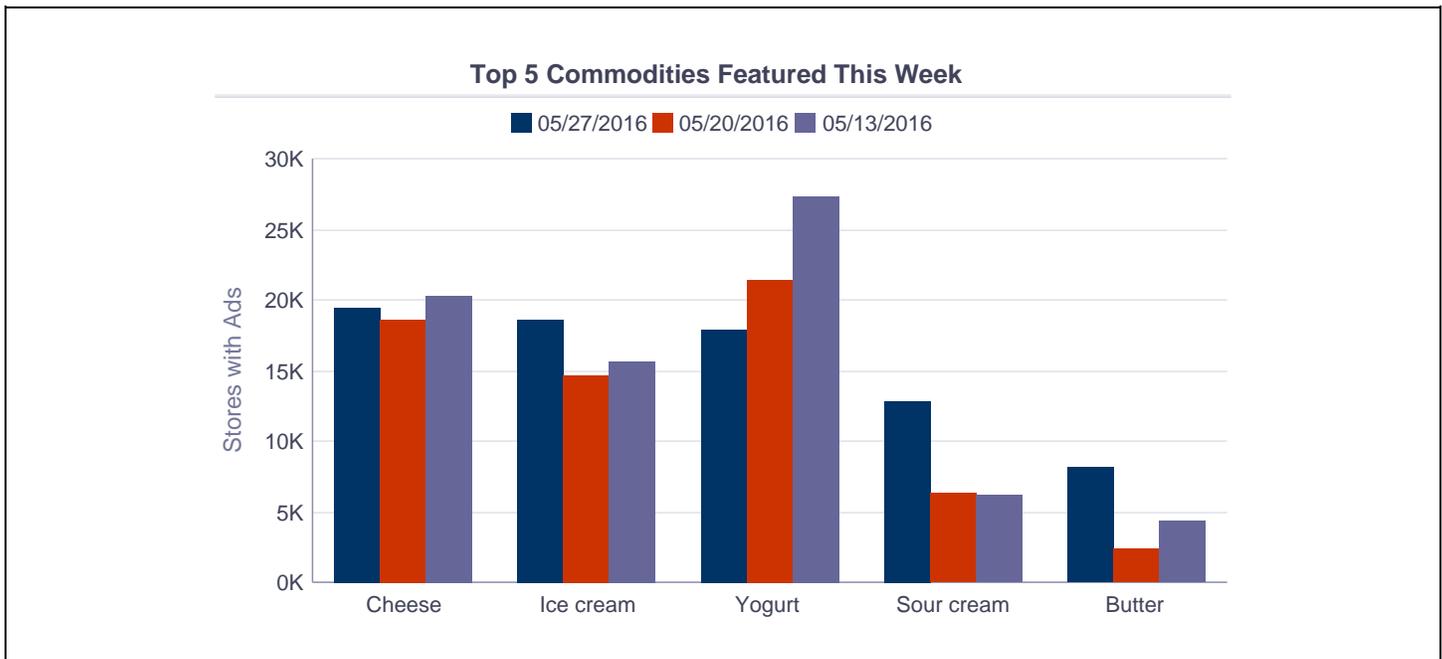
Advertised Prices for Dairy Products at Major Retail Supermarket Outlets ending during the period of 05/27/2016 to 06/02/2016

This week, the total volume of conventional dairy ads increased 9%, and organic dairy ads increased 30%. For conventional dairy advertisements, 48-64 ounce ice cream containers and 16 ounce sour cream containers have the most advertisements. One pound packages of butter more than tripled the number of advertisements and has about a 5% decrease in price when compared to last week. Organic butter has a weighted average price of \$5.84 and greater than double the number of ads when compared to last week. Organic 8 ounce blocks of cheese has the largest percent increase in ads of organic dairy items at 208%.

