

DAIRY MARKET NEWS AT A GLANCE

CME GROUP CASH MARKETS (10/15)

BUTTER: Grade AA closed at \$1.7750. The weekly average for Grade AA is \$1.7790 (+0.0800).

CHEESE: Barrels closed at \$1.7900 and 40# blocks at \$1.7800. The weekly average for barrels is \$1.7680 (-0.0175) and blocks, \$1.7850 (-0.0215).

NONFAT DRY MILK: Grade A closed at \$1.5325. The weekly average for Grade A is \$1.4940 (+0.0640).

DRY WHEY: Extra grade dry whey closed at \$0.6025. The weekly average for dry whey is \$0.6005 (+0.0090).

CHEESE HIGHLIGHTS: As milk production increases are being reported in most of the country, cheese plant managers are mixed on taking advantage of discounted spot milk, currently \$1 under Class to flat Class in the Midwest, as labor shortages continue. Cheese demand is strong and strengthening from customers across the country and elsewhere. Asian and Mexican interests have grown, as well, according to Western cheese contacts. Inventories in the West, though, are building in warehouses due to pervasive logistical challenges. Inventories in the other regions are generally balanced, and in some cases, short. Cheese market tones are stable with bullish undertones.

BUTTER HIGHLIGHTS: Cream availability is mixed. A fire at a butter/powder plant in the Northwest has caused milk/cream destined for that plant to enter a market that is mostly flush with supplies. Butter producers in the East and Central regions report some stresses on production schedules, due to tight labor markets. Additionally, transportation issues are causing difficulties across the supply chain. Butter production is steady in the East and West and inventories are available to meet current needs. Central region inventories are tighter. Demand for butter is strong in retail, while food service demand varies by region. Bulk butter overages range from 1 to 8.50 cents above market this week.

FLUID MILK: Throughout the country, farm milk output is benefiting from the cooling temperatures, except in parts of the Southeast, where warm weather persists. Milk volumes are mostly

available for processing needs. Class I demand, which peaked at the start of the schoolyear, has now settled. Milk moving into Class II holiday related uses is gradually increasing. Some balancing operations are running on active production schedules. A handful of manufacturers are limiting their milk intakes/production schedules to work through supply chain challenges/labor shortages. Cream markets are stable on mixed spot trading activities. Condensed skim markets are holding a steady undertone. F.O.B. cream multiples are 1.30-1.40 in the East, 1.30-1.37 in the Midwest, and 1.05-1.35 in the West.

DRY PRODUCTS: Low/medium heat nonfat dry milk (NDM) prices are mostly higher in all regions. Inventories are more available in the West than they are in other regions. Low/medium heat NDM markets are firming. High heat NDM prices are higher. Seasonal demands are slightly outweighing available high heat NDM supplies. Dry buttermilk prices are unchanged in the Central/East, while moving higher in the West. Dry buttermilk markets are holding a bullish undertone. Dry whole milk prices moved higher on the top of the range on tight supplies and increasing fall season demands. Throughout the United States, dry whey prices were steady to higher on firming market tones. Market participants note dry whey export demands are strengthening. Whey protein concentrate 34% prices are steady to higher. Brands that are meeting tight end user specifications have fairly strong buying demands. Lactose prices were steady to lower. Operations continue to work through shortages of containers and trucking. Rennet casein prices are steady, however acid casein prices are steady to higher on bullish market undertones.

INTERNATIONAL DAIRY MARKET NEWS: WESTERN EUROPEAN OVERVIEW: Milk production naturally declines through mid-November in parts of northern Europe. While milk output is following this typical seasonal pattern, several industry sources report weekly collections in France and parts of Germany were above the previous week.

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DAIRY MARKET NEWS PRICE SUMMARY FOR OCTOBER 11 - 15, 2021
PRICES (\$/LB) & CHANGES FROM PREVIOUS PUBLISHED PRICES

Commodity	Range		Mostly		Commodity	Range		Mostly		Commodity	Range		Mostly	
NDM					BUTTERMILK					LACTOSE				
Central Low/Med. Heat	1.3800	1.5200	1.4300	1.4800	Central/East	1.2400	1.3100			Central/West	0.3300	0.5500	0.3700	0.4800
Change	0.0300	0.0900	0.0500	0.0700	Change	N.C.	N.C.			Change	N.C.	N.C.	-0.0200	N.C.
Central High Heat	1.5300	1.5850			West	1.2400	1.3300	1.2800	1.3050	WPC 34%				
Change	0.0275	0.0450			Change	0.0400	0.0275	0.0200	0.0250	Central/West	1.0700	1.3300	1.1100	1.2050
West Low/Med. Heat	1.3600	1.4625	1.4000	1.4400	WHEY					Change	N.C.	0.0100	0.0100	0.0175
Change	0.0400	N.C.	0.0600	0.0600	Central	0.4500	0.6100	0.5450	0.5850	CASEIN				
West High Heat	1.5200	1.6375			Change	N.C.	0.0100	0.0200	0.0150	Rennet	4.7000	4.9000		
Change	0.0400	0.0500			West	0.5275	0.6000	0.5425	0.5900	Change	N.C.	N.C.		
DRY WHOLE MILK					Change	N.C.	0.0025	0.0025	0.0150	Acid	4.8000	5.2175		
National	1.8500	1.9800			Northeast	0.5000	0.6000			Change	0.1000	N.C.		
Change	N.C.	0.0500			Change	N.C.	0.0325			ANIMAL FEED WHEY				
									Central	0.4500	0.4900			
									Change	0.0500	N.C.			

DAIRY MARKET NEWS PRICE SUMMARY FOR OCTOBER 4 - 15, 2021
PRICES (\$/MT) & CHANGES FROM PREVIOUS PUBLISHED PRICES

Commodity	Range		Commodity	Range		Commodity	Range	
SMP			WHOLE MILK POWDER			BUTTER		
W. Europe	2850	3400	W. Europe	3900	4125	W. Europe	5000	5550
Change	-50	125	Change	100	100	Change	250	425
Oceania	3275	3425	Oceania	3675	3900	Oceania	4850	4975
Change	N.C.	75	Change	N.C.	25	Change	50	25
S. America	2750	3150	S. America	3275	3625	BUTTEROIL		
Change	N.C.	N.C.	Change	N.C.	-25	W. Europe	5550	6300
WHEY					Change	-100	225	
W. Europe	1125	1325			CHEDDAR CHEESE			
Change	N.C.	N.C.			Oceania	4275	4400	
					Change	50	50	

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A few sources also indicated spot milk prices may have eased slightly. However, supplies of farm milk intakes, cream and skimmed milk concentrate are tight and are trading at high prices. As a result, dairy product manufacturing is constrained.

EASTERN EUROPEAN OVERVIEW: Farm milk intakes are tight in Eastern Europe. Manufacturers have to allocate available milk among processing channels. Like much of Europe, milk production in eastern parts of the continent is still in seasonal decline, however, unlike some of the other major milk producing countries, Poland's milk output is ahead of the prior year.

OCEANIA OVERVIEW: AUSTRALIA: Industry sources expect Australian farm milk production to grow slightly this production season. Favorable milk prices and lower input costs could help farmers maintain profitability. However, a cool, wet spring has been both supportive and a hindrance to growing milk output. While slowing farm milk output the first few months of the new season, farmers think the added moisture will aid in forage production later. Stretches of drier weather have since helped improve milk output volumes.

OCEANIA OVERVIEW: NEW ZEALAND: Spring milk output for the new milk production season is below expectations in New Zealand. Wet conditions are still suppressing early season pasture growth and milk production. Industry contacts say cold, rainy weather has reduced the quantity and quality of early season pastures. The rain has also delayed crop planting in some parts of the country. While currently a hindrance, farmers feel the added soil moisture could extend pasture growth and crop growth through late spring and early summer. As temperatures warm and paddocks dry out, milk output volumes should grow, and pasture conditions should improve.

SOUTH AMERICA OVERVIEW: In Argentina and Uruguay, farmers' dairy herds continue to produce higher milk volumes off farms during this spring season. Market participants report milk prices have remained at good price points/numbers, although some are wondering if higher operating costs will continue to impact some dairy markets. WMP and SMP market undertones are mostly stable on mixed trading activities. There are reports year-end holiday dairy products are revving up production schedules. Market participants note limited shipping vessels/container capacity at ports is having influences on marketing decisions at this time. In Brazil, milk output is slightly picking up in areas. Drought conditions are still impacting some main farm zones around the country. Milk demands from the food processing industry continues to be strong.

NATIONAL RETAIL REPORT (DMN): Advertisers are not deterred by the cooler weather as conventional ice cream, in 48-64 ounce containers, remains the most advertised retail dairy item. Conventional butter, in 1 pound packaging, increased in ad volumes, but decreased by \$.46 in weighted average advertised price, to \$2.85. Total conventional dairy ads decreased by eight percent, while organic ads moved up by ten percent.

AUGUST 2021 MILK SALES (FMMO): Total Fluid Products Sales - 3.6 billion pounds of packaged fluid milk products were shipped by milk handlers in August 2021. This was 1.7 percent lower than a year earlier. Estimated sales of total conventional fluid milk products decreased 1.7 percent from August 2020 and estimated sales of total organic fluid milk products decreased 1.7 percent from a year earlier.

OCTOBER SUPPLY AND DEMAND ESTIMATES (USDA, WAOB): Milk production forecasts for 2021 and 2022 are reduced from last month on smaller dairy cow numbers and slower growth in milk per cow. For 2021 and 2022, fat basis import forecasts are unchanged from the previous month, while the fat basis export forecasts are raised on stronger expected sales of cheese and butterfat containing products. The skim-solids basis import forecast for 2021 is lowered slightly on weaker expected imports of milk protein concentrates, but the 2022 forecast is unchanged.

SEPTEMBER CONSUMER PRICE INDEX (BLS): The September CPI for all food is 281.5, up 4.6 percent from 2020. The dairy products index is 232.0, up 0.6 percent from a year ago. The following are the September, year to year percentage changes for selected products: fresh whole milk is +3.2; cheese, -1.0; and butter, -1.3.

SEPTEMBER PRODUCER PRICE INDEX (BLS): The September PPI for all food is 231.1, up 14.5 percent from 2020. The dairy products index is 210.8, up 2.6 percent from a year ago. The following are the September year to year percentage changes for selected products: fresh whole milk, -2.0; cheese, -2.7; and butter, +20.8.

