

NATIONAL DAIRY MARKET NEWS AT A GLANCE

CME GROUP CASH MARKETS (8/19)

BUTTER: Grade AA closed at \$2.1900. The weekly average for Grade AA is \$2.2165 (-.0265).

CHEESE: Barrels closed at \$1.8650 and 40# blocks at \$1.8650. The weekly average for barrels is \$1.8650 (-.0120) and blocks, \$1.8220 (+.0260).

NONFAT DRY MILK: Grade A closed at \$0.8575. The weekly average for Grade A is \$0.8510 (+.0110).

BUTTER HIGHLIGHTS: Across the nation, butter production has slowed. Most manufacturers notice a reduction in available milk supply, slowing production schedules for some processors. Lower cream availability has pushed many butter makers to slow down butter churning rates, creating a tight market for near term butter needs. However, some processors are still able to meet short term demands and current orders, by finding spot loads of creams. Butter demand and inventories seem to remain similar to last week. Some suppliers are expecting a turnaround in supply as the expectation of increasing availability follows in the coming weeks. Bulk butter prices reported throughout the country range from 1 cent under to 8 cents over the market, based on the CME Group with various time frames and averages used. The Grade AA butter price at the CME Group on Friday closed at \$2.1900, down \$.0600 from a week ago.

CHEESE HIGHLIGHTS: Many U.S. cheese vats are less full this week as manufacturers face declining milk intakes. Producers in some areas of the Western region report more plentiful supplies than the rest of the nation. The pull for fluid milk into Class I is strong in the East and picking up in the Midwest, leaving less milk for cheese production. Mozzarella and provolone orders are strong in the East. Domestic demand is strong and industry contacts anticipate that demand will continue to climb. Inventories vary depending on the variety of cheese. Overall, stocks for young and fresh cheeses are tight while cheddar stocks are mostly long. Market participants in the East report balanced inventories. Western manufacturers are able to rotate cheese stocks held in warehouses. The market undertone is steady to firm. In CME Group trading Friday, barrels closed at \$1.8650, unchanged from last Friday and blocks closed at \$1.8650, up \$.0850.

FLUID MILK: Throughout most of the country, farm milk production is lower, excluding those areas where cow comfort avoids

the frustration of persistent daytime heat and humidity. Milk production in the mountainous states, Colorado, Idaho, and Utah is steady. Bottled milk demand continues to increase as more school districts begin the school year. The increasing demand for fluid milk has generated additional cream volumes, however, there is some tightness reported in pockets of the East and Midwest regions. Ice cream and frozen dessert demand is also strong, as operations continue to run full production schedules. Condensed skim is mostly moving under contract agreements versus spot load sales. Regionally, multiples for all Classes range 1.35-1.42 in the East; 1.21-1.35, Central; and 1.16-1.30, West.

DRY PRODUCTS: Prompted by mounting fluid demand, manufacturing milk declines affect the production of most dry ingredients. Condensed skim availability is well below most plants' drying capacity, thereby causing nonfat dry milk production to decline. Prices are mixed, with both the Central-East and West observing steady to higher prices in the mostly series. As well, dry buttermilk market prices are mixed. Inventories have tightened. Markets show signs of firmness. Dry whey prices are mostly higher. As buyers anticipate a firming market, volume purchases are on the rise. Whole milk prices are steady on light trading. Whey protein concentrate 34% prices are higher. WPC 34% demand is active, with customers requesting additional loads. The lactose price range is steady to higher. Active demand from export markets is helping to drive current lactose prices. Casein prices moved higher, with a drop in New Zealand and EU casein output expected in the months ahead.

POSITION OPENINGS—DAIRY MARKET NEWS: Below are links to job openings available at Dairy Market News in Madison, Wisconsin. The application period is from August 18 – 24th.

Pathways Recruitment Event – (GS-7 ACWA) - PATHRDY-AMS-2016-0373: <https://www.usajobs.gov/GetJob/ViewDetails/447715800>

Pathways Recruitment Event – (GS-9) - PATHRDY-AMS-2016-0372: <https://www.usajobs.gov/GetJob/ViewDetails/447705000>

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CME GROUP CASH TRADING

COMMODITY	MONDAY AUG 15	TUESDAY AUG 16	WEDNESDAY AUG 17	THURSDAY AUG 18	FRIDAY AUG 19	WEEKLY CHANGE*	WEEKLY AVERAGE#
CHEESE							
BARRELS	\$1.8650 (N.C.)	\$1.8650 (N.C.)	\$1.8650 (N.C.)	\$1.8650 (N.C.)	\$1.8650 (N.C.)	(N.C.)	\$1.8650 (-.0120)
40# BLOCKS	\$1.7800 (N.C.)	\$1.7800 (N.C.)	\$1.8200 (+.0400)	\$1.8650 (+.0450)	\$1.8650 (N.C.)	(+.0850)	\$1.8220 (+.0260)
NONFAT DRY MILK							
GRADE A	\$.8250 (-.0075)	\$.8425 (+.0175)	\$.8650 (+.0225)	\$.8650 (N.C.)	\$.8575 (-.0075)	(+.0250)	\$.8510 (+.0110)
BUTTER							
GRADE AA	\$2.2500 (N.C.)	\$2.2400 (-.0100)	\$2.2025 (-.0375)	\$2.2000 (-.0025)	\$2.1900 (-.0100)	(-.0600)	\$2.2165 (-.0265)

CHEESE: carload = 40,000 lbs., BUTTER: carlot = 40,000-43,000 lbs. *Sum of daily changes. # Weekly averages are simple averages of the daily closing prices for the calendar week.
Computed by Dairy Market News for international purposes. This data is available on the Internet at WWW.AMS.USDA.GOV/MARKET-NEWS/DAIRY

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

NATIONAL RETAIL REPORT (DMN): This week 4-6 oz. conventional Greek yogurt is the single most advertised dairy product, with an average price of \$0.91, no change from last week's price. Close behind the number of 4-6 oz. conventional Greek yogurt is the number of ads for conventional ice cream in 48 to 64 oz. containers, with an average price of \$2.90, down from \$2.94. Total conventional dairy ad numbers increased 15%, but organic dairy ad numbers decreased 15%. There are over 8 times as many conventional dairy ads as organic dairy ads. The price spread between organic and conventional half gallon milk is \$2.37. Last week the spread was \$2.08. The price spread is the difference between the national weighted average price for organic, \$3.75, and conventional, \$1.38. There are about 8 times as many organic half gallon ads as conventional half gallons. The U.S. advertised price for 8 ounce conventional cheese blocks averaged \$2.12, down 5 cents from last week; 8 ounce shred cheese averaged \$2.29, up 4 cents from last week. Ads for 8 ounce organic shred cheese average \$3.60, an organic premium of \$1.31. The number of conventional cheese ads increased 17%, and organic cheese ads increased 20% this week. The national weighted average price for conventional 1 pound butter is \$3.41, while organic 1 pound butter is \$4.99, an organic premium of \$1.58. When compared to the previous week, the volume of ad numbers for conventional butter decreased 19%, while organic butter ad numbers decreased 57%. There are more than 14 times as many ads for conventional butter than organic butter.