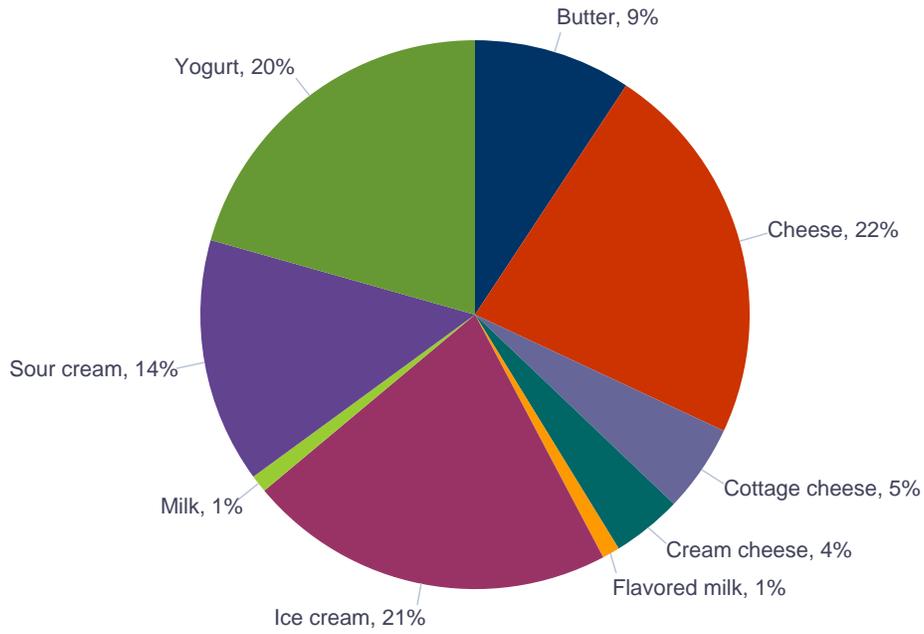
The average price for conventional yogurt in 4-6 ounce packages is \$.52, up \$.02 from last week. The average price of 4-6 ounce conventional Greek yogurt is \$.98, up \$.03 from a week ago. Conventional yogurt ad numbers are down 16% from last week, and organic yogurt ads are down 53%. The average price for organic Greek yogurt in 4-6 ounce packages is \$1.00.

The U.S. advertised price for 8 ounce conventional cheese blocks averaged \$2.24, down \$.08 from last week; 8 ounce shred cheese averaged \$2.19, down \$.04 from last week. Ad volume for conventional two pound blocks increased 61% with a weighted average price of \$6.82. The U.S. advertised price for 8 ounce organic cheese blocks averaged \$4.20, up \$.71 from last week.

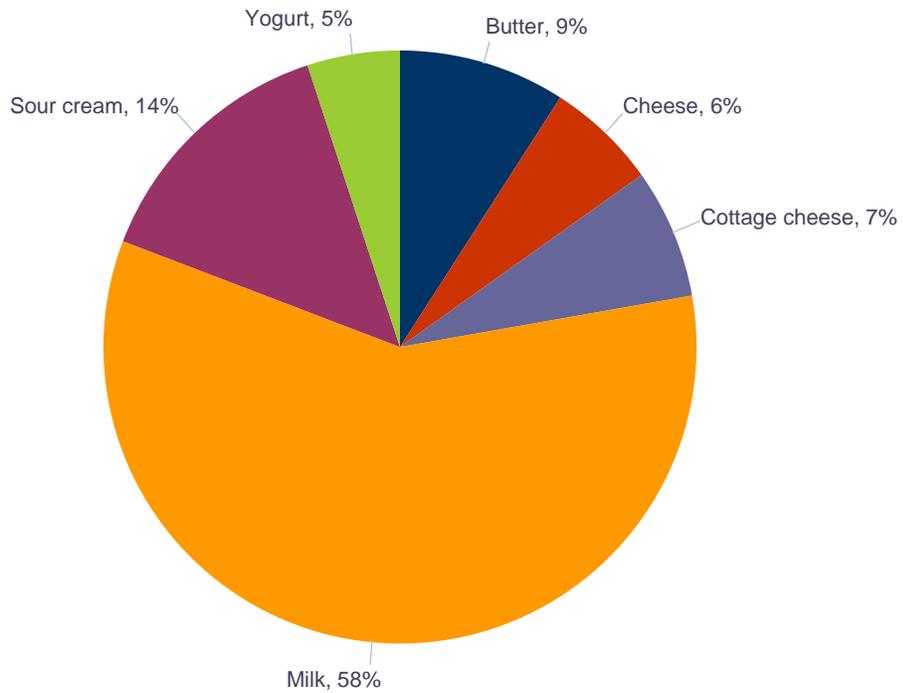
The price spread between organic and conventional half gallon milk is \$2.00. The price spread is the difference between national weighted average prices for organic, \$3.92, and conventional, \$1.92. Conventional milk ad numbers decreased 77% from last week while organic milk ad numbers increased 28%.