COMMODITY	MONDAY OCT 11	TUESDAY OCT 12	WEDNESDAY OCT 13	THURSDAY OCT 14	FRIDAY OCT 15	:: WEEKLY CHANGE	:: WEEKLY AVERAGE
CHEESE							
BARRELS	\$1.7650 (-0.0250)	\$1.7500 (-0.0150)	\$1.7450 (-0.0050)	\$1.7900 (+0.0450)	\$1.7900 (N.C.)	:: (N.C.)	:: \$1.7680 (-0.0175)
40 POUND BLOCKS	\$1.7950 (-0.0150)	\$1.7825 (-0.0125)	\$1.7600 (-0.0225)	\$1.8075 (+0.0475)	\$1.7800 (-0.0275)	:: (-0.0300)	:: \$1.7850 (-0.0215)
NONFAT DRY MILK							
GRADE A	\$1.4600 (N.C.)	\$1.4550 (-0.0050)	\$1.4850 (+0.0300)	\$1.5375 (+0.0525)	\$1.5325 (-0.0050)	:: (+0.0725)	:: \$1.4940 (+0.0640)
BUTTER							
GRADE AA	\$1.7200 (N.C.)	\$1.7600 (+0.0400)	\$1.8200 (+0.0600)	\$1.8200 (N.C.)	\$1.7750 (-0.0450)	:: (+0.0550)	:: \$1.7790 (+0.0800)
DRY WHEY							
EXTRA GRADE	\$0.5950 (N.C.)	\$0.6000 (+0.0050)	\$0.6000 (N.C.)	\$0.6050 (+0.0050)	\$0.6025 (-0.0025)	:: (+0.0075)	:: \$0.6005 (+0.0090)

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

Eastern cream availability is mixed. Some plant managers are experiencing tightness while others say spot supplies are more available. Stakeholders report butter facility operations are stressed and production volumes are limited at some plants as staffing shortages and hauling bottlenecks persist. Impacts vary from plant to plant, though, and despite these challenges, production is fairly seasonally steady as butter makers work through internal cream supplies. Butter stocks are plentiful, and inventories are available to meet Q4 needs. Food service orders are unchanged. Retail demand is on the upswing. The bulk butter price for domestic sales, in the East, is steady and ranging from 2 to 8 cents over the CME market, 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: +0.0200 - +0.0800

WEST

The Pacific Northwest and northern mountain state region are heavy with cream following a fire at an Idaho butter plant this week. Cream destined for that plant is now on the market, but sources say most local churns are already full as holiday butter production is underway. Cream supplies throughout the rest of the West are reportedly near normal volumes for this point in the year, and butter production is steady. As the fall baking and holiday season begins, stakeholder forecasts for upcoming needs vary. Some contacts are expecting typical holiday butter demand, but others are anticipating banner year celebrations and a stronger holiday butter pull than usual. Either way, inventories are abundant, and there is plenty of butter in coolers for near term needs. Retail sales continue to increase, while food service demand remains level to lower. Bulk butter overages are steady and range from 2.5 to 8.5 cents over the CME market butter price.

Prices for: Western U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter
Bulk Basis Pricing - 80% Butterfat \$/LB: +0.0250 - +0.0850

CENTRAL

Butter makers say butter demand is strong, but timing could be better. Cream is relatively pricey, and labor shortages continue to beleaguer plant managers throughout the region. Butter contacts say they are having to allocate inventories to assure each customer has an opportunity to purchase. Additionally, concerns remain regarding transportation/hauling, which is also adding to the stress. Deliveries are not as assured as they were just a couple months ago, and there is no short-term clarity regarding the growing amount of logistical issues. Butter market tones have regained strength this week, increasing a dime from Monday to Wednesday on the CME.

Prices for: Central U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter
Bulk Basis Pricing - 80% Butterfat \$/LB: +0.0100 - +0.0500

Secondary Sourced Information:

EXPORT ASSISTANCE This week, a cooperative export assistance program accepted requests for export assistance to sell 150,000 pounds (68 MT) of cream cheese.

CHEESE MARKETS

NORTHEAST

Cheese operations are working through strong output schedules in the Northeast region. Cheese makers are clearing what they need for milk supplies, although like many operations, cheese makers are working through an array of supply chain challenges. Inventory levels are mostly in line with demands at this time. Cheese customers are revving up cheese orders/demands for the holidays. Retail cheese sales are holding a stable undertone. Manufacturers are working through firmer cheese demands from retail stores. In addition, market participants note specialty cheese orders are also picking up. Cheese sales in the restaurant sector are mixed throughout the region. The cheese market tone is stable.

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

Cheddar 40 pound Block	2.2600-2.5475
Muenster	2.2475-2.5975
Process American 5 pound Sliced	1.8925-2.3725
Swiss 10-14 pound Cuts	3.3050-5.6275

MIDWEST

Cheesemakers' notes are in harmony this week within the region. There is plenty of milk. Spot milk is being offered from \$1 under Class to just over, although a number of cheese producers say they are not clearing spots above Class. One factor in their hesitation is labor shortages, which are being reported across the board. Cheese demand notes are also generally the same from one contact to the next; demand is strong. Cheesemakers of many varieties say demand is seasonally healthy and they say customers are active. Curd and barrel producers report not being able to produce enough, due to staffing shortages, to keep buyers satisfied. Cheese market tones are holding onto some stability following the block to barrel price convergence on the CME.

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

Blue 5 pounds	2.4450-3.5125
Brick 5 pounds	2.1750-2.6000
Cheddar 40 pound Block	1.8975-2.2975
Monterey Jack 10 pounds	2.1500-2.3550
Mozzarella 5-6 pounds	1.9750-2.9200
Muenster 5 pounds	2.1750-2.6000
Process American 5 pound Loaf	1.8775-2.2375
Swiss 6-9 pound Cuts	2.8200-2.9375

WEST

In the West, demand for cheese in both food service and retail markets is holding steady. International demand for cheese is increasing as contacts note stronger interest from purchasers in Mexico and Asia. Port congestion and a shortage of truck drivers are causing delays to loads across the region. Delivery delays are, reportedly, causing warehouse inventories to build up. Spot purchasers report that loads of cheese are available for purchasing. Barrel and block market prices have slid lower, on the CME, from the start of this week. Cheese production is mixed. Milk supplies are available to meet production needs. Some producers are running full schedules, while others are running below capacity due to labor shortages.

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

Cheddar 10 pound Cuts	2.1350-2.3350
Cheddar 40 pound Block	1.8875-2.3775
Monterey Jack 10 pounds	2.1225-2.3975
Process American 5 pound Loaf	1.8950-2.1500
Swiss 6-9 pound Cuts	3.1125-3.5425

FOREIGN TYPE

Demand for foreign type cheese remains strong. European contacts report good order volumes across retail, food service and industrial channels. Food service, especially, has come back to life as people resume some of their old travel habits and return to restaurants. While high freight and container costs are still concerning, manufacturers suggest export sales are steady. The steady demand, along with seasonally subdued cheese production, has kept inventories tight. Much of the current production is committed, with very little cheese available for additional orders. Industry contacts expect manufacturers will need to adjust cheese production schedules until milk production begins to build later this fall.

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

	:	NEW YORK	:	
VARIETY	:	IMPORTED	:	DOMESTIC
	:		:	
Blue	:	2.6400-5.2300	:	2.2675-3.7550*
Gorgonzola	:	3.6900-5.7400	:	2.7750-3.4925*
Parmesan	:	-0-	:	3.6550-5.7450*
Romano	:	-0-	:	3.4575-5.6125*
Sardo Romano (Argentina)	:	2.8500-4.7800	:	-0-
Reggianito (Argentina)	:	3.2900-4.7800	:	-0-
Jarlsberg	:	-0-	:	-0-
Swiss	:	-0-	:	3.3400-3.6650
Swiss (Finland)	:	2.6700-2.9300	:	-0-

* = Price change.

COLD STORAGE

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

	:	<u>BUTTER</u>	:	<u>CHEESE</u>
10/11/2021	:	56868	:	82716
10/01/2021	:	57019	:	82685
CHANGE	:	-151	:	31
% CHANGE	:	0	:	0

Secondary Sourced Information:

This week, a cooperative export assistance program accepted requests for export assistance on contracts to sell 49,000 pounds (22 metric tons) of American-type cheese and 150,000 pounds (68 metric tons) of cream cheese. So far this year, the program has assisted member cooperatives who have contracts to sell 37.7 million pounds of American-type cheeses and 10.5 million pounds of cream cheese in export markets. When combined with butter, AMF, cream cheese and whole milk powder, the program has assisted members with sales of 1.192 billion pounds of milk on a milkfat basis.

FLUID MILK AND CREAM

EAST

In the Northeast, milk output is increasing off farms. Milk markets are stable. Class I sales are somewhat stabilized. Some balancing operations are increasing production schedules. Cheese plants are working through hearty milk supplies for active production schedules and firming cheese demands. Mid-Atlantic milk production is level. Market participants report milk availability is meeting most milk demands in the Mid-Atlantic and other areas in the East. In Virginia, there are reports of drought conditions in some areas. Regional farmers are busy working fields and cutting hay. Milk production is up in the Southeast this week. Milk managers note milk supplies continue to be tight. Bottlers are clearing higher milk sales/orders. Florida milk output continues to be flat/level. Market participants relay temperatures continue to be in the 80s during the day this October. Dairy herds and pastures have been in good to excellent condition in the state. Class I sales are stable. In general, milk availability is mostly in line with milk demands this week. The cream market is mostly stable on not as active/robust trading activities. Cream users are working through spot and internal cream supplies, although challenges with transportation/hauling schedules/location are some factors impacting cream markets. Butter operations are working lighter production schedules. Cream cheese and various other cream-based products are slightly picking up additional cream loads for production needs. Condensed skim markets are balanced. Condensed skim supplies are meeting buyers' demands.

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

Price Range - Class II; \$/LB Solids: 1.00 - 1.15

Price Range - Class III; \$/LB Solids: 1.00 - 1.15

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

Multiples Range - All Classes: 1.3000 - 1.4000

Price Range - Class II; \$/LB Butterfat: 2.2087 - 2.3786

MIDWEST

Weather continues to support milk production from the Upper Midwest down to the southern area of the Central region. Class I orders have slowed since the onset of the schoolyear, but they are still notably stronger than last year's pulls, due to the clear difference in in-school attendance. Cheesemakers still purport plentiful milk available both on the spot market and internally sourced supplies. Labor shortages in both bottling and cheesemaking facilities have plant managers keeping milk intakes in check. Cheesemakers have said they are buying spots only on a necessity basis, as they are concerned about further staffing shortages day to day. Class III spot milk prices ranged from \$1 under to Class. A number of cheese plant managers relayed there were offers at premiums, but no completed trades were reported above Class. Cream availability is steady. Cream cheese production is expected to pick up near term, but butter makers are already saying spot cream is out of their price range. Additionally, butter makers report both labor shortages have limited their production schedules and driver scarcity has them continually on their toes regarding cream receipts. Corn silage harvest is at or nearing completion in the upper Midwest. Soybean harvests, which are expected to be very hearty this year, are also reportedly around 50+ percent completed.

Price Range - Class III Milk; \$/CWT; Spot Basis: -1.00 - .00

Trade Activity: Slow

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

Multiples Range - All Classes: 1.3000 - 1.3700

Price Range - Class II; \$/LB Butterfat: 2.2597 - 2.3276

Multiples Range - Class II: 1.3300 - 1.3700

WEST

Milk output is increasing in California. Contacts report strong components. Class I demand is steady. Class II and III sales are unchanged. Milk is a little looser in Arizona. Milk production is flat to increasing. Bottling demand has declined while schools have scheduled fall breaks. Class III sales are steady. Farm level output is higher in New Mexico. Demands for Class I and Class III milk are unchanged. Balancing operations are active. Washington milk is still coming in short of handler forecasts, and contacts suggest milk remains tight in the Pacific Northwest. Bottling sales are steady. Class III demand is strong as cheese plants are said to be running at maximum capacity. Milk is stable in the mountain states of Idaho, Utah, and Colorado. Although Idaho output is meeting handler forecasts, contacts say milk spot loads are limited and sourcing them is still hit or miss. Bottling demand is steady. Balancing plants are operating under capacity. Condensed skim contracts are steady. More cream is available in the Northwest following a fire at a butter plant, shifting the bottom of the cream multiples range lower. Cream supplies are largely meeting end user demands elsewhere throughout the West. Butter churning is steady, and cream cheese production is strong.