INTERNATIONAL DAIRY MARKET NEWS (DMN): WESTERN AND EASTERN EUROPE: WESTERN OVERVIEW: In Western Europe, seasonal declines in milk production have accelerated because of summer heat in some areas. Informal estimates from German processors have some intakes down near 2% from a week ago. Components are also dropping. EU milk deliveries during June were 1.9% below June last year, according to Eurostat. This is the first monthly decline since the 1.7% decline during March 2015. Among the largest Western European milk producing nations, January-June Germany is up 3.7%; Ireland is up 10.3%; France is even; and the Netherlands is up 12.7%. EU processors tend to welcome the overall EU lower production data, believing that it will contribute to firming dairy prices. A factor contributing to lower production is less feeding of concentrates, a decision many producers made to help improve cash flows. Cow culling was up in some areas. In Germany, January-June 2016, 9.1% more cows were sent to slaughter than the prior year, another way producers sought to reduce operational costs and raise revenue. The trend of milk production reduction and fewer cows has some processors looking optimistically to the first quarter of 2017 as a time of enhanced profitability resulting from greater price strength in EU dairy markets. **EASTERN OVERVIEW:** Milk production volumes and patterns in Eastern Europe are varied. January-June 2016 production increased compared with one year earlier in the Czech Republic +14.3%; Poland +5.1%; Romania +6.8%; and Slovenia +6.3%. Decreased occurred in Lithuania -1.0%; and Slovakia -3.0%. **OCEANIA OVERVIEW:** There has been a mostly slow hay market reported across Australia, continuing the trend of recent weeks. Good rainfall improving pastures has reduced the need for hay purchases. Unlike the U.S. milk pricing system with advance and class prices set by formulas, in Australia, some dairy cooperatives set estimated milk pay prices in advance, subject to later adjustment. Many dairy producers in Australia recently had their milk prices retroactively reduced for the final two months of the 2015/16 season, leaving many owing a debt to the processor. Prices for the new season are lower than many expected. This leaves many

dairy producers in a very tough financial situation. National awareness is now growing beyond the agricultural sector into more general broadcast news. This week nationally broadcast television investigative reports about the state of the dairy industry aired. That was followed by the Australian Prime Minister becoming involved, beginning meetings with leadership of a dairy processor some affected producers are now indebted to following the retroactive price adjustment. While the situation is under discussion, many producers are culling herds and/or seeking other processors. All of this leaves the Australian dairy situation in a very fluid state. At the August 16 GDT event #170 in **New Zealand**, average prices ranged from 2.5% to 18.9% higher from the prior event across categories where contracts were executed. The all contracts price averages (US\$ per MT) and percent changes from the previous average are: anhydrous milk fat, \$4,148 +8.4%; butter, \$3,274 +14.1%; buttermilk powder, \$1,983 +18.1%; cheddar cheese, \$3,157 +8.9%; lactose, \$763 +3.5%; rennet casein, \$6,326 +2.5%; skim milk powder, \$2,028 +3.0%; and whole milk powder, \$2,695 +18.9%. The strong positive GDT price movement resulted from substantial sales to China and areas of Southeast Asia, which comprised the vast majority of contracts. A significant majority of total volumes of all products was accounted for by whole milk powder sales. Therefore, the sustainability of this price strength is not easily determined at this time. While the New Zealand milk peak season will occur in months ahead.

AUGUST SUPPLY AND DEMAND ESTIMATES (FMMO): The milk production forecast for 2016 is lowered from last month as growth in milk per cow is reduced. However, the production forecast for 2017 is raised as higher forecast milk prices and lower feed costs in late 2016 and 2017 are expected to lead to a modest expansion in the cow inventory and more rapid growth in milk per cow. Fat basis exports are raised for 2016 on continued strength in whole milk powder (WMP) exports. The forecast for 2017 is unchanged. On a skim-solids basis, the export forecasts for 2016 and 2017 are raised on higher sales of WMP and whey products. Imports are raised for 2016 and 2017 as imports of fat-containing products have increased. Fat basis stocks are forecast higher as stocks of butter remain high, but on a skim-solids basis, stocks are reduced. Cheese, nonfat dry milk (NDM) and whey prices for 2016 are forecast higher as demand remains firm, but the forecast for butter price is reduced as stocks remain larger than expected. The Class III price is raised, reflecting higher cheese and whey prices, but the Class IV price is lowered as the lower butter price more than offsets the higher NDM price. For 2017, prices of cheese, butter, and whey are increased, but NDM is unchanged from last month. The Class III and Class IV price forecasts are raised on the stronger component prices. The all milk prices are forecast higher at \$16.25 to \$16.45 per cwt for 2016 and \$16.15 to \$17.15 per cwt for 2017.

JUNE MILK SALES-REVISED (FMMO & CDF): During June 3.8 billion pounds of packaged fluid milk products were estimated to have been sold in the United States. This was 1.4% lower than June 2015. Estimated sales of total conventional fluid milk products decreased 1.8% from June 2015 and estimated sales of total organic fluid milk products increased 6.7% from a year earlier.

SEPTEMBER FEDERAL ORDER ADVANCE CLASS PRICES (FMMO): Under the Federal milk order pricing system, the base Class I price for September 2016 is \$16.56 per cwt. This price is derived from the advanced Class III skim milk pricing factor of \$8.17 and the advanced butterfat pricing factor of \$2.4775. A Class I

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differential for each order's principle pricing point (county) is added to the base price to determine the Class I Price. The base Class I price increased \$1.49 per cwt when compared to the previous month of August 2016. For selected consumer products, the price changes are: whole milk (3.25% milk fat), \$1.53 per cwt, \$0.132 per gallon; reduced fat milk (2%), \$1.71 per cwt, \$0.147 per gallon; fat-free (skim milk), \$1.94 per cwt, \$0.167 per gallon. The advanced Class IV skim milk pricing factor is \$6.09. Thus, the Class II skim milk price for September 2016 is \$6.79 per cwt, and the Class II nonfat solids price is \$0.7544.

JULY FEDERAL MILK ORDER MARKETING AND UTILIZATION SUMMARY (FMMO): Handler reports of receipts and utilization under the Federal milk order system for July 2016 have been filed and tabulated. Combined totals for the 10 consolidated orders are being released. During July, more than 11.4 billion pounds of milk were received from Federally pooled producers. This volume of milk is 23.1 percent higher than the July 2015 volume. Regulated handlers pooled 3.131 billion pounds of producer milk as Class I products, down 4.6 percent when compared to the previous year. Class I utilization decreased from last year in all 10 of the Federal Milk Order Marketing areas. The all-market average Class utilization percentages were: Class I = 27%, Class II = 14%, Class III = 44%, and Class IV = 15%. The weighted average statistical uniform price was \$15.78 per cwt, up \$1.43 from last month but down \$1.00 from last year.