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 #	7685	3.13	2099	3.29	4269	3.18
Cheese	Natural Varieties	8 oz block	8683	2.24	7584	2.32	9950	2.23
Cheese	Natural Varieties	1 # block	672	4.97	1380	3.71	462	4.12
Cheese	Natural Varieties	2 # block	1544	6.82	958	5.42	1002	6.69
Cheese	Natural Varieties	8 oz shred	7624	2.19	6617	2.23	11332	2.34
Cheese	Natural Varieties	1 # shred	464	4.16	1946	3.28	541	3.99
Cottage cheese		16 oz	4816	1.87	4983	1.67	3168	2.26
Cream cheese		8 oz	3365	1.72	4294	2.15	5192	1.83
Flavored milk	All fat tests	half gallon	577	2.07	538	2.14	322	3.14
Flavored milk	All fat tests	gallon	106	3.49	1013	2.84	692	4.02
Ice cream		48-64oz	18546	2.83	14457	3.12	13255	2.95
Milk	All fat tests	half gallon	307	1.92	290	1.20	1128	1.59
Milk	All fat tests	gallon	736	2.93	4215	2.34	3016	2.53
Sour cream		16 oz	11538	1.67	5923	1.53	7968	1.54
Yogurt	Greek	4-6 oz	11471	.98	12105	.95	9557	.99
Yogurt	Greek	32 oz	1155	4.58	908	4.61	2305	3.95
Yogurt	Yogurt	4-6 oz	4411	.52	6870	.50	4045	.44
Yogurt	Yogurt	32 oz	512	2.38	927	2.33	1276	2.45

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 #	2.50-3.99	1359	3.32	1.99-3.50	2488	3.32	1.00-2.99	1180	2.45
Cheese	Natural Varieties	8 oz block	1.49-3.50	2900	2.24	1.67-3.00	2987	2.48	1.66-2.49	885	1.99
Cheese	Natural Varieties	1 # block	5.99	72	5.99				4.99	213	4.99
Cheese	Natural Varieties	2 # block				7.97	214	7.97			
Cheese	Natural Varieties	8 oz shred	1.66-3.00	1909	2.33	1.67-2.50	1398	2.44	1.33-2.49	1044	1.89
Cheese	Natural Varieties	1 # shred							4.99	213	4.99
Cottage cheese		16 oz	1.66-2.99	1248	2.27	1.00-2.00	1276	1.80	1.00-1.89	566	1.18
Cream cheese		8 oz	1.49-2.00	1261	1.60	1.25-2.39	637	1.50	1.25-2.49	671	1.86
Flavored milk	All fat tests	half gallon	1.99-2.50	298	2.22	3.00	61	3.00	1.25	119	1.25
Flavored milk	All fat tests	gallon							3.49	106	3.49
Ice cream		48-64oz	1.99-3.79	4085	2.64	2.29-3.50	5909	2.85	2.49-3.99	2936	2.80
Milk	All fat tests	half gallon	1.98	62	1.98				1.25	119	1.25
Milk	All fat tests	gallon				2.75	62	2.75	1.99	53	1.99
Sour cream		16 oz	1.29-2.00	2488	1.68	1.00-2.00	2691	1.80	0.99-1.89	1949	1.46
Yogurt	Greek	4-6 oz	0.88-1.25	2573	1.01	0.80-1.25	3034	1.01	0.80-1.00	1999	.98
Yogurt	Greek	32 oz	4.49	59	4.49				5.49	180	5.49

Wtd Avg - Simple weighted average



Commodity	Type	Pack Size	NORTHEAST U.S.			SOUTHEAST U.S.			MIDWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Yogurt	Yogurt	4-6 oz	0.40-0.60	1877	.49	0.40-0.60	1277	.56	0.40-0.60	540	.53
Yogurt	Yogurt	32 oz	2.00-2.69	119	2.34				2.48	180	2.48

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 #	1.99-3.50	881	2.68	1.99-4.28	884	3.41	2.50-3.99	816	3.25
Cheese	Natural Varieties	8 oz block	1.50-2.50	1401	1.93	1.77-2.50	410	2.14	2.00	66	2.00
Cheese	Natural Varieties	1 # block	3.99	114	3.99	4.99	246	4.99			
Cheese	Natural Varieties	2 # block				5.99-7.99	1048	6.80	5.99	276	5.99
Cheese	Natural Varieties	8 oz shred	1.66-2.50	1736	2.02	1.77-3.00	1232	2.18	1.67-2.00	240	1.76
Cheese	Natural Varieties	1 # shred	3.99	114	3.99	3.00	137	3.00			
Cottage cheese		16 oz	1.00-2.58	428	1.55	1.00-2.50	1171	1.91	1.50	66	1.50
Cream cheese		8 oz	1.25-1.99	209	1.58	1.50-2.49	354	2.16	1.67-2.50	182	1.95
Flavored milk	All fat tests	half gallon	1.99	99	1.99						
Ice cream		48-64oz	1.98-5.00	1949	3.06	1.97-3.99	2897	2.82	2.50-3.50	548	2.72
Milk	All fat tests	half gallon	1.99	99	1.99						
Milk	All fat tests	gallon	3.29	133	3.29	2.29-3.99	481	2.93			
Sour cream		16 oz	1.00-2.00	1363	1.54	0.99-2.50	2364	1.70	1.49-2.00	590	1.75
Yogurt	Greek	4-6 oz	0.77-1.00	1022	.94	0.69-1.00	2481	.94	1.00	317	1.00
Yogurt	Greek	32 oz				2.99-5.00	606	4.09	4.99	289	4.99
Yogurt	Yogurt	4-6 oz	0.44-0.50	193	.48	0.39-0.50	187	.47	0.50	289	.50
Yogurt	Yogurt	32 oz				1.77-2.99	176	2.20			