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

Multiples Range - All Classes: 1.0500 - 1.3500

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: Early in the week, end users were reporting offers of low/medium heat nonfat dry milk (NDM) at \$1.50. Needless to say, customers were surprised by the brisk shift in price movements. By midweek, completed trades were being reported above \$1.50, and a growing number of trades have been reported nearer to \$1.50 than the \$1.40 mark from just a week ago. Undoubtedly, supplies are tightening. Some contacts suggest they are the tightest in at least half a decade. Additionally, even though condensed skim availability is not short, it is not overflowing either. Then, labor shortages at balancing plants in the region are not helping matters. High heat NDM prices moved higher on both sides of the range. The same can be said for high heat NDM that can be said for low/medium heat varieties. It is tight, and demand is seasonally growing. NDM market tones are in a clearly bullish trend.

EAST: Eastern low/medium heat nonfat dry milk (NDM) prices shifted higher. Trading in the East was moderately active, as most trades were in the mid to high \$1.40s, a stark shift up from week to week. Customers are more willing to purchase loads, even for feed end usage, at the current price points. NDM is notably tight to tightening week to week. There are numerous and recently continual logistical problems throughout the industry, and balancing plants are no different. Labor and driver shortages are creating tightening availability and/or hauling discrepancies. Milk availability has grown, but with added logistical irregularities, NDM production is noted as unstable. High heat NDM prices moved higher on tight markets, although Eastern high heat trades were quiet. NDM market tones are bullish.

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: 1.3800 - 1.5200
Mostly Range - Low & Medium Heat; \$/LB: 1.4300 - 1.4800

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: 1.5450 - 1.5850

NONFAT DRY MILK - WEST

In the West, low/medium heat nonfat dry milk (NDM) prices moved higher at the bottom of the range while holding steady at the top. The mostly price series shifted higher, increasing into the \$1.40s for the first time since the waning months of 2014. Inventories of low/medium heat are available for spot purchasing. Contacts report that inventories in other regions are significantly tighter than in the West; purchasers in those regions have been looking to the West to fulfill current market demands. Low/medium heat NDM demand is strong in both domestic and international markets. A shortage of truck drivers in the region is causing delays to deliveries. Milk availability is increasing as cooler weather has moved into much of the region. Production of low/medium heat NDM is mixed. Some plants are running busy schedules to work through available, while labor shortages and unexpected down times are affecting other drying operations. High heat NDM prices moved higher on both ends of the range, this week. High heat availability remains limited, but in balance with lighter demand. Drying operations are focusing their schedules on the production of low/medium heat, reducing available drying time for high heat NDM.

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

Price Range - Low & Medium Heat; \$/LB: 1.3600 - 1.4625
Mostly Range - Low & Medium Heat; \$/LB: 1.4000 - 1.4400

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: 1.5200 - 1.6375

DRY BUTTERMILK - CENTRAL AND EAST

CENTRAL: The price range for dry buttermilk powder is unchanged amid limited spot trading. Production is low, with manufacturers primarily drying buttermilk to fulfill committed contracts. Demand for condensed buttermilk is steady, limiting the availability of supplies. While production of dry buttermilk is limited, spot inventories are, reportedly, tight. The market undertone of dry buttermilk powder is firm.

EAST: Dry buttermilk prices have held steady this week on light spot trading. Demand is light, though spot purchasers say they are having some difficulty obtaining loads of dry buttermilk powder. Contacts report a need to look to other regions to find loads and fulfill market orders. Supplies of condensed buttermilk are limited as butter operations are, reportedly, running shorter production schedules. Dry buttermilk markets are stable.

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

Price Range ; \$/LB: 1.2400 - 1.3100

DRY BUTTERMILK - WEST

The price range for dry buttermilk moved higher, in the West, this week. The mostly price series shifter higher this week; the top of the series moved above \$1.30 for the first time since November of 2014. Domestic and international demand for dry buttermilk powder is holding steady. Contacts are reporting an increase in inquiries for dry buttermilk powder from purchasers in other regions. Loads in the region are facing shipping delays due to port congestion and a shortage of truck drivers. Spot purchasers are able to find loads of dry buttermilk powder to meet the current market demands. Production is limited as drying operations are focusing their time on the production of nonfat dry milk and skim milk powder.

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

Price Range ; \$/LB: 1.2400 - 1.3300
Mostly Range - ; \$/LB: 1.2800 - 1.3050

DRY WHOLE MILK - U.S.

Dry whole milk prices remained steady on the low end of the range, but moved up on the top. Trading was moderately active, as demand has picked up seasonally. Although demand has increased, production and availability remain limited in general, even with growing milk yields throughout the country. Therefore, market tones are expected to remain steady, if not bullish, throughout the rest of the fall season.

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

Price Range - 26% Butterfat; \$/LB: 1.8500 - 1.9800

WHEY, WPC 34%, LACTOSE & CASEIN

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

DRY WHEY— CENTRAL

Dry whey prices moved up one penny on the top of the range and more significantly on the mostly price series. Dry whey availability has shifted lower on a weekly basis this fall. Producers noted, just a few weeks ago, that they had some available spot loads in the Midwest. As demand has grown, though, availability has tightened considerably. Still, there are offers of available spots, but end users are not as likely to pay current prices unless in a necessity-purchase situation. Cheese production has been limited not by milk, which remains somewhat plentiful, and discounted, but by labor shortages. Most Class III producers are ebbing their milk intakes due to their ebbing worker numbers. Animal feed whey markets are mirroring edible whey powder, and increasing. Feed whey customers, and trading activity, are busier. Feed end users are growing more concerned about near- and long-term market shifts. Dry whey market tones are bullish.

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: 4500 - 4900

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: 4500 - .6100
Mostly Range - Non-Hygroscopic; \$/LB: .5450 - .5850

DRY WHEY— NORTHEAST

Dry whey spot loads are steady to higher on additional activity in various spot markets. Market participants are purchasing spot loads from manufacturers and resellers this week. Buying demands are slightly firming, although industry contacts are working through an array of supply chain/port/transportation challenges in dairy product markets. Dry whey production is strong in the East region. Cheese operations are clearing a hearty supply of milk for robust production needs. Dry whey inventories remain to be available for spot and contract demands. The dry whey market undertone is firming.

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: 5000 - 6000

DRY WHEY— WEST

The dry whey price range held steady at the bottom of the range, while increasing by \$0.0025 at the top. The West mostly price series saw greater movement, as both ends of the series moved higher this week. Demand for dry whey is holding steady in domestic markets. Contacts report strong export demand for dry whey from international purchasers, with notable interest coming from both Mexico and Asian markets. Dry whey inventories are available for spot purchasing, in the region. Deliveries of loads are facing delays, due to a shortage of truck drivers. Loads intended for export are facing further delays, as port congestion continues to plague the shipping industry. Dry whey production is steady. Plant managers are favoring the production of higher whey protein concentrates and permeate, leaving reduced production time available for dry whey.

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: .5275 - .6000
Mostly Range - Non-Hygroscopic; \$/LB: .5425 - .5900

WHEY PROTEIN CONCENTRATE

Prices for whey protein concentrate 34% moved higher at the top of the price range and both ends of the mostly price series. Manufacturers say they are getting more inquiries for WPC 34% as prices for alternative dairy proteins have moved higher. WPC 34% inventories are getting tighter as end users look to substitute WPC 34% for the now more expensive dairy proteins. Brands that meet tight end user specifications continue to have higher demand and tight supplies. WPC 34% production is steady.

Prices for: Central and Western U.S., All First Sales, F.O.B., Extra Grade, Conventional, and Edible Whey Protein Concentrate
Price Range - 34% Protein; \$/LB: 1.0700 - 1.3300
Mostly Range - 34% Protein; \$/LB: 1.1100 - 1.2050

LACTOSE

Lactose prices are steady across the price range but moved lower at the bottom of the mostly price series, pulled down but lower spot sale prices. In some cases, manufacturers are eager to move lactose out of their warehouses. Inventories are heavy, partly due to the shipping challenges that have persisted throughout the summer. Shortages of containers, trucks and vessel space have created delays and headaches for shippers. Lactose production is steady to lower currently, but some contacts expect this to change later in the quarter as milk production turns and seasonally increases. While contacts suggest there is decent demand for 200 mesh lactose and lactose used for standardization, overall demand is a bit lackluster. The market tone for lactose is unsettled.

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: .3300 - .5500
Mostly Range - Non Pharmaceutical; \$/LB: .3700 - .4800

CASEIN

Rennet casein prices are steady on the range, although acid casein prices moved higher on the bottom of the range. Notes on New Zealand's early milking season are mixed, but some contacts are reporting hurdles from cow numbers to wet weather which are somewhat bearish regarding milk output outlooks in Oceania. Therefore, acid casein availability is not expected to shift much from its already firm status. Some producers elsewhere do not expect to start acid casein production at a full rate until early 2022. Contracts are being worked through for the first quarter and first half of 2022 currently. All said, casein markets are bullish with continued hearty demand and scant availability for the near-term.

Prices for: Spot Sales And Up to 3 Month Contracts, Free on Board - Warehouse, Non-Restricted, All Mesh Sizes, Conventional, and Edible Casein
Acid; Price Range - \$/LB: 4.8000-5.2175
Rennet; Price Range - \$/LB: 4.7000-4.9000

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

WEEK ENDING	2021 WEEKLY DAIRY COWS	2021 CUMULATIVE DAIRY COWS	2020 WEEKLY DAIRY COWS	2020 CUMULATIVE DAIRY COWS
09/25/2021	60.4	2,339.1	59.3	2,293.6
10/01/2021	60.7	2,399.8	57.8	2,351.4

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

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

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

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

CLASS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
I (BASE)	15.14	15.54	15.20	15.51	17.10	18.29	17.42	16.90	16.59	17.08		
II	14.18	14.00	15.07	15.56	16.22	16.66	16.83	16.51	16.89			
III	16.04	15.75	16.15	17.67	18.96	17.21	16.49	15.95	16.53			
IV	13.75	13.19	14.18	15.42	16.16	16.35	16.00	15.92	16.36			

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
10/09/2021	1,7579 3,013,652	1,7973 12,682,875	1,6507 13,398,015	.5362 5,309,901	1,3427 14,370,460

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	10/08	10/11	10/12	10/13	10/14
OCT 21	18.03	17.93	17.89	17.88	17.92
NOV 21	18.77	18.82	18.81	18.85	19.36
DEC 21	18.31	18.33	18.36	18.38	18.85

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

DATE	10/08	10/11	10/12	10/13	10/14
OCT 21	135.00	135.00	134.75	135.85	135.85
NOV 21	143.00	143.00	143.33	144.50	145.00
DEC 21	146.50	145.50	145.25	149.15	150.00

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

DATE	10/08	10/11	10/12	10/13	10/14
OCT 21	16.87	16.87	16.87	16.95	17.03
NOV 21	17.60	17.60	17.52	17.90	18.07
DEC 21	17.89	17.89	17.93	18.29	18.55

WHEY (Electronic-Traded) (¢/lb)

DATE	10/08	10/11	10/12	10/13	10/14
OCT 21	54.78	54.78	54.78	54.60	54.98
NOV 21	57.28	57.10	57.50	57.63	59.75
DEC 21	58.00	57.50	57.95	57.53	60.00

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

DATE	10/08	10/11	10/12	10/13	10/14
OCT 21	175.00	175.00	174.03	176.25	176.25
NOV 21	176.15	176.15	178.73	180.85	183.78
DEC 21	177.85	177.53	179.00	181.25	184.03

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

DATE	10/08	10/11	10/12	10/13	10/14
OCT 21	1.81	1.81	1.81	1.81	1.81
NOV 21	1.85	1.87	1.86	1.85	1.87
DEC 21	1.81	1.82	1.82	1.82	1.82

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

INTERNATIONAL DAIRY MARKET NEWS - EUROPE

Information gathered October 4 - 15, 2021

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 naturally declines through mid-November in parts of northern Europe. While milk output is following this typical seasonal pattern, several industry sources report weekly collections in France and parts of Germany were above the previous week. A few sources also indicated spot milk prices may have eased slightly. However, supplies of farm milk intakes, cream and skimmed milk concentrate are tight and are trading at high prices. As a result, dairy product manufacturing is constrained.