CME GROUP**MONDAY, AUGUST 15, 2016**

CHEESE -- SALES: 8 CARS 40# BLOCKS: 5 @ \$1.7775, 1 @ \$1.7800, 1 @ \$1.7775, 1 @ \$1.7800; LAST BID UNFILLED: NONE; LAST OFFER UNCOVERED: 2 CARS BARRELS @ \$1.8650; 1 CAR 40# BLOCKS @ \$1.7900

NONFAT DRY MILK -- SALES: 2 CARS GRADE A: 1 @ \$0.8200, 1 @ \$0.8300; LAST BID UNFILLED: 1 CAR GRADE A @ \$0.8200; LAST OFFER UNCOVERED: 1 CAR GRADE A @ \$0.8250
 BUTTER -- SALES: NONE; LAST BID UNFILLED: 2 CARS GRADE AA @ \$2.2500; LAST OFFER UNCOVERED: 1 CAR GRADE AA @ \$2.2700

TUESDAY, AUGUST 16, 2016

CHEESE -- SALES: NONE; LAST BID UNFILLED: NONE; LAST OFFER UNCOVERED: 1 CAR BARRELS @ \$1.8750; 1 CAR 40# BLOCKS @ \$1.7800

NONFAT DRY MILK -- SALES: 1 CAR GRADE A @ \$0.8400; LAST BID UNFILLED: 1 CAR GRADE A @ \$0.8425; LAST OFFER UNCOVERED: 1 CAR GRADE A @ \$0.8500

BUTTER -- SALES: 4 CARS GRADE AA: 3 @ \$2.2800, 1 @ \$2.2400; LAST BID UNFILLED: NONE; LAST OFFER UNCOVERED: 2 CARS GRADE AA @ \$2.2400

WEDNESDAY, AUGUST 17, 2016

CHEESE -- SALES: 7 CARS 40# BLOCKS: 2 @ \$1.7800, 1 @ \$1.7850, 1 @ \$1.7900, 1 @ \$1.8000, 1 @ \$1.8100, 1 @ \$1.8200; LAST BID UNFILLED: NONE; LAST OFFER UNCOVERED: 1 CAR BARRELS @ \$1.8650; 1 CAR 40# BLOCKS @ \$1.8300

NONFAT DRY MILK -- SALES: 1 CAR GRADE A @ \$0.8650; LAST BID UNFILLED: 2 CARS GRADE A @ \$0.8650; LAST OFFER UNCOVERED: 1 CAR GRADE A @ \$0.8750

BUTTER -- SALES: 7 CARS GRADE AA: 1 @ \$2.2000, 1 @ \$2.1950, 4 @ \$2.2000, 1 @ \$2.2025; LAST BID UNFILLED: 1 CAR GRADE AA @ \$2.2000; LAST OFFER UNCOVERED: 1 CAR GRADE AA @ \$2.2100

THURSDAY, AUGUST 18, 2016

CHEESE -- SALES: 10 CARS 40# BLOCKS: 1 @ \$1.8300, 2 @ \$1.8400, 2 @ \$1.8450, 2 @ \$1.8500, 2 @ \$1.8600, 1 @ \$1.8650; LAST BID UNFILLED: NONE; LAST OFFER UNCOVERED: 1 CAR 40# BLOCKS @ \$1.8700

NONFAT DRY MILK -- SALES: 3 CARS GRADE A @ \$0.8650; LAST BID UNFILLED: NONE; LAST OFFER UNCOVERED: 1 CAR GRADE A @ \$0.8650

BUTTER -- SALES: NONE; LAST BID UNFILLED: 1 CAR GRADE AA @ \$2.1925; LAST OFFER UNCOVERED: 1 CAR GRADE AA @ \$2.2000

FRIDAY, AUGUST 19, 2016

CHEESE -- SALES: 2 CARS 40# BLOCKS @ \$1.8650; LAST BID UNFILLED: 1 CAR BARRELS @ \$1.8550; LAST OFFER UNCOVERED: 1 CAR BARRELS @ \$1.8750; 1 CAR 40# BLOCKS @ \$1.8750

NONFAT DRY MILK -- SALES: 2 CARS GRADE A: 1 @ \$0.8500, 1 @ \$0.8575; LAST BID UNFILLED: NONE; LAST OFFER UNCOVERED: 3 CARS GRADE A @ \$0.8600

BUTTER -- SALES: 4 CARS GRADE AA: 1 @ \$2.1800, 3 @ \$2.1900; LAST BID UNFILLED: 1 CAR GRADE AA @ \$2.1825; LAST OFFER UNCOVERED: 2 CARS GRADE AA @ \$2.2000

BUTTER MARKETS**NORTHEAST**

Area milk production and available milk supply volumes are lower due to seasonal factors. In response, the Northeastern butter market is seeing a reduction in butter churning rates. Several balancing plants, capable of producing butter, have suspended churning schedules. With increased fluid sales and lower cream availability in some instances, a few butter makers are only able to produce the volumes needed to cover near term contracts. Private labels are moving well. Sources report the Northeast cash price for bulk butter is 5 to 8 over the market, based on the CME Group, and depending on various time frames and averages used. Market interest is active. Some regional suppliers are regulating sales to spot buyers on a per week basis, with the expectation of increasing availability in the coming month. The DMN *National Retail Report-Dairy*, for August 12-18, reported the national weighted average advertised price for 1-pound butter at \$3.23, up 24 cents from last week and up 12 cents from a year ago. The Northeast regional price is \$3.77, up 45 cents from the previous week. Tuesday's CME Group cash trading saw Grade AA butter close at \$2.2400, down \$0.0175 from a week ago.

CENTRAL

Butter churns are slowing for some manufacturers in the Central region this week. Milk intakes are falling and production schedules are less active for several processors. However, some manufacturers are maximizing intakes and are keeping production schedules as full as possible. While milk intakes are down, cream remains available in the Central region. Several manufacturers report purchasing spot loads of cream this week to fill churns. A few manufacturers are microfixing bulk butter for upcoming commitments and anticipate growth in demand as Midwest schools begin again. Demand is steady from retail and food service outlets. A few buyers seeking butter, who had little success in previous weeks, were able to make purchases this week. Bulk butter prices reported ranged from market to 7.5 cents over the market, with various time frames and averages

used. Inventories are comfortable to long in the Central region. There is little international involvement in the current market. The market undertone is steady. The DMN *National Retail Report-Dairy* for August 12-18 noted the national weighted average advertised price for a 1 pound package of butter was \$3.23, \$0.24 above one week ago, and \$0.12 above one year ago. Prices in the Midwest region for 1 pound packages of butter range from \$2.99-\$3.49 with a weighted average price of \$3.26. The weighted average price in the South Central region was \$3.04 with a price range of \$2.50-\$3.50. Wednesday at the CME Group, Grade AA butter closed at \$2.2025, down \$.0175 from last Wednesday.