Commodity	Type	Pack Size	ALASKA U.S.			HAWAII U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	2.99-5.50	47	4.72	4.79-4.99	30	4.97
Cheese	Natural Varieties	8 oz block				2.50	34	2.50
Cheese	Natural Varieties	1 # block				5.99	27	5.99
Cheese	Natural Varieties	2 # block	8.99	6	8.99			
Cheese	Natural Varieties	8 oz shred	3.48-5.00	31	4.85	2.50	34	2.50
Cottage cheese		16 oz	2.69-4.48	34	4.16	2.49-2.50	27	2.49
Cream cheese		8 oz	1.69-1.99	17	1.88	2.25	34	2.25
Ice cream		48-64oz	2.99-7.99	69	5.23	3.00-6.99	153	5.00
Milk	All fat tests	half gallon				4.49	27	4.49
Milk	All fat tests	gallon				4.97-5.19	7	5.10
Sour cream		16 oz	1.68-2.19	32	2.09	1.99-2.39	61	2.21
Yogurt	Greek	4-6 oz	1.00-1.25	11	1.20	1.10-1.50	34	1.25
Yogurt	Greek	32 oz	5.49	21	5.49			
Yogurt	Yogurt	4-6 oz	0.60	21	.60	0.79	27	.79
Yogurt	Yogurt	32 oz				2.79-3.50	37	2.85

Wtd Avg - Simple weighted average

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 #	542	5.84	257	5.66		
Cheese	Natural Varieties	8 oz block	351	4.20	114	3.49	393	3.91
Cottage cheese		16 oz	423	3.36	166	3.25		
Cream cheese		8 oz			137	2.69		
Ice cream		48-64oz	27	5.49	137	5.99	246	4.99
Milk	All fat tests	half gallon	2641	3.92	2025	3.78	2437	3.47
Milk	All fat tests	gallon	378	6.48	532	4.05	84	6.99
Milk	All fat tests	8 oz UHT	395	1.05	114	1.00	158	1.00
Sour cream		16 oz	816	3.10	392	2.02		
Yogurt	Greek	4-6 oz	72	1.00	167	1.50	2228	1.24
Yogurt	Yogurt	32 oz	221	3.99	455	2.95		

REGIONAL -- ORGANIC DAIRY PRODUCTS

Commodity	Type	Pack Size	NORTHEAST U.S.			SOUTHEAST U.S.			MIDWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Milk	All fat tests	half gallon	4.99	344	4.99	2.99	274	2.99	2.99-4.79	619	3.75
Milk	All fat tests	8 oz UHT	0.99-1.17	221	1.10						
Yogurt	Greek	4-6 oz	1.00	72	1.00						
Yogurt	Yogurt	32 oz	3.99	221	3.99						

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
Butter		1 #	4.99	118	4.99	5.99-6.19	424	6.07			
Cheese	Natural Varieties	8 oz block				3.99	246	3.99	4.69	105	4.69
Cottage cheese		16 oz	2.99-3.49	333	3.32	3.49	90	3.49			
Milk	All fat tests	half gallon	2.99-4.29	381	3.54	2.99-4.49	918	4.02	4.29	105	4.29



Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Milk	All fat tests	gallon				6.99	246	6.99	5.49	121	5.49
Milk	All fat tests	8 oz UHT							0.99-1.00	174	.99
Sour cream		16 oz	1.99-3.49	333	2.98	2.99-3.49	456	3.22			

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
Ice cream		48-64oz				5.49	27	5.49
Milk	All fat tests	gallon	5.99	11	5.99			
Sour cream		16 oz				2.49	27	2.49

REGIONAL DEFINITIONS

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

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



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