The European Commission released the Autumn 2021 Short-term Outlook for the EU earlier this week. In the report, the commission forecasts EU milk production to grow 0.3 percent for the year. They predict stable milk intakes through Q3 and rising milk deliveries in Q4. Continued strong cow slaughtering would result in a smaller milking herd, but that may be offset by an increase in milk production per cow.

EASTERN EUROPE

Farm milk intakes are tight in Eastern Europe. Manufacturers have to allocate available milk among processing channels. Like much of Europe, milk production in eastern parts of the continent is still in seasonal decline, however, unlike some of the other major milk producing countries, Poland's milk output is ahead of the prior year.

BUTTER/BUTTEROIL

European butter prices are significantly higher this week. Industry sources suggest packaged butter demand is at typical seasonal levels, while bulk butter demand has ratcheted higher. Some industry sources say a few end users were short and had to make purchases. Buyers are eager to ensure coverage through the end of the year and are pursuing available supplies. However, butter inventories are tight. Low farm milk output levels and low component levels have limited butter production. Cream prices have risen, and manufacturers have some misgivings regarding the continued availability of affordable cream through the new few months. Butter makers are quoting future business at higher prices. Prices for butteroil are mixed, moving lower at the bottom of the range and upwards at the top of the range. Prices settled slightly lower in week 40 but jumped higher in week 41.

Western Europe, 82% Butterfat, Free on Board - Port Butter
Price Range - \$/MT: 5,000 - 5,550

Western Europe, 99% Butterfat, Free on Board - Port Butteroil
Price Range - \$/MT: 5,550 - 6,300

SKIM MILK POWDER

Once again, European skim milk powder prices moved up at the top of the price range but down at the bottom. While SMP prices are moving higher across most of Europe, prices moved slightly lower in France last week. Industry sources suggest SMP availability is a primary market driver. Low seasonal milk output has resulted in lower SMP production and lower inventories. Demand is steady and solid. The constant pull from domestic markets is leaving less SMP available for export. Buyers have become more willing to buy SMP at increasing prices to assure near-term coverage.

Prices for: Europe, All First Sales, Free on Board - Port, Conventional, and Edible Skim Milk Powder
Price Range - 1.25% Butterfat; \$/MT: 2,850 - 3,400

WHEY

European whey prices are unchanged. Industry sources say demand from both the food and feed sectors are steady and at normal levels for this time of year. Inventories are adequate to meet current demand. Heavier dry whey production in the first half of the year has allowed manufacturers to meet most inquiries. Current production is stable.

Prices for: Western Europe, All First Sales, Free on Board - Port, Conventional, and Edible Dry Whey
Price Range - Non-Hygroscopic; \$/MT: 1,125 - 1,325

WHOLE MILK POWDER

Whole milk powder prices in Europe moved higher. European prices have climbed steadily since mid-August. In the same timeframe, availability has decreased. WMP production is stymied. A few manufacturers are finding the production of WMP less attractive because of limited supplies and higher costs of farm milk intakes. WMP demand is present from within the EU, but with higher prices and higher freight costs, EU WMP is less price competitive than some WMP supplied from other regions of the world.

Prices for: Europe, All First Sales, Free on Board - Port, Conventional, and Edible Whole Milk Powder
Price Range - 26% Butterfat; \$/MT: 3,900 - 4,125

WESTERN EUROPEAN SECONDARY DATA:

According to CLAL data made available to USDA, January - August 2021 raw cows' milk delivered to dairies in the United Kingdom was 10,577,000 MT, up 0.7 percent from January - August 2020.

EASTERN EUROPEAN SECONDARY DATA:

According to Eurostat data, August 2021 raw cows' milk delivered to dairies in Poland was 1,059,270 MT, up 0.9 percent from August 2020, but down 0.8 percent from July 2021.

According to CLAL data made available to USDA, January - August 2021 raw cows' milk delivered to dairies in Poland was 8,514,000 MT, up 0.3 percent from January - August 2020.

INTERNATIONAL DAIRY MARKET NEWS - OCEANIA

Information gathered October 4 - 15, 2021

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OCEANIA DAIRY MARKET OVERVIEW

AUSTRALIA: Industry sources expect Australian farm milk production to grow slightly this production season. Favorable milk prices and lower input costs could help farmers maintain profitability. However, a cool, wet spring has been both supportive and a hindrance to growing milk output. While slowing farm milk output the first few months of the new season, farmers think the added moisture will aid in forage production later. Stretches of drier weather have since helped improve milk output volumes.

AUSTRALIA MILK PRODUCTION, MILKFAT and PROTEIN

July 2021 – August 2021

State	Million Liters	Percent Change From 1 Year Ago	Percentage	
			Milkfat	Protein
New South Wales	190.8	+2.8	4.04	3.40
Victoria	865.9	- 4.4	4.07	3.44
Queensland	53.7	- 1.6	4.05	3.37
South Australia	70.3	- 4.1	3.87	3.41
Western Australia	58.1	- 4.8	3.85	3.34
Tasmania	58.7	-10.3	4.44	3.54
Australia (Total)	1,297.5	- 3.6	4.06*	3.43**

- +0.2 percent from prior year period

- ** -0.8 percent from prior year period

July- August 2021 milk exports from Australia, 73,977 MT, increased 51.4 percent from July-August 2020, according to Dairy Australia.

January – August 2021 bulk and packaged milk exports from Australia, 194,000 MT, increased 21.1 percent from January – August 2020, according to CLAL data made available to USDA. The main export destinations January - August 2021, quantities, and percent change from January – August 2020, were China, 100,512 MT, +63.97 percent; Singapore, 38,948 MT, +4.76 percent; and Malaysia, 13,608 MT, -12.91 percent.

NEW ZEALAND: Spring milk output for the new milk production season is below expectations in New Zealand. Wet conditions are still suppressing early season pasture growth and milk production. Industry contacts say cold, rainy weather has reduced the quantity and quality of early season pastures. The rain has also delayed crop planting in some parts of the country. While currently a hindrance, farmers feel the added soil moisture could extend pasture growth and crop growth through late spring and early summer. As temperatures warm and paddocks dry out, milk output volumes should grow, and pasture conditions should improve.

With a slow start to the milk production season, New Zealand milk supplies may be tighter than expected. Industry analysts suggest that with the first three or four months of the milk season behind last year, it may be difficult to make up ground later in the season. With tight milk supplies and strong dairy commodity prices for this time of year, several dairy industry organizations within New Zealand have lifted their milk price forecasts for the season by 25 to 75 cents. Currently, the milk price forecast is between NZ \$8.15 to \$8.62 per kg milk solids. While favorable milk price forecasts look promising,

industry analysts also urge caution. There are still a lot of market uncertainties to work through before the end of the season.

New Zealand farmers continue to face a myriad of challenges. Besides weather and price uncertainties, regulatory conditions and farm labor shortages add to the stress farmers face. Due to COVID restrictions, many farms have not been able to get the international farm workers needed for calving, milking and other essential farm work. Dairy industry leaders are hopeful that recent actions by the New Zealand government may provide a pathway to residency for international farm workers and encourage workers to come to New Zealand.

BUTTER/BUTTEROIL

Oceania butter prices moved higher. While prices from manufacturers were comparable to previous weeks, the GDT event bumped prices up slightly. Industry sources suggest there was strong buying activity from most purchasing regions. Lower than expected milk supplies have cut into production somewhat and are supporting butter prices.

Oceania, 82% Butterfat, Free on Board - Port Butter
Price Range - \$/MT: 4,850 - 4,975

SKIM MILK POWDER

Skim milk powder prices in Oceania are steady to higher. Industry sources suggest manufacturers were making offers at slightly higher price points. In addition, prices made gains at the latest GDT event. With Australian and New Zealand milk production missing the mark for early season output levels, and seasonal milk declines in the northern hemisphere, buyers are willing to seek out SMP to assure coverage. At the latest GDT event, every region significantly increased their SMP purchase volumes compared to last year, except for northern Asia.

Prices for: Oceania, All First Sales, Free on Board - Port, Conventional, and Edible Skim Milk Powder
Price Range - 1.25% Butterfat; \$/MT: 3,275 - 3,425

CHEESE

Oceania cheese prices moved higher at both ends of the price range. Offers from manufacturers are coming out at slightly higher price points, and there was a strong showing at the latest GDT event. Industry contacts suggest Oceania cheese demand is solid. Supplies are in fairly good balance with demand.

Prices for: Oceania Cheese, Cheddar, 39% Maximum Moisture, Free on Board - Port,
Price Range - \$/MT: 4,275 - 4,400

INTERNATIONAL DAIRY MARKET NEWS - OCEANIA

Information gathered October 4 - 15, 2021

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CONTINUED FROM PAGE 8A

WHOLE MILK POWDER

Oceania whole milk powder prices are steady to higher, moving up slightly at the top of the price range. While tight milk output in Oceania is leading analysts to believe there is still the potential for prices to firm, the latest GDT event has slowed the lift in prices. Auction volumes were weaker than expected. Some sources suggest that buyers, feeling a little price sensitive, may want to have more market signals before going ahead with purchases. Further development of the Oceania milk production season may need to occur before buyers are confident in price directions.

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

Price Range - 26% Butterfat; \$/MT: 3,675 - 3,900

**Exchange rates for selected foreign currencies:
October 11, 2021**

.0101 Argentina Peso	.0133 India Rupee
.7346 Australian Dollar	.0088 Japan yen
.1805 Brazil Real	.0479 Mexican Peso
.8012 Canadian Dollar	.6937 New Zealand Dollar
.0012 Chile Peso	.2516 Poland Zloty
1.1555 Euro	.0230 Uruguay Peso

Conversion example: To compare the value of 1 US Dollar to Mexican Pesos: (1/.0479) = 20.8768 Mexican Pesos. Source: "Wall Street Journal"

AUSTRALIA SECONDARY DATA:

According to Dairy Australia. August 2021 milk production, 690.6 million liters, was down 3.6 percent from August 2020. Seasonal YTD milk production through August 2021, 1,297.5 million liters, decreased 3.6 percent from July - August 2020. More detailed production data are in the table which follows.

Secondary Sourced Information:

According to Dairy Australia, July 2020-June 2021 Australian butter production, 48,713 tons, increased 15.0 percent from July 2019-June 2020.

At GDT event 293, on October 5, 2021, the butter all contracts price, \$4,878, increased 0.4 percent. The November contract, \$4,970, increased 1.6 percent.

July-August 2021 butter exports from Australia, 3,142 MT, increased 26.5 percent from July-August 2020, according to Dairy Australia.