WEST

Western butter production continues at a steady pace. Manufacturers generally report being content with the cream available for butter making. As a whole, they are not actively seeking much additional cream to fill butter production runs. A few processors have stopped or slowed their churns and are selling cream to Class II manufacturers. Inventories are large. Many industry contacts are comfortable with butter stock levels and with the knowledge that Q4 butter needs can be met. Domestic print demand is solid. Some butter makers are shifting production from bulk to print butter to meet current requests. The DMN *National Retail Report-Dairy* for the week of August 12-18 found that the U.S. weighted average advertised price of 1 pound butter is \$3.23, up \$.24 from last week. The U.S. weighted average price is up \$.12 from \$3.11 one year ago. In the Southwest, the weighted average advertised price of 1 pound butter is \$2.78, with a price range of \$2.47-\$3.50. In the Northwest, the weighted average advertised price of 1 pound butter is \$3.29, with a price range of \$2.49-\$3.79. Bulk butter pricing in the West this week is 1 cent under market to 3 cents above, based on the CME Group with various time frames and averages used. The Grade AA butter price at the CME Group on Wednesday closed at \$2.2025, down \$.0175 from a week ago.

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

<u>WEEK ENDING</u>	<u>BUTTER</u>	<u>CHEESE 40# BLOCKS</u>	<u>CHEESE BARRELS 38% MOISTURE</u>	<u>DRY WHEY</u>	<u>NDM</u>
August 13, 2016	2.2188 3,421,805	1.7327 13,242,676	1.8433 9,945,980	.2827 8,131,887	.8534 13,357,303

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

CHEESE MARKETS

NORTHEAST

Some area cheese plants are operating at levels less than capacity as milk supplies continue to move lower due to falloffs in availability. To accommodate stronger cheese production, to meet near term customer requirements, needed milk supplies are being rerouted. Surplus milk is limited in the spot market. Customer cheese orders for mozzarella and provolone are strong into the fall period. In general, the Northeast market realizes good demand and developing interest from various food service outlets. Manufacturers' cheese stocks remain balanced. The market maintains a firm undertone, with the CME weekly average block and barrel prices inching higher over the previous seven weeks. The Northeast wholesale cheese price continues to trend upward. Wholesale cheese block and Muenster prices rose \$.0300, while the cheese barrel price increased \$0.0550. The Grade A Swiss Cuts price is steady. The DMN *National Retail Report-Dairy*, for August 12-18, the weighted average advertised price for 8 oz. cheese blocks in the Northeast was \$2.23, 6 cents more than the national price and 12 cents more than the previous report. The Southeast 8 oz. block cheese price was \$2.32, 5 cents less than the previous week. The weighted average price for 8 oz. shredded cheese in the Northeast was \$2.30, 5 cents more than the national price and 4 cents more than the previous week. The Southeast 8 oz. shredded cheese price was \$2.43, 5 cents less than the previous week.

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

Cheddar 40# Block	:	2.1975-2.4825
Process 5# Sliced	:	2.0775-2.5575
Muenster	:	2.2200-2.5700
Grade A Swiss Cuts 10 - 14#	:	2.8650-3.1875

CENTRAL

Cheese production varies across the Central region this week. As Class I demand grows, some cheese manufacturers are facing dwindling milk supplies. Many manufacturers report maximizing current milk intakes and are keeping vats as full as possible. Several manufacturers continue to fortify to offset falling milk intakes. Spot loads of milk are increasingly difficult to come by and few manufacturers report purchasing additional loads of fluid milk. Industry contacts feel that overall demand for cheese continues to grow in the Central region. Buyers are requesting additional loads outside of contracts. Some suppliers report numerous calls from new buyers looking for a variety of cheeses. Market participants seem optimistic that cheese demand will continue to grow throughout the month. Inventories are mixed in the Central region. Cheddar cheese stocks are a little heavy, but have seen some relief over the past few weeks. Inventories for curds, fresh cheeses, and provolone are all reportedly light. International interest continues to be quiet. The market undertone is steady. The DMN *National Retail Report-Dairy* shows that August 12-18 Midwest ads for 8 ounce shred cheese have a weighted average advertised price of \$1.89, 36 cents lower than the national average. Midwest prices range from \$1.49-\$2.25. One year ago, the national price was \$2.35. For 8 ounce blocks, the Midwest average price is \$1.99, 18 cents below the national average price. Midwest ads are priced from \$1.49-\$2.50. Last year, the national price was \$2.36. This week, a cooperative export assistance program accepted requests for 1.506 million pounds of cheese. So far this year, the program has accepted assistance requests for 32.161 million pounds of cheese. In CME Group trading Wednesday, barrels closed at \$1.8650, down \$.0150 from last Wednesday and blocks closed at \$1.8200 up \$.0300 from last Wednesday.

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

Process American 5# Loaf	:	1.9700-2.3300
Brick And/Or Muenster 5#	:	2.1675-2.5925
Cheddar 40# Block	:	1.8950-2.2900
Monterey Jack 10#	:	2.1425-2.3475
Blue 5#	:	2.4350-3.4225
Mozzarella 5 - 6# (Low Moisture, Part Skim)	:	1.9675-2.9075
Grade A Swiss Cuts 6 - 9#	:	2.3825-2.5000

WEST

Western cheese production remains active. Although plenty of milk is available for processing across much of the West, cheese makers in parts of the region are scrambling to get a few extra loads of milk due to seasonal declines in milk production and the increased draw of fluid milk for school startups. Cheese inventories are long, but holding relatively steady. A few industry contacts suggest manufacturers are able to rotate cheese stocks held in their warehouses. Supplies of young cheese, blocks and barrels, are still somewhat limited and continue to push cheese prices at auction markets. Domestic retail demand is solid and manufacturers report cheese is moving well. However, a few industry contacts note a slight downturn for cheese entering food service markets. The DMN *National Retail Report-Dairy* for the week of August 12-18 shows the U.S. weighted average advertised retail price for an 8 ounce pack of natural shredded cheese is \$2.25, down \$.04 from last week, and down \$.10 from a year ago. Packs average \$2.18 in the Southwest and \$1.82 in the Northwest. For 8 ounce blocks, the U.S. price is \$2.17, up \$.03 from last week, but down \$.19 from a year ago. Blocks average \$1.97 in the Southwest and \$1.43 in the Northwest this week. In the West, wholesale prices are up \$.0550 for process, and up \$.0300 for cheddar block, cuts, and Monterey Jack. Swiss cut wholesale prices are unchanged. This week, a cooperative export assistance program accepted 13 requests for 1.5 million pounds (683 metric tons) of cheese. So far this year, the program has assisted member cooperatives who have contracts to sell 32.2 million pounds of cheese in export markets. In CME Group trading Wednesday, barrels closed at \$1.8650, down \$.0150 from a week ago and blocks closed at \$1.8200, up \$.0300.

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

Process 5# Loaf	:	1.9850-2.2425
Cheddar 40# Block	:	1.9000-2.3450
Cheddar 10# Cuts	:	2.0800-2.3000
Monterey Jack 10#	:	2.0900-2.2500
Grade A Swiss Cuts 6 - 9#	:	2.4425-2.8725

FOREIGN

In the EU, demand for sliced cheese is strong with limited supplies. Semi hard cheese demand is robust. Manufacturers are attempting to increase cheese production but with seasonally declining milk production, this is difficult to achieve. Thus, cheese continues to be taken out of aging programs to meet current demand. Many dairy product manufacturers have determined that making cheese currently is more profitable than making skim milk powder or butter, so what extra milk there is frequently goes into cheese. Nevertheless, the lower milk availability

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CHEESE MARKETS

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is straining existing cheese stocks. In the U.S., wholesale domestic blue, gorgonzola, parmesan and Romano cheese prices increased \$0.0300 following higher weekly average CME Group block prices. The remaining prices 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	: 2.3625-3.8500*
Gorgonzola	: 3.6900-5.7400	: 2.8700-3.5875*
Parmesan (Italy)	: -0-	: 3.7525-5.8425*
Romano (Cows Milk)	: -0-	: 3.5525-5.7025*
Sardo Romano (Argentine)	: 2.8500-4.7800	: -0-
Reggianito (Argentine)	: 3.2900-4.7800	: -0-
Jarlsberg-(Brand)	: 2.9500-6.4500	: -0-
Swiss Cuts Switzerland	: -0-	: 2.9025-3.2250
Swiss Cuts Finnish	: 2.6700-2.9300	: -0-

* = Price change.