According to CLAL data made available to USDA, January - August 2021 butter exports from Australia, 16,000 MT, increased 84.0 percent from January - August 2020. The main export destinations January - August 2021, quantities, and percent change from January - August 2020, were China, 4,496 MT, +189 percent; South Korea, 1,708 MT, +250 percent; and Singapore, 1,436 MT, +63.27 percent.

According to Dairy Australia, July 2020-June 2021 Australian SMP production, 153,741 tons, decreased 4.0 percent from July 2019-June 2020.

At GDT event 293 on October 5, 2021, the SMP all contracts price, \$3,315, increased 0.5 percent. The November contract, \$3,401, increased 3.2 percent.

July-August 2021 SMP exports from Australia, 17,108 MT, increased 28.6 percent from July-August 2020, according to Dairy Australia.

According to CLAL data made available to USDA, January - August 2021 SMP exports from Australia, 103,000 MT, increased 22.7 percent from January - August 2020. The main export destinations January - August 2021, quantities, and percent change from January - August 2020, were China, 47,851 MT, +70.04 percent; Indonesia, 18,093 MT, -8.30 percent; and Thailand, 5,065 MT, -10.41 percent.

According to Dairy Australia, July 2020-June 2021 Australian cheese production, 366,236 tons, decreased 1.3 percent from July 2019-June 2020.

At GDT event 293 on October 5, 2021, the cheddar all contracts price, \$4,297, increased 0.7 percent. The November contract, \$4,300, increased 0.7 percent.

According to Dairy Australia, July-August 2021 cheddar exports from Australia, 5,374 MT, increased 5.5 percent from July-August 2020. July-August 2021 other cheese exports from Australia, 18,619 MT, increased 11.9 percent from July-August 2020.

According to CLAL data made available to USDA, January - August 2021 cheese exports from Australia, 103,000 MT, increased 2.7 percent from January - August 2020. The main export destinations January - August 2021, quantities, and percent change from January - August 2020, were Japan, 38,359 MT, -19.46 percent; China, 19,089 MT, +55.88 percent; and Malaysia, 6,583 MT, -9.55 percent.

According to Dairy Australia, July 2020-June 2021 Australian WMP production, 52,458 tons, increased 17.5 percent from July 2019-June 2020.

At GDT event 293 on October 5, 2021, the WMP all contracts price, \$3,749, decreased 0.4 percent. The November contract, \$3,832, increased 0.8 percent.

July-August 2021 WMP exports from Australia, 9,499 MT, increased 55.7 percent from July-August 2020, according to Dairy Australia.

According to CLAL data made available to USDA, January - August 2021 WMP exports from Australia, 36,000 MT, increased 58.8 percent from January - August 2020. The main export destinations January - August 2021, quantities, and percent change from January - August 2020, were China, 14,995 MT, +26.22 percent; Thailand, 5,833 MT, +41.66 percent; and Singapore, 3,286 MT, +75.07 percent.

INTERNATIONAL DAIRY MARKET NEWS - SOUTH AMERICA

Information gathered October 4 - 15, 2021

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, farmers' dairy herds continue to produce higher milk volumes off farms during this spring season. Market participants report milk prices have remained at good price points/numbers, although some are wondering if higher operating costs will continue to impact some dairy markets. WMP and SMP market undertones are mostly stable on mixed trading activities. There are reports year-end holiday dairy products are revving up production schedules. Market participants note limited shipping vessels/container capacity at ports is having influences on marketing decisions at this time. In Brazil, milk output is slightly picking up in areas. Drought conditions are still impacting some main farm zones around the country. Milk demands from the food processing industry continues to be strong.

Secondary Sourced Information:

At the GDT Event 293 on October 5, skim milk powder (SMP) prices across all contract periods averaged \$3,315 per metric ton, up 0.5 percent from the last event.

At the GDT Event 293 on October 5, whole milk powder (WMP) prices across all contract periods averaged \$3,749 per metric ton, down 0.4 percent from the last event.

SKIM MILK POWDER

Skim milk powder (SMP) F.O.B. prices are unchanged on steady to lighter spot trading. A few operations are working through their customers' immediate needs, although port/supply chain challenges are impacting some offshore markets. In addition, milk output is increasing off farms, creating additional condensed skim volumes for dryers. SMP supplies are available for spot and contract commitments.

The September 2021 Dairy Market News monthly average price per metric ton for SMP in the southern Cone of South America is \$2,947, in comparison to \$2,936 from last month.

Prices for: South America, All First Sales, Free on Board - Port, Conventional, and Edible Skim Milk Powder

Price Range - 1.25% Butterfat; \$/MT: 2,750 - 3,150

WHOLE MILK POWDER

Whole milk powder (WMP) prices are steady to slightly lower on mixed trading activities. The WMP market tone varies currently. Some buyers/market participants note WMP markets are holding a stable undertone based on customers' immediate demands, although other industry contacts are holding off on spot purchasing and working through limited capacity on shipping vessels/shipping containers off ports. Whole milk powder production is fairly strong. Inventory levels are growing. There are reports the food processing industry is revving up purchasing needs ahead of the upcoming year-end holidays.

The September 2021 Dairy Market News monthly average price per metric ton for WMP in the southern Cone of South America is \$3,440, compared to \$3,453 from last month.

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

Price Range - 26% Butterfat; \$/MT: 3,275 - 3,625

August 2021 Milk Sales

Total Fluid Products Sales 3.6 billion pounds of packaged fluid milk products were shipped by milk handlers in August 2021. This was 1.7 percent lower than a year earlier. Estimated sales of total conventional fluid milk products decreased 1.7 percent from August 2020 and estimated sales of total organic fluid milk products decreased 1.7 percent from a year earlier.

Product Name	Sales ²		Change from:	
	Aug	Year to Date	Previous Year	Year to Date
Conventional Production Practice	<i>(million pounds)</i>		<i>(percent)</i>	
Whole Milk	1,224	9,705	-2.8	-6.9
Flavored Whole Milk	63	519	-0.9	8.9
Reduced Fat Milk (2%)	1,082	9,061	-8.4	-6.8
Low Fat Milk (1%)	401	3,373	-3.5	-6.0
Fat-Free Milk (Skim)	205	1,668	-10.2	-13.6
Flavored Fat-Reduced Milk	268	1,944	48.1	5.5
Buttermilk	38	296	9.4	9.0
Other Fluid Milk Products	93	758	33.8	49.1
Total Fat-Reduced Milk ³	1,955	16,045	-2.5	-6.1
Total Conventional Milk Products	3,374	27,323	-1.7	-5.0
Organic Production Practice				
Whole Milk	103	836	---	-1.1
Flavored Whole Milk	1	12	27.4	105.3
Reduced Fat Milk (2%)	78	643	-4.5	-1.3
Low Fat Milk (1%)	26	211	1.5	-7.5
Fat-Free Milk (Skim)	14	118	-6.7	-10.1
Flavored Fat-Reduced Milk	6	57	2.2	6.3
Other Fluid Milk Products	0	0	452.3	-62.1
Total Fat-Reduced Milk ³	124	1,030	-3.2	-3.4
Total Organic Milk Products	228	1,878	-1.7	-2.0
Total Fluid Milk Products ²	3,601	29,201	-1.7	-4.8

¹ These figures are representative of the consumption of fluid milk products in Federal milk order marketing areas, which account for approximately 92 percent of total fluid milk sales in the United States. An estimate of total U.S. fluid milk sales is derived by extrapolating the remaining 8 percent of sales from the Federal milk order data. Reported volumes do not include added non-dairy ingredients such as sweeteners or flavorings. ² Data may not add due to rounding. ³ Both conventional and organic fat-reduced milk categories are the total of reduced fat, lowfat, skim and flavored fat-reduced milk.

Package Sales of Total Fluid Milk Products in Federal Milk Orders, August 2021, with Comparisons ¹

Marketing Area	Order Number	Sales ²		Change from:	
		Aug	Year to Date	Previous Year	Year to Date
		<i>(million pounds)</i>		<i>(percent)</i>	
Northeast	001	560	4,716	-5.0	-5.7
Appalachian	005	270	2,167	-4.5	-1.8
Florida	006	214	1,694	3.6	-6.2
Southeast	007	318	2,543	0.1	-6.2
Upper Midwest	030	244	1,982	-2.8	-9.0
Central	032	310	2,499	-2.0	-4.6
Mideast	033	428	3,528	-1.1	0.1
California	051	407	3,219	0.1	-6.4
Pacific Northwest	124	139	1,123	-2.0	-6.0
Southwest	126	343	2,758	-1.0	-4.5
Arizona	131	80	636	1.0	-4.5
All Areas (Totals) ¹		3,313	26,865	-1.7	-4.8

¹ These figures are representative of the consumption of total fluid milk products in the respective area. Reported volumes do not include added non-dairy ingredients such as sweeteners or flavorings. ² Data may not add due to rounding.

October Supply and Demand Estimates

Milk production forecasts for 2021 and 2022 are reduced from last month on smaller dairy cow numbers and slower growth in milk per cow. For 2021 and 2022, fat basis import forecasts are unchanged from the previous month, while the fat basis export forecasts are raised on stronger expected sales of cheese and butterfat containing products. The skim-solids basis import forecast for 2021 is lowered slightly on weaker expected imports of milk protein concentrates, but the 2022 forecast is unchanged. Skim-solids basis export forecast for 2021 is reduced on weaker sales of skim milk powder, whey, and lactose; however, the forecast for 2022 is unchanged. For 2021, cheese, nonfat dry milk (NDM), and whey price forecasts are raised on current prices and lower expected production. The butter price is lowered slightly on current prices. For 2022, all dairy product prices are raised, largely on tighter supplies. The 2021 and 2022 Class III and Class IV price forecasts are raised from last month on higher dairy product prices. The 2021 all milk price is forecast higher at \$18.45 per cwt. The all milk price forecast for 2022 is \$19.20 per cwt.

U.S. Milk Supply and Use					
Commodity	2020	2021 Projected		2022 Projected	
		Sep	Oct	Sep	Oct
Milk	<i>(billion pounds)</i>				
Production	223.2	227.8	227.0	230.6	229.7
Farm Use	1.1	1.1	1.1	1.1	1.1
Fat Basis Supply					
Beginning Commercial Stocks	13.6	15.6	15.6	15.6	15.5
Marketings	222.1	226.7	226.0	229.5	228.6
Imports	6.8	6.6	6.6	6.7	6.7
Total Commercial Supply	242.5	248.9	248.2	251.8	250.8
Fat Basis Use					
Commercial Exports	9.3	11.4	11.8	10.9	11.0
Ending Commercial Stocks	15.6	15.6	15.5	15.4	15.3
CCC Donations	0.3	0.0	0.0	0.0	0.0
Domestic Commercial Use	217.4	221.9	220.8	225.5	224.5
Skim-Solid Basis Supply					
Beginning Commercial Stocks	10.2	10.9	10.9	11.0	11.0
Marketings	222.1	226.7	226.0	229.5	228.6
Imports	5.6	5.8	5.6	5.5	5.5
Total Commercial Supply	237.9	243.4	242.5	246	245.1
Skim-Solids Basis Use					
Commercial Exports	47.2	51.7	51.4	51.8	51.8
Ending Commercial Stocks	10.9	11.0	11.0	11.3	11.1
CCC Donations	0.1	0.0	0.0	0.0	0.0
Domestic Commercial Use	179.7	180.7	180.0	182.9	182.2

CCC Donations include purchases made through the USDA Trade Mitigation program. They do not include products purchased under other programs. Dairy domestic commercial use for 2020 includes additional milk marketed but not processed. NOTE: Totals may not add due to rounding.

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October Milk Supply and Demand Estimates-cont'd

U.S. Dairy Prices					
Commodity	2020	2021 Projected		2022 Projected	
		Sep	Oct	Sep	Oct
<i>(dollars per pound)</i>					
Product Prices ¹					
Cheese	1.9236	1.6400	1.6800	1.6550	1.7150
Butter	1.5808	1.6900	1.6850	1.7300	1.7550
Nonfat Dry Milk	1.0417	1.2250	1.2450	1.2700	1.3800
Dry Whey	0.3621	0.5550	0.5650	0.5000	0.5100
<i>(dollars per cwt)</i>					
Milk Prices ²					
Class III	18.16	16.65	17.05	16.45	17.10
Class IV	13.49	15.55	15.70	16.05	17.15
All Milk ³	18.24	18.15	18.45	18.40	19.20
Quarterly					
	2021 III ⁵	2021 IV ⁵	2022 I ⁵	2022 II ⁵	2022 III ⁵
<i>(billion pounds)</i>					
Milk Production	56.1	56.0	57.3	58.6	57.0
<i>(dollars per cwt)</i>					
All Milk Price ⁴	17.95	19.80	19.30	19.00	18.85
Class III Price ²	16.32	17.91	16.99	16.81	17.30
Class IV Price ²	16.09	16.96	16.99	17.20	17.41

¹ Simple average of monthly prices calculated from AMS weekly average dairy product prices for class price computations. Details may be found by going to <http://www.ams.usda.gov/rules-regulations/mmr/dmr>; scroll down to Publications, National Dairy Products Sales Reports, and select Current Release & Archives.” ² Annual and quarterly Class III and Class IV prices are the simple average of monthly minimum Federal order milk prices paid by regulated plants for milk used in the respective classes. All milk price is the simple average of monthly prices received by farmers for milk at average test. ³ Does not reflect any deductions from producers as authorized by legislation. ⁴ Prices received by farmers for all milk. ⁵ Projection.

Source: U.S. Department of Agriculture. World Agricultural Outlook Board. *World Agricultural Supply and Demand Estimates, WASDE-616, October 12, 2021*. Approved by the Interagency Commodity Estimates Committee [members for Dairy are: Shayle Shagam, ICEC Chair, WAOB; Carolyn Liebrand, AMS; Paul Kiendl, FAS; Jerry Cessna, ERS; and Georgi Gabrielyan, FPAC].

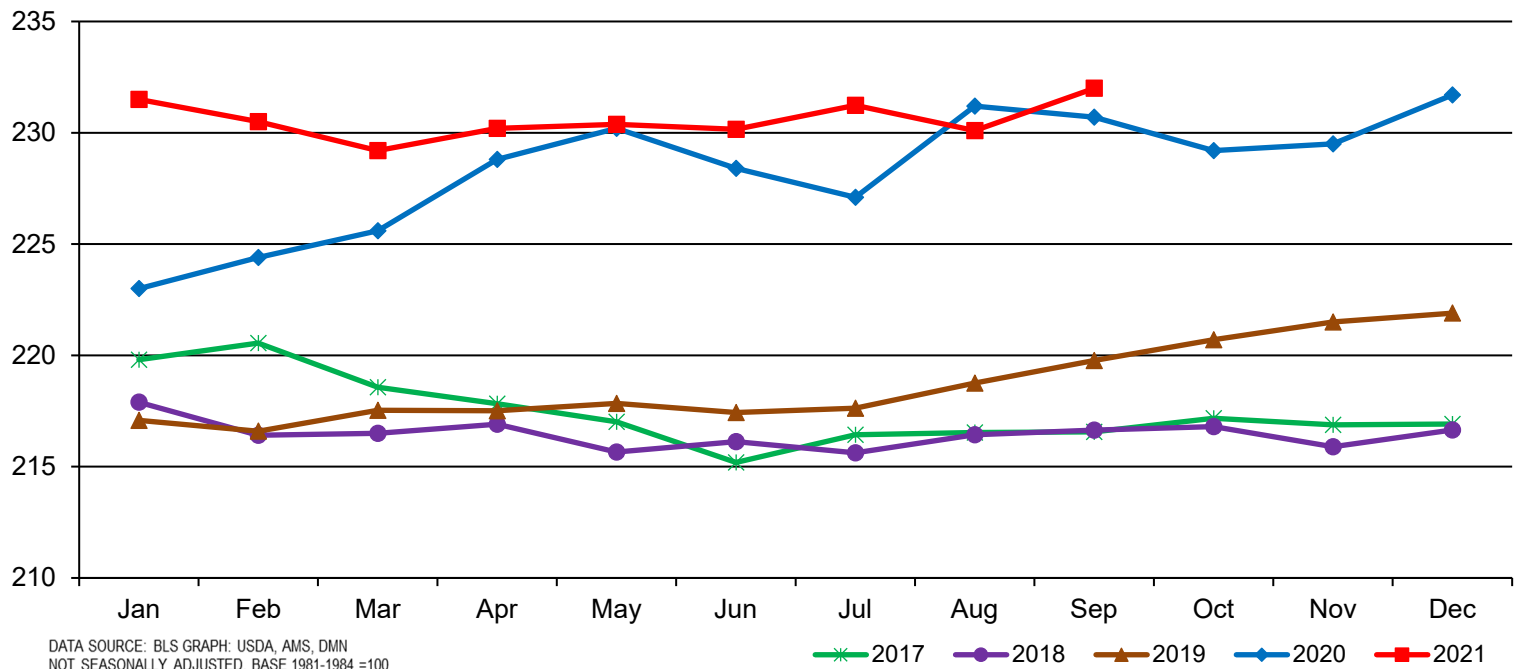
Consumer Price Index and Average Retail Prices for Selected Products, U.S. City Average ¹

Consumer Price Index												
Month	All Food		Dairy Products		Fresh Whole Milk		Cheese		Butter		Meat, Poultry, Fish, and Eggs	
	CPI ²	Pct. Chg ³	CPI ²	Pct. Chg ³	CPI ²	Pct. Chg ³	CPI ²	Pct. Chg ³	CPI ²	Pct. Chg ³	CPI ²	Pct. Chg ³
Jul 2021	278.1	3.4	231.2	1.8	226.4	8.1	238.7	0.1	251.3	0.0	287.0	5.9
Aug 2021	279.1	3.7	230.1	-0.5	224.4	2.9	238.7	-2.4	253.0	-0.6	288.4	8.0
Sep 2021	281.5	4.6	232.0	0.6	226.3	3.2	240.6	-1.0	247.9	-1.3	293.2	10.5

U.S. City Average Retail Prices											
Month	Whole Milk ⁴		Butter ⁵		Process Cheese ⁶		Natural Cheese ⁷		Ice Cream ⁸		
	2021	2020	2021	2020	2021	2020	2021	2020	2021	2020	
	<i>(dollars)</i>										
Jul	3.627	3.255	N/A	N/A	3.972	4.189	5.392	5.517	4.943	4.898	
Aug	3.560	3.406	N/A	N/A	3.977	4.285	5.336	5.572	4.918	4.950	
Sep	3.585	3.448	N/A	N/A	4.019	4.246	5.387	5.611	4.900	4.944	

N/A = Not available. ¹ "CPI Detailed Report," "Consumer Prices: Energy and Food," BLS, U.S. Department of Labor. According to BLS, average prices are best used to measure the price level in a particular month. To measure price change over time, the CPI is more appropriate. ² The standard reference base period for these indexes is 1982-1984 = 100. ³ Percent change over previous year. ⁴ Per gallon. ⁵ Per pound. Grade AA, salted, stick butter. ⁶ Per pound, any size and type of package. ⁷ Per pound, cheddar cheese in any size and type of package and variety (sharp, mild, smoked, etc). ⁸ Per 1/2 gallon prepackaged regular.

Consumer Price Index (CPI) for Dairy and Related Products



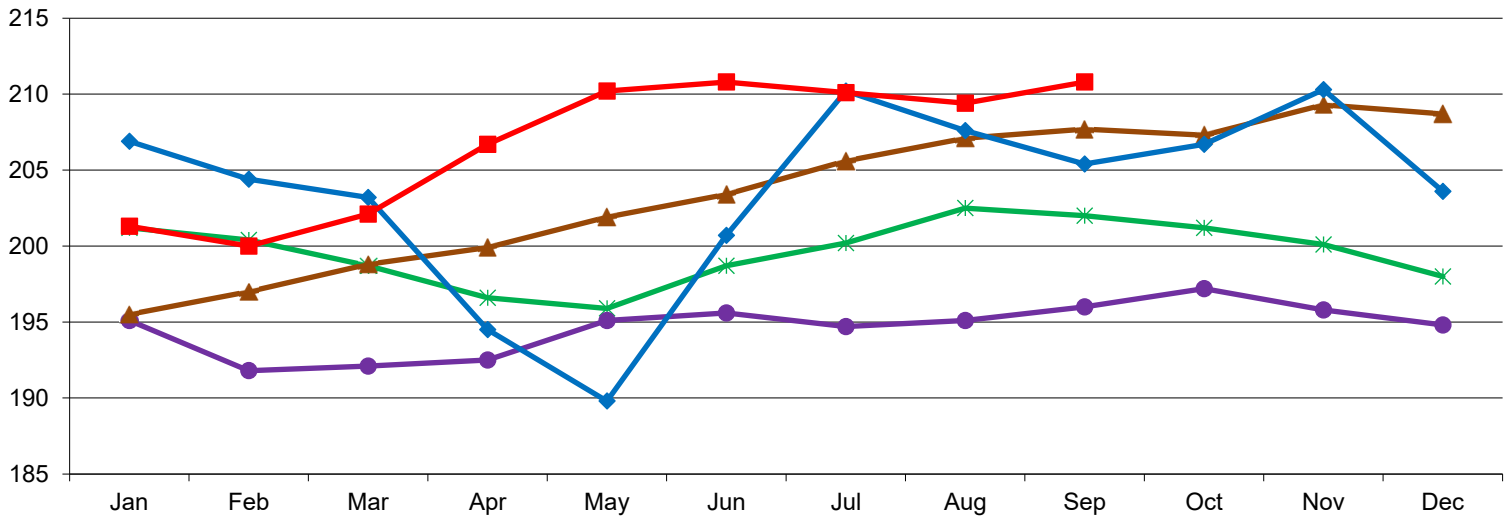
Producer Price Index (PPI)¹

Producer Price Index												
Month	All Food Manufacturing		Dairy Products		Fresh Whole Milk		Cheese		Butter		Dry Milk Products and Mixtures	
	PPI ¹	Pct. Chg ²	PPI ¹	Pct. Chg ²	PPI ¹	Pct. Chg ²	PPI ¹	Pct. Chg ²	PPI ¹	Pct. Chg ²	PPI ¹	Pct. Chg ²
Jul-21	223.3	10.5	210.1	0.0	233.9	4.8	188.5	-9.4	119.8	-2.1	218.7	27.4
Aug-21	228.9	13.6	209.4	0.9	231.8	-4.1	186.9	-5.1	117.5	9.5	218.7	26.1
Sep-21	231.1	14.5	210.8	2.6	230.8	-2.0	189.3	-2.7	125.8	20.8	217.6	25.7