COLD STORAGE

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

	BUTTER	CHEESE
08/15/16	30,079	90,988
08/01/16	29,546	92,876
CHANGE	533	-1,888
% CHANGE	2	-2

FLUID MILK AND CREAM

EAST

SPOT SHIPMENTS OF GRADE A MILK INTO OR OUT OF FLORIDA & SOUTHEASTERN STATES

	THIS WEEK		LAST WEEK		LAST YEAR	
	IN	OUT	IN	OUT	IN	OUT
FLORIDA	65	0	70	0	60	0
SOUTHEAST STATES	0	0	0	0	50	0

Hot and humid weather, with frequent rainfall, affects milk production throughout the East region. Some of the heaviest showers fell in drought-affected areas of Northeast. Reports indicate that cumulative milk production through July, in Northeast milk shed states, is up 2.7%. Producers' milk continues its seasonal decline. Several manufacturers scheduled downtime for maintenance activities as milk intakes ease behind stronger Class I sales. Following the requests of bottlers, the percentage of milk that will pool into Class I supply plants will be reduced 5% for the months of September, October and November. Farm-level milk production in the Mid-Atlantic is lower. Manufacturing milk supplies in the area are reduced as increased Class I demand in the Southeast pulls supplies out of processing venues. Some balancing plants report significant falloff in milk intakes. Milk output continues to decline in the Southeast along the seasonal trend. Nearly all milk supplies are used to fill fluid needs as sales surge with the replenishing of school pipelines. Sources report some loads shifting to the Midwest bottling. Hence, area manufacturing milk supplies, if available, are moderated to contract minimums. In Florida, production is leveling off. Further declines are expected, with typical seasonal low points still a few weeks out. Nearly all schools are back in session, thus, Class I demand is very strong. The state milk imports totaled 65 loads this week. The East cream market notes limited spot activity at higher multiples than the previous week. **Cream multiples** for all Classes, range **1.35-1.42**. Several sources note in-house cream supplies are sufficient for most contractual needs. Seasonally hot temperatures continue to boost strong cream pulls from ice cream production. Wednesday's cash trading at the CME Group saw Grade AA butter close at \$2.2025, down \$0.0175 from a week ago. **Condensed skim** supplies are declining in most of the regions' markets as Class I pulls increase with the reopening of schools. Demand from ice cream, cream cheese and yogurt manufacturing is moderate to good. Some balancing plants are withholding noncontract condensed skim loads as they concentrate on improving NDM inventory. According to the DMN *National Retail Report-Dairy*, for August 6-18, 2016, the U.S. weighted average advertised price for a gallon of milk was \$2.49, a 45 cents increase compared to last year, but down 5 cents from last week. The weighted average regional price for a half gallon of milk in the Northeast was \$2.99, unchanged from the previous week.

FLUID CREAM AND CONDENSED SKIM PRICES IN TANKLOT QUANTITIES:
 SPOT PRICES OF CLASS II CREAM, DOLLARS PER LB. BUTTERFAT:
 F.O.B. producing plants: Northeast - 3.0281-3.1851
 F.O.B. producing plants: Upper Midwest - 2.7140-3.0281
 PRICES OF CONDENSED SKIM, DOLLARS PER LB. SOLIDS, F.O.B. PRODUCING PLANTS:
 Northeast - Class II - includes monthly formula prices - .70-.93
 Northeast - Class III - spot prices - .70-.75

MIDWEST

Excessive heat in the Central region has tightened up the Midwest milk supply. Milk marketers report consistent calls from processors seeking spot loads but are rarely able to meet their requests fully.

Spot loads are reported at \$1.50 to \$2.00 over class. A few market participants speculate that spot loads are moving at even higher premiums towards the end of the week and into the weekend. The pull for fluid milk into Class I is picking up in the Central region. Bottlers report a strong increase in orders for single serve containers from educational institutions. Cream slightly tightened this week. However, most processors seeking spot loads of cream report little difficulty doing so. Ice cream and frozen dessert manufacturers are still running full schedules, but are planning to start slowing down in the upcoming weeks. Cream multiples are higher at the bottom end of the range but marginally lower at the top end, 1.21-1.35. The DMN *National Retail Report-Dairy* for August 12-18 noted the national weighted average advertised price for one gallon of milk was \$2.49, down \$0.05 from a week ago, but \$0.45 higher than a year ago. The weighted average regional prices in the Midwest and South Central were \$1.79 and \$2.50, respectively. According to NASS *Crop Progress* reports, 91 percent of this year's corn crop is in the dough stage in the South Central area. Seventy-four percent of the area's soybean crop is setting pods. Forty-five percent of the South Central area's soybean crop is currently rated as good to excellent. In the North Central area, 51 percent of corn has reached the dough stage. Ninety percent of soybeans are setting pods and 87 percent of this year's crop is rated good to excellent.

WEST

California milk production is flat to lower as high temperatures return. Manufacturers are seeking additional loads to round out production. Demand from bottlers is strong with the beginning of school terms, but orders from restaurants and grocery stores are lagging a little behind. Class 2 demand is steady. Class 3 sales are strong with good demand from ice cream manufacturers. Milk production continues to drop in Arizona. It is hot and dry, with less monsoon activity. The high temperatures are also driving milk components lower. Class I demand is up as bottling for schools keep pulling more fluid milk to fill the seasonal increase. Ice cream demand continues to be strong. New Mexico milk production is lower, but balancing plants are busy juggling milk loads. Several manufacturing facilities that had break downs or scheduled maintenance last week resumed regular operations. Additional down days this week added to the loads of milk needing to find homes. Class I sales are up with the beginning of school terms. Sales into Class II are down slightly. Milk supplies into Class III are relatively steady. Hay production is continuing through fourth and fifth cuttings. According to the DMN *National Retail Report-Dairy* for the week of August 12-18, the national weighted average advertised price for one gallon of milk is \$2.49, down 5 cents from last week, but 45 cents higher than a year ago. The weighted average regional prices in the Southwest and Northwest are \$2.54 and \$3.49, respectively. Pacific Northwest milk production is steady to seasonally lower. The start of school terms is generating strong demand for bottling. Although some manufacturers are reaching a little further to find additional loads, milk is still readily available for most processing needs. In the mountain states of Colorado, Idaho and Utah, farm milk production is steady. Plenty of milk is available for manufacturing facilities. Some milk is moving within the region and to neighboring states at prices just above Class III. Schools opening this week are creating an increase in Class I demand. Industry contacts report good crop conditions. Feedstock supply will be solid for the remainder of the year. Western **condensed skim** is moving well and has a decent

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FLUID MILK AND CREAM

-CONTINUED FROM PAGE 4-

supply throughout most of the region. Some processors are opting to dry rather than selling additional loads. A few NDM, SMP and MPC manufacturers are taking good volumes. Cream supplies are mixed across the region. Increased school bottling has added to cream supplies and some industry contacts report cream is readily available. Other manufacturers are finding cream to be tight due to decreasing milk production and milk components. Demand for cream from ice cream and other Class II manufacturers is strong. Some butter makers are opting to sell cream as opposed to churning at full capacity. This week, **multiples** for all Classes are steady, but a few contacts note some trending lower within the range. Multiples range from **1.16 to 1.30**.

NONFAT DRY MILK, BUTTERMILK & WHOLE MILK

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

NONFAT DRY MILK - CENTRAL AND EAST

CENTRAL: Low/medium heat nonfat dry milk prices are mixed this week. Some industry contacts moved loads of low/medium heat NDM at prices at the low end of the range in an effort to relieve some inventory pressures. Fresh production loads continue to move at market overages. Buyers seeking specific brands of low/medium heat NDM are willing to pay premiums. Falling milk production in the Central region has slowed low/medium heat NDM production for several manufacturers. Domestic demand is steady. Some market participants describe the current demand as lackluster. International interest is strong. Exports continue to be a large portion of many contacts' sales. Inventories are mostly long. The market undertone is mixed. High heat nonfat dry milk prices are lower on the bottom end of the price range series but hold steady on the top. Changes on contract indices pulled prices lower in several instances. High heat NDM production is intermittent and mostly based on contractual needs. Most manufacturers report little to no spot market availability. Inventories are tight. The market undertone is mixed.

EAST: Prices for low/medium heat nonfat dry milk are mixed. Class I demand, due to school openings, affects overall low/medium heat nonfat dry milk production in the region. As a result, manufacturing milk supplies have decreased significantly with the bulk of condensed skim moving through contracts. Some producers see slight reductions in inventories as they focus managing inventory volumes based on future sale considerations. In some instances, producers prefer to hold stocks and only offer spots at the high end of the range. Buyers' preference and availability continue to widen the spread. Domestic demand is active, with a number of transactions occurring this week through various buying channels. As well, sales to Mexico are good. The market undertone, while unsettled, is seeing some firmness. Prices for high heat nonfat dry milk moved lower at the bottom of the range but higher at the top on limited f.o.b. spot sales. Regional contacts report high heat NDM production as little to none at this point. The plans of some manufacturers entail completing needed maintenance projects prior to their implementing production schedules that meet forthcoming seasonal needs. In general, the market undertone is unsettled. Wednesday at the CME Group, Grade A NDM closed at \$0.8650, up \$0.0200 from last Wednesday.

F.O.B. CENTRAL/EAST: Includes EXTRA GRADE and GRADE A
 LOW/MEDIUM HEAT: .8000 - .9500 MOSTLY: .8500 - .9000
 HIGH HEAT: .8800 - 1.0200

NONFAT DRY MILK - WEST

The Western prices for low/medium heat nonfat dry milk (NDM) are mixed. With multiple transactions taking place in the region this week, prices in the range series inched higher at the bottom, but held steady at the top. The mostly series saw f.o.b. spot sales adjust prices higher at the bottom, while continuing steady at the top. The market undertone remains unsettled. Low/medium heat NDM production volumes closely parallel the declining milk production. Overall, domestic demand is fair to good, as traders and end users replenish stocks. International interest is fair to good, but market participants are concerned that export markets may become limited, subject to factors based on global milk supply. High heat NDM prices are mixed, as prices dropped notably at the bottom of the range, the results of volume-based f.o.b. spot sales. Production remains intermittent. The market currently reports tight

inventories. Buyer needs are light to moderate with transactions carried out primarily through contracts.

F.O.B. WEST: Includes EXTRA GRADE and GRADE A
 LOW/MEDIUM HEAT: .8000 - .9200 MOSTLY: .8650 - .9000
 HIGH HEAT: .9000 - 1.0500

CALIFORNIA MANUFACTURING PLANTS - NDM

WEEK ENDING	PRICE	TOTAL SALES
August 12	\$.8525	6,993,875
August 5	\$.7995	5,768,245

Prices are weighted averages for Extra Grade and Grade A Nonfat Dry Milk, f.o.b. California manufacturing plants. Prices for both periods were influenced by effects of long-term contract sales. Compiled by Dairy Marketing Branch, California Department of Food and Agriculture.

DRY BUTTERMILK - CENTRAL AND EAST

CENTRAL: Dry buttermilk production is declining in the Central region. Numerous manufacturers report moving buttermilk as condensed and are foregoing the drying process for the time being. Continued demand for condensed buttermilk from ice cream manufacturers combined with limited dryer space availability have left many market participants in the Central region with tight dry buttermilk stocks. Many manufacturers are reporting little to no spot load availability. However, there are a few manufacturers with Q2/Q3 production in inventories. Those manufacturers express light interest in moving stocks in the near term. Demand is mostly steady. A few buyers report some difficulty identifying dry buttermilk on the spot market. The market undertone is firming.

EAST: Prices for dry buttermilk are steady. Manufacturing schedules remain light, with butter churning somewhat limited because of cream sales. The market shows heavier demand for condensed buttermilk. As a result, less condensed buttermilk is available for drying. Contract sales are timely, with no reports of producers being behind on orders. Inventories of dry buttermilk are light to adequate. Dry buttermilk availability in spot markets is limited. Market indicators suggest a steady market, with anticipated firming as prices change with NDM.

F.O.B. CENTRAL/EAST: .7800 - .8600

DRY BUTTERMILK - WEST

Dry buttermilk prices in the West region are mixed. Dry buttermilk production is steady to lower as churning schedules decline and reduce condensed buttermilk supplies at some plant locations. Demand is fairly quiet this week outside of contract volumes, as buyers in general are not seeking f.o.b. spot loads from manufacturers without some price adjustments. Inventories are tight to adequate. The market undertone is remains unsettled.

F.O.B. WEST: .8200 - .8900 MOSTLY: .8350 - .8675

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.

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DRY WHOLE MILK - NATIONAL

Dry whole milk prices are unchanged this week on light trading. Production is intermittent and based mostly on contracts. Some manufacturers are not producing any dry whole milk due to limited butterfat availability. Demand is steady to slightly increasing. The bakery and confectionary sectors are showing more interest in additional loads. A few market participants note that any dry whole milk offered on the spot market is purchased quickly. A few industry contacts report some dry whole milk with some age on it is being offered at prices towards the low end of the market. Inventories are mixed. The market undertone is steady.

F.O.B. PRODUCING PLANT: 1.2900 - 1.3900

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 in the Central region are mostly higher this week. Demand from the bakery sector is increasing as educational institutions go back into session. Several market participants note upticks in sales this week. Manufacturers report increased calls from buyers. Some industry contacts speculate that buyers are entering the market now and making large purchases because they anticipate the market will continue to firm. A few contacts question the longevity of firming prices. Dry whey production is mixed. Some cheese manufacturers are dealing with falling milk intakes, thus slowing the whey stream. Other manufacturers report running full schedules. International interest is steady. Inventories are mixed. Some manufacturers attribute tightening stocks to high levels of exports. The market undertone is firming. Animal feed whey prices are higher on the lower end of the range this week. Market participants report little availability of animal feed whey at the discounts they were seeing in the previous months. Feed blenders are running full schedules blending sweet whey powder with high protein dairy powders. Demand is steady. Inventories are mixed. Several feed blenders are shopping around in an effort to build back some inventory. The market undertone is steady.

F.O.B. CENTRAL: .2500 - .3500 MOSTLY: .2600 - .3100
F.O.B. CENTRAL: ANIMAL FEED MILK REPLACER: .2000 - .2550

DRY WHEY - NORTHEAST

Eastern dry whey prices are steady. Production is below plant capacity at many locations. Drops in farm milk and increased fluid milk needs limit output. However, output volumes show marginal increases, prompted by a surge in mozzarella production for fall needs. Dry whey supplies are adequate for contractual obligations, but sources note few spot offers. Domestically, demand for whey is steady and at seasonal norms. International interest is good, with heavy dry whey volumes clearing to China. The market undertone is steady.

F.O.B. NORTHEAST: EXTRA GRADE AND GRADE A: .2650 - .3125

DRY WHEY - WEST

Prices for western whey moved higher. The general market tone is strengthening slightly. A few industry contacts suggest that brand matters. In those cases, buyers are finding limited availability of spot loads. Inventories are snug, or at very least comfortable. Some manufacturers are more willing to hold onto supplies to wait and see if prices will rise in the near future, or to assure coverage of contractual obligations. Some buyers are finding whey more available through resale channels. Domestic demand is steady and most whey is moving through existing contracts. A few industry contacts indicate international demand is in a lull right now. Dry whey production is steady.

NONHYGROSCOPIC: .2550 - .3575 MOSTLY: .2800 - .3200

WHEY PROTEIN CONCENTRATE 34% - CENTRAL AND WEST

Prices for whey protein concentrate 34% moved higher. Buyers seeking specific brands of WPC34% are finding available spot loads hard to find. Any available spot load is quickly gobbled up by current customers. Inventories are generally tight and spot loads are limited outside of contracts. Manufacturers report good interest, especially from traders. In some cases, regular customers are also asking for additional loads now and for the upcoming year. WPC34% production is active and steady.

F.O.B. EXTRA GRADE 34% PROTEIN: .5950 - .8600 MOSTLY: .6700 - .7600

LACTOSE - CENTRAL AND WEST

Lactose prices moved slightly higher on the top of the range and significantly higher at the bottom of the mostly price series. Domestic demand is decent. Manufacturers note a good amount of inquiries from buyers. Increased demand for permeate, whey and lactose for feed applications in Southeast Asia has helped remove the anchor from lactose prices according to a few industry contacts. Inventories of high mesh lactose remain tight outside of contracts. Lower mesh lactose is more readily available. Lactose production is steady.

Including spot sales and up to 3 month contracts.

F.O.B. EDIBLE, NON PHARMACEUTICAL: .2300 - .3800 MOSTLY: .2700 - .3300

CASEIN - NATIONAL

Rennet and acid casein prices increased this week. A factor affecting pricing is forecasts of less casein production in New Zealand during months ahead. The higher casein contract pricing during GDT Event 170 was an indicator of this factor. With the EU moving into seasonally lower milk production, expectations are for lower casein production there as well. Negotiations are underway for quarter 1 2017 casein contracts and pricing under discussion is above current pricing levels for both rennet and acid casein.

SPOT SALES AND UP TO 3 MONTH CONTRACTS. PRICES ARE F.O.B., U.S. WAREHOUSE FOR EDIBLE NONRESTRICTED AND VARY ACCORDING TO MESH SIZE AND QUALITY.

RENNET: 2.8850 - 2.9200
ACID: 2.9000 - 2.9800

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

WEEK ENDING	2016 WEEKLY DAIRY COWS	2016 CUMULATIVE DAIRY COWS	2015 WEEKLY DAIRY COWS	2015 CUMULATIVE DAIRY COWS
07/30/2016	50.0	1,701.2	52.8	1,729.6

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

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

CLASS III MILK PRICES (3.5% BF)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2011	13.48	17.00	19.40	16.87	16.52	19.11	21.39	21.67	19.07	18.03	19.07	18.77
2012	17.05	16.06	15.72	15.72	15.23	15.63	16.68	17.73	19.00	21.02	20.83	18.66
2013	18.14	17.25	16.93	17.59	18.52	18.02	17.38	17.91	18.14	18.22	18.83	18.95
2014	21.15	23.35	23.33	24.31	22.57	21.36	21.60	22.25	24.60	23.82	21.94	17.82
2015	16.18	15.46	15.56	15.81	16.19	16.72	16.33	16.27	15.82	15.46	15.30	14.44

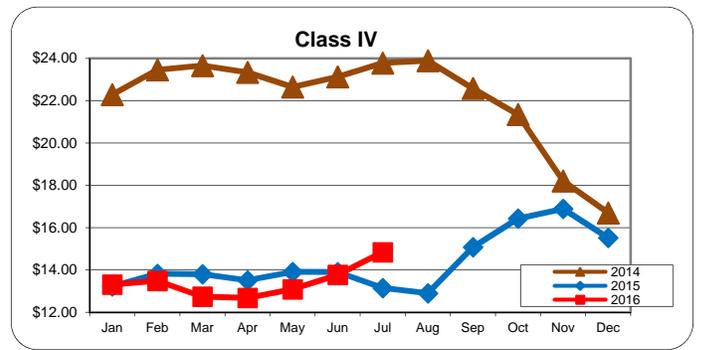
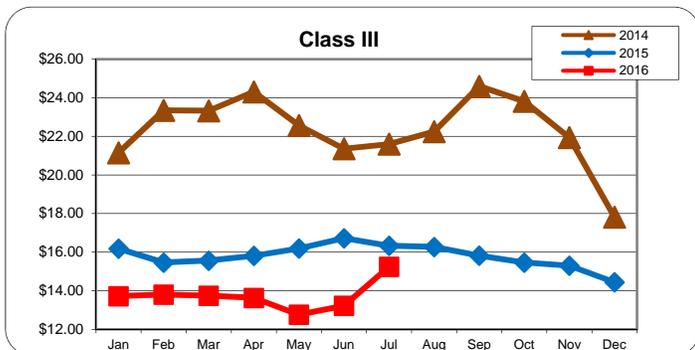
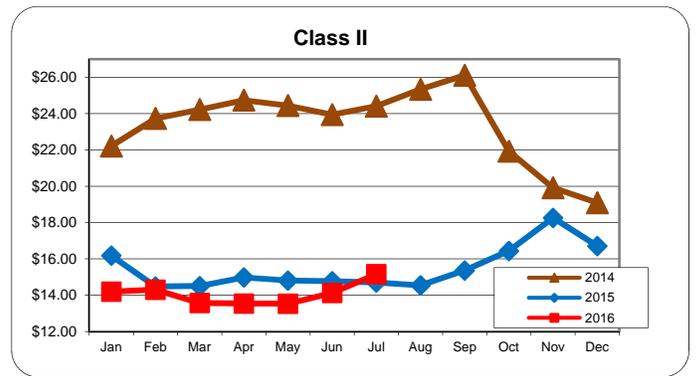
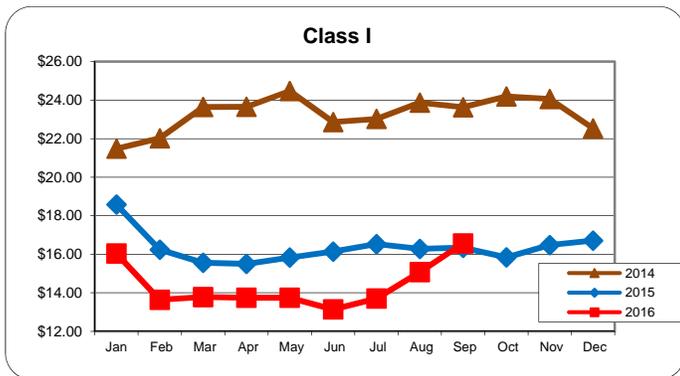
CLASS IV MILK PRICES (3.5%)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2011	16.42	18.40	19.41	19.78	20.29	21.05	20.33	20.14	19.53	18.41	17.87	16.87
2012	16.56	15.92	15.35	14.80	13.55	13.24	14.45	15.76	17.41	18.54	18.66	17.83
2013	17.63	17.75	17.75	18.10	18.89	18.88	18.90	19.07	19.43	20.17	20.52	21.54
2014	22.29	23.46	23.66	23.34	22.65	23.13	23.78	23.89	22.58	21.35	18.21	16.70
2015	13.23	13.82	13.80	13.51	13.91	13.90	13.15	12.90	15.08	16.43	16.89	15.52

FEDERAL MILK ORDER CLASS PRICES FOR 2016 (3.5%)

CLASS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
I 1/	16.04	13.64	13.78	13.74	13.70	13.14	13.70	15.07	16.56			
II	14.19	14.30	13.57	13.54	13.53	14.12	15.16					
III	13.72	13.80	13.74	13.63	12.76	13.22	15.24					
IV	13.31	13.49	12.74	12.68	13.09	13.77	14.84					

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



INTERNATIONAL DAIRY MARKET NEWS - EUROPE

Information gathered August 8 - 19, 2016

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: In Western Europe, seasonal declines in milk production have accelerated as a result of summer heat in some areas. Informal estimates from German processors have some intakes down near 2% from a week ago. Components are also dropping. EU milk deliveries during June were 1.9% below June last year, according to Eurostat. This is the first monthly decline since the 1.7% decline during March 2015. Among the largest Western European milk producing nations, January-June Germany is up 3.7%; Ireland is up 10.3%; France is even; and the Netherlands is up 12.7%. EU processors tend to welcome the overall EU lower production data, believing that it will contribute to firming dairy prices. A factor contributing to lower production is less feeding of concentrates, a decision many producers made to help improve cash flows. Cow culling was up in some areas. In Germany, January-June 2016, 9.1% more cows were sent to slaughter than the prior year, another way producers sought to reduce operational costs and raise revenue. The trend of milk production reduction and fewer cows has some processors looking optimistically to the first quarter of 2017 as a time of enhanced profitability resulting from greater price strength in EU dairy markets.

BUTTER/BUTTEROIL: Butter prices in Western Europe are stronger. Firming is expected to continue, at least in the near term. Current demand for new bulk butter transactions is quiet. Supplies available for new sales are limited. Much current production has been previously contracted. Sellers are inflexible in pricing. Longer term, both sellers and buyers are holding back from commitments. There is uncertainty as to supplies and pricing near the end of 2016, which has both manufacturers and buyers seeking to better assess what they expect ahead before committing. Packaged butter is currently available in normal seasonal volumes and demand is considered normal. Currently cheese is regarded as a more profitable use of milk than butter.

82% BUTTERFAT: 3,800 - 3,975
99% BUTTERFAT: 4,000 - 4,350

SKIM MILK POWDER (SMP): Skim milk powder prices in the EU slightly strengthened at each end of the price range. The market is quiet, partially attributed to the continuing holiday factor. Most current production is directed to filling existing contracts. In the EU skim milk powder manufacturers and sellers have begun discussions about fourth quarter contracts. Few have been finalized as each side is primarily exploring market factors at this time and price expectations differ buyer to seller. Manufacturers are also uncertain as to how much milk will be available to manufacture SMP in the fourth quarter and what the most profitable use of milk will be in manufacturing terms. Currently cheese is regarded as a more profitable use of milk than SMP.

1.25% BUTTERFAT: 2,000 - 2,125

SWEET WHEY POWDER: Whey prices have firmed in Western Europe. In part this reflects cheese production that is below what manufacturers would like to achieve. With milk production declining, buyers do not expect much supply relief in coming months. This is helping to strengthen markets due to increased demand, especially for feed grade whey.

NONHYGROSCOPIC: 775 - 875

WHOLE MILK POWDER (WMP): Whole milk powder prices strengthened this week at each end of the price range in Western Europe, even with generally quiet WMP demand in the EU. The magnitude of WMP price increases during GDT Event 170 was mentioned by a number of people in the EU as influencing EU WMP prices. Of course, with EU milk production declining, production in the EU is also constrained. This is also a factor supporting price increases.

26% BUTTERFAT: 2,600 - 2,750

EASTERN OVERVIEW: Milk production volumes and patterns in Eastern Europe are varied. January-June 2016 production increased compared with one year earlier in the Czech Republic +14.3%; Poland +5.1%; Romania +6.8%; and Slovenia +6.3%. Decreased occurred in Lithuania -1.0%; and Slovakia -3.0%.

INTERNATIONAL DAIRY MARKET NEWS - OCEANIA

Information gathered August 8 - 19, 2016

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.

There has been a mostly slow hay market reported across **Australia**, continuing the trend of recent weeks. Good rainfall improving pastures has reduced the need for hay purchases. Unlike the U.S. milk pricing system with advance and class prices set by formulas, in Australia, some dairy cooperatives set estimated milk pay prices in advance, subject to later adjustment. Many dairy producers in Australia recently had their milk prices retroactively reduced for the final two months of the 2015/16 season, leaving many owing a debt to the processor. Prices for the new season are lower than many expected. This leaves many dairy producers in a very tough financial situation. National awareness is now growing beyond the agricultural sector into more general broadcast news. This week nationally broadcast television investigative reports about the state of the dairy industry aired. That was followed by the Australian Prime Minister becoming involved, beginning meetings with leadership of a dairy processor some affected producers are now indebted to following the retroactive price adjustment. While the situation is under discussion, many producers are culling herds and/or seeking other processors. All of this leaves the Australian dairy situation in a very fluid state