1. The standard reference base period for these indexes is 1981-1984 = 100.

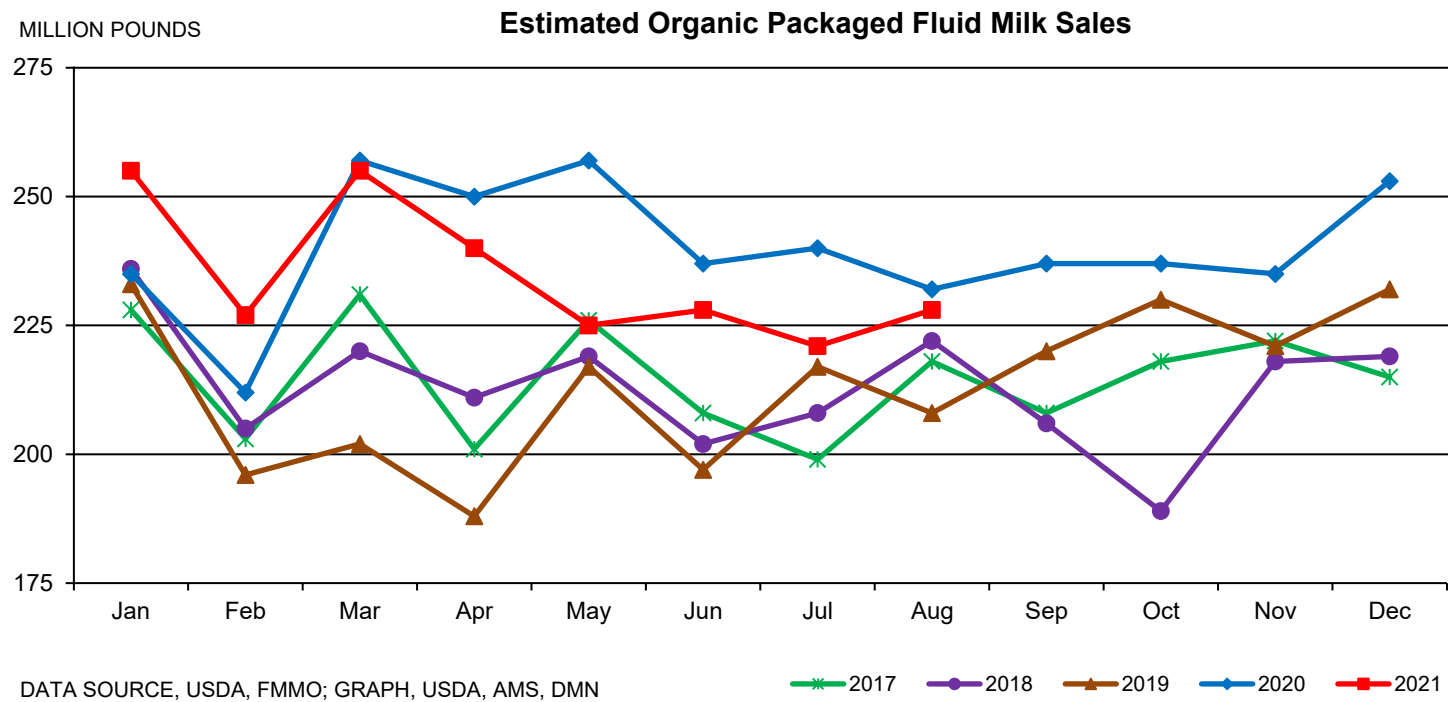
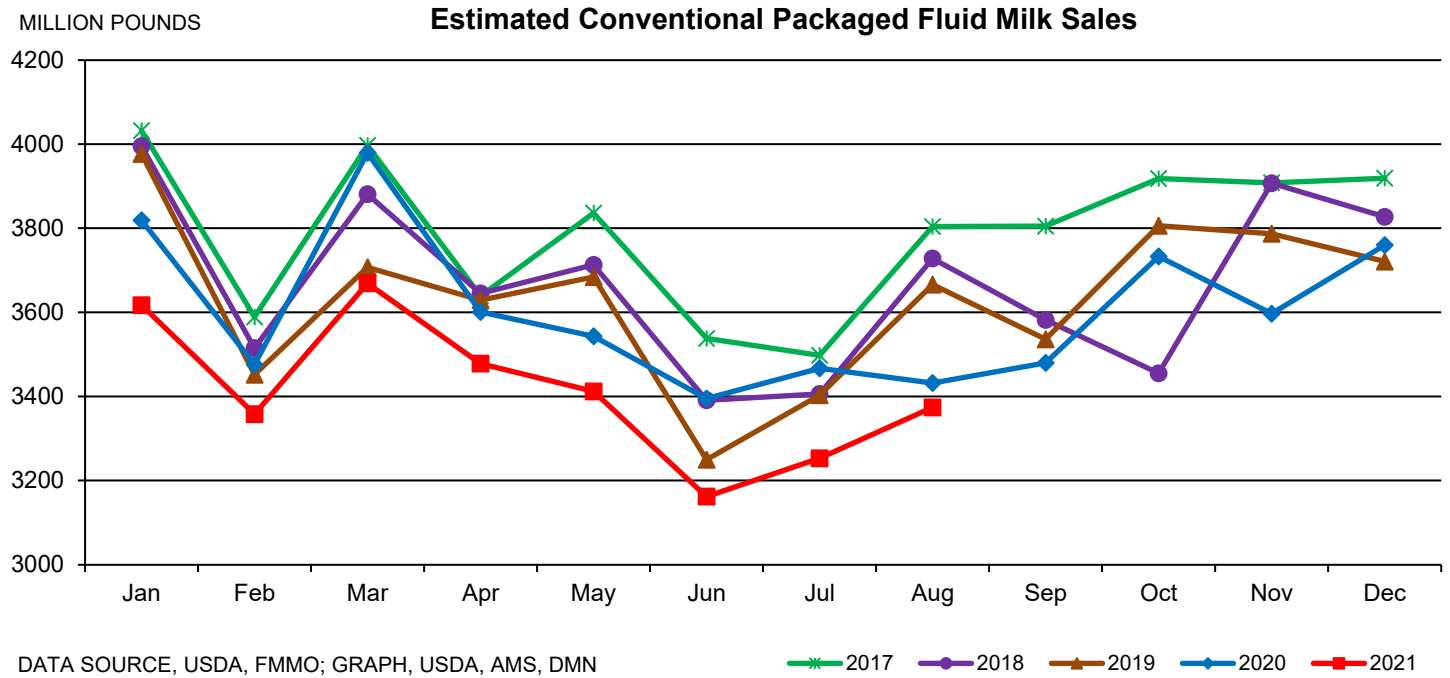
2. Percent change from previous year.

Producer Price Index (PPI) for Dairy Product Manufacturing



DATA SOURCE: BLS GRAPH: USDA, AMS, DMN
 NOT SEASONALLY ADJUSTED. BASE 1981-1984 =100

—* 2017
 —● 2018
 —▲ 2019
 —◆ 2020
 —■ 2021





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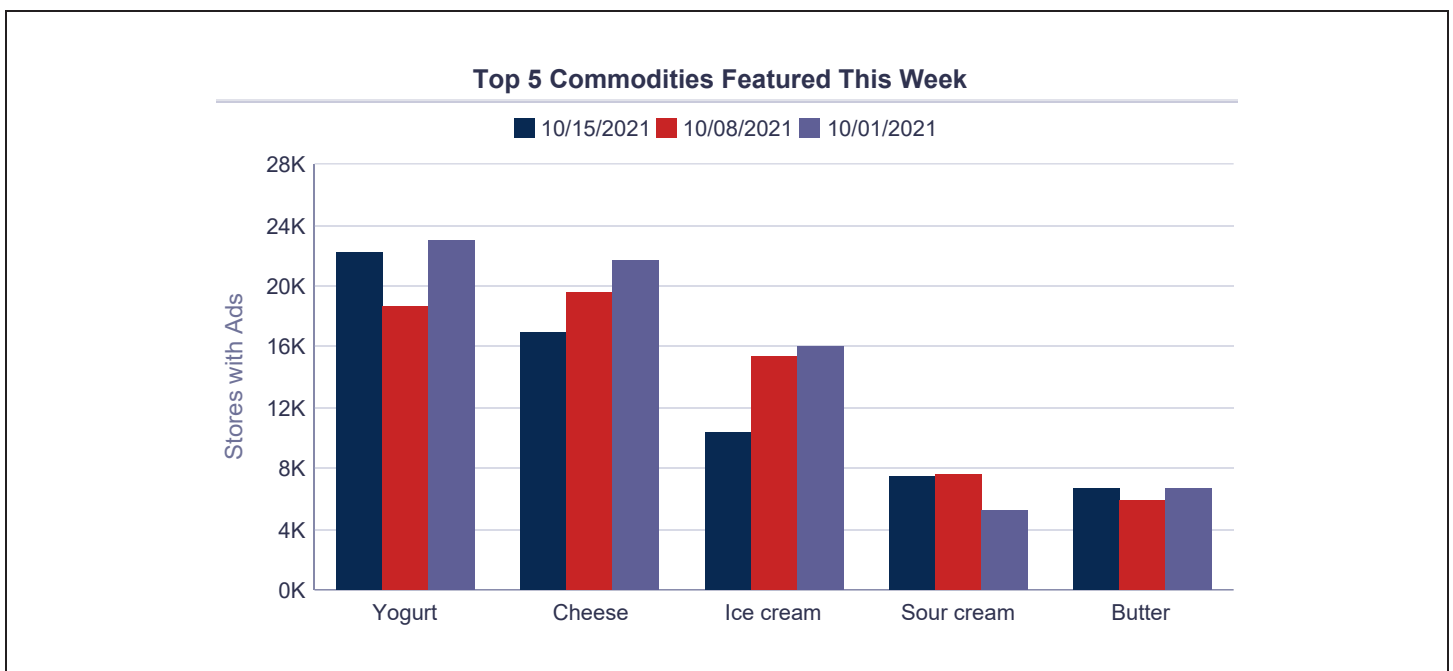
Advertised Prices for Dairy Products at Major Retail Supermarket Outlets ending during the period of 10/15/2021 to 10/21/2021

Advertisers are not deterred by the cooler weather as conventional ice cream, in 48-64 ounce containers, remains the most advertised retail dairy item. Conventional butter, in 1 pound packaging, increased in ad volumes, but decreased by \$.46 in weighted average advertised price, to \$2.85. Total conventional dairy ads decreased by eight percent, while organic ads moved up by ten percent.

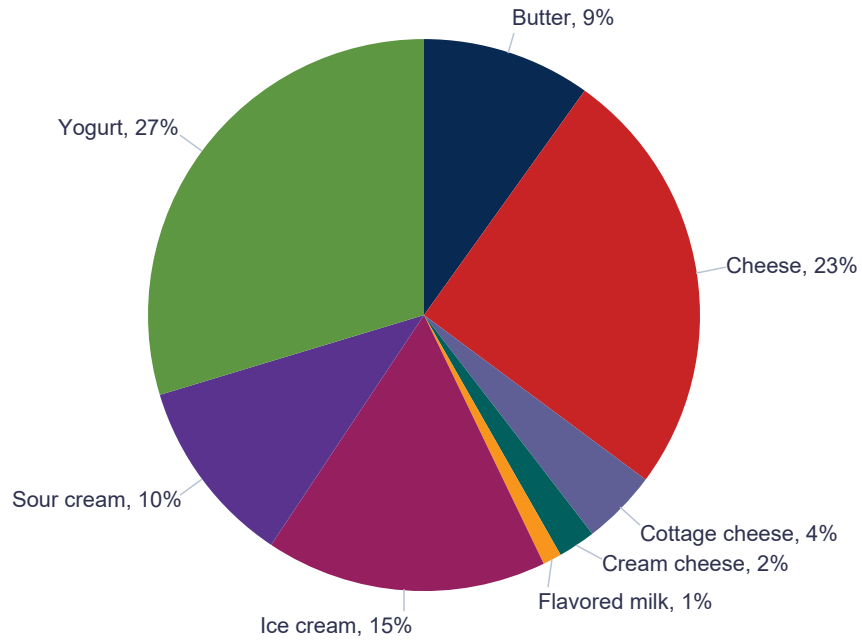
Total conventional cheese advertisement numbers decreased 14 percent. Conventional shredded cheese in eight ounce packaging has a weighted average price of \$2.34, compared to \$2.44 last week. Organic shredded eight ounce packaged cheese had a weighted average price of \$2.79, resulting in an organic premium of \$.45.

Conventional milk advertisements, in total, decreased 65 percent, while organic bottled milk ads increased 5 percent. As per usual, half gallon milk remains the most advertised organic dairy item this week. Conventional half gallon milk held a weighted advertised average price of \$2.18, compared to \$3.60 for the organic variety, resulting in an organic premium of \$1.42.

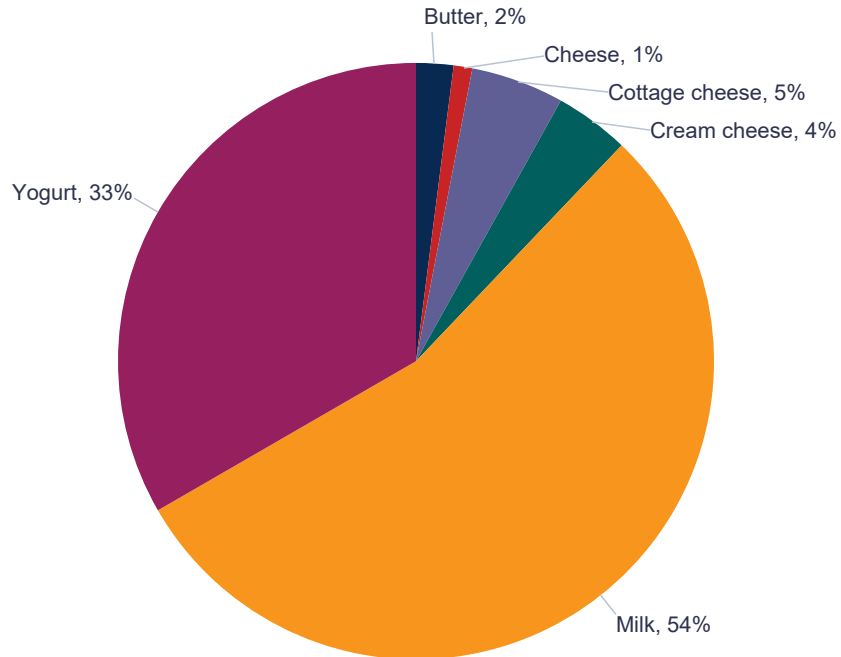
Total conventional and organic yogurt ads increased by 19 and 21 percent, respectively. Conventional yogurt in 4 to 6 ounce containers had a weighted average advertised price of \$.49, two cents below last week's price.



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 #	6488	2.85	5375	3.31	6400	3.26
Cheese	Natural Varieties	8 oz block	7325	2.43	4941	2.48	6862	2.52
Cheese	Natural Varieties	1 # block	1184	4.59	1216	4.60	4253	3.86
Cheese	Natural Varieties	2 # block	581	5.75	3420	5.36	945	6.64
Cheese	Natural Varieties	8 oz shred	7396	2.34	9195	2.44	8234	2.35
Cheese	Natural Varieties	1 # shred	335	3.99	756	4.65	1061	4.43
Cottage cheese		16 oz	3141	1.98	3338	1.91	3644	2.11
Cream cheese		8 oz	1735	1.97	3154	2.00	2260	2.29
Egg nog		half gallon			137	3.49	27	4.99
Flavored milk	All fat tests	half gallon	300	2.82	160	1.83	428	2.50
Flavored milk	All fat tests	gallon	418	3.90	167	4.99	299	3.35
Ice cream		48-64oz	10405	3.15	15351	3.13	10316	3.38
Milk	All fat tests	half gallon	205	2.18	621	2.18	1120	2.41
Milk	All fat tests	gallon	105	1.99	258	4.07		
Sour cream		16 oz	7460	1.69	7656	1.72	5188	1.93
Yogurt	Greek	4-6 oz	9305	.97	9813	.93	8223	.92
Yogurt	Greek	32 oz	4757	4.17	2966	4.56	3150	4.34
Yogurt	Yogurt	4-6 oz	4698	.49	3430	.51	2714	.50
Yogurt	Yogurt	32 oz	958	2.63	313	2.45	550	3.80

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 #	2.79-4.49	1404	3.29	1.97-3.00	816	2.51	1.97-4.49	1732	2.81
Cheese	Natural Varieties	8 oz block	1.88-3.00	1595	2.39	2.00-3.00	3931	2.59	1.67-2.00	315	1.89
Cheese	Natural Varieties	1 # block				3.99	64	3.99			
Cheese	Natural Varieties	8 oz shred	1.88-3.99	1767	2.38	2.00-3.50	2581	2.48	1.67-2.50	1114	2.16
Cheese	Natural Varieties	1 # shred				3.99	64	3.99			
Cottage cheese		16 oz	1.79-2.99	1521	2.33	0.89-2.50	544	2.12	0.89-2.49	669	1.43
Cream cheese		8 oz	1.30-3.00	840	2.26	1.50	334	1.50	1.79	69	1.79
Flavored milk	All fat tests	half gallon	2.69	167	2.69						
Flavored milk	All fat tests	gallon				3.50-5.49	418	3.90			
Ice cream		48-64oz	1.99-3.99	3589	3.04	1.99-5.99	1951	2.61	1.99-5.99	1782	3.33
Milk	All fat tests	half gallon	2.50	72	2.50						
Sour cream		16 oz	0.99-3.00	2420	2.00	0.89-2.50	2911	1.57	0.89-2.39	1110	1.35
Yogurt	Greek	4-6 oz	0.69-1.00	3441	.95	1.00-1.25	1454	1.02	0.99-1.00	1241	1.00
Yogurt	Greek	32 oz	3.99-5.49	1141	4.68	3.49-4.99	783	4.17	3.49-3.50	704	3.50
Yogurt	Yogurt	4-6 oz	0.50-0.60	1428	.54	0.40-0.50	1906	.49	0.33-0.60	642	.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	2.50	245	2.50	2.49	64	2.49	3.50	221	3.50

Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	1.97-3.00	784	2.44	1.77-3.00	736	2.16	1.79-4.29	1005	3.40
Cheese	Natural Varieties	8 oz block	2.00-2.50	521	2.05	1.99-3.00	831	2.31	1.67	105	1.67
Cheese	Natural Varieties	1 # block	2.99-4.99	490	4.42	3.99-4.99	498	4.71	4.99	121	4.99
Cheese	Natural Varieties	2 # block	7.99	118	7.99				4.99-5.29	463	5.18
Cheese	Natural Varieties	8 oz shred	1.69-3.00	686	2.10	1.99-2.50	983	2.21	1.67-2.49	210	2.08
Cheese	Natural Varieties	1 # shred	2.99	139	2.99				4.99	121	4.99
Cottage cheese		16 oz	0.89	210	.89	0.89-2.99	197	2.03			
Cream cheese		8 oz	1.50-1.99	175	1.65				1.67	289	1.67
Flavored milk	All fat tests	half gallon	2.99	133	2.99						
Ice cream		48-64oz	1.99-6.00	1002	3.26	1.99-4.99	1108	3.79	1.97-3.99	892	3.38
Milk	All fat tests	half gallon	2.00	133	2.00						
Milk	All fat tests	gallon							1.99	105	1.99
Sour cream		16 oz	0.89-2.29	1019	1.63						
Yogurt	Greek	4-6 oz	0.79-1.25	1255	.98	0.79-1.00	1465	.95	0.79-1.00	394	.94
Yogurt	Greek	32 oz	3.49-3.99	459	3.58	3.49-5.00	1211	4.15	4.39-4.99	410	4.57
Yogurt	Yogurt	4-6 oz	0.44	54	.44				0.33-0.50	647	.43
Yogurt	Yogurt	32 oz	3.50	78	3.50				1.79-2.98	350	2.00

Commodity	Type	Pack Size	ALASKA U.S.			HAWAII U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	2.49	11	2.49			
Cheese	Natural Varieties	8 oz block				2.49	27	2.49
Cheese	Natural Varieties	1 # block	5.49	11	5.49			
Cheese	Natural Varieties	8 oz shred	4.99	28	4.99	2.49	27	2.49
Cheese	Natural Varieties	1 # shred	5.49	11	5.49			
Cream cheese		8 oz	4.39	28	4.39			
Ice cream		48-64oz	2.29-4.49	33	3.59	4.39-6.49	48	5.44
Yogurt	Greek	4-6 oz	1.79	28	1.79	0.99	27	.99
Yogurt	Greek	32 oz	4.00-5.49	22	4.75	5.00	27	5.00
Yogurt	Yogurt	4-6 oz	0.70	21	.70			

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 #	156	4.29	589	5.38		
Cheese	Natural Varieties	8 oz shred	66	2.79				
Cottage cheese		16 oz	396	4.09			178	3.99
Cream cheese		8 oz	329	2.57	334	2.50	223	2.85
Milk	All fat tests	half gallon	3845	3.60	3683	3.90	1719	4.31
Milk	All fat tests	gallon	208	5.99	164	5.95	167	5.99
Sour cream		16 oz					178	2.99
Yogurt	Greek	4-6 oz			137	1.25		
Yogurt	Greek	32 oz	1446	3.88	444	3.62	169	6.27
Yogurt	Yogurt	4-6 oz					161	1.00
Yogurt	Yogurt	32 oz	1057	3.70	1496	3.76		

REGIONAL -- ORGANIC DAIRY PRODUCTS

Commodity	Type	Pack Size	NORTHEAST U.S.			SOUTHEAST U.S.			MIDWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	4.29	156	4.29						
Cottage cheese		16 oz				4.29	334	4.29			
Milk	All fat tests	half gallon	3.99-4.49	587	4.30	2.49-3.99	1067	3.55	2.49-5.28	955	3.43
Milk	All fat tests	gallon	5.99	147	5.99	5.99	61	5.99			
Yogurt	Greek	32 oz	3.99	110	3.99	3.50-3.99	1336	3.87			
Yogurt	Yogurt	32 oz	3.49-3.99	916	3.69						

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							2.79	66	2.79
Cottage cheese		16 oz				2.99	62	2.99			
Cream cheese		8 oz	2.59-2.69	160	2.64	2.50	169	2.50			
Milk	All fat tests	half gallon	2.49-3.00	360	2.69	2.49-4.49	744	3.81	2.99	105	2.99
Yogurt	Yogurt	32 oz	3.99	80	3.99				3.50	61	3.50



Commodity	Type	Pack Size	ALASKA U.S.			HAWAII U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Milk	All fat tests	half gallon				5.49	27	5.49

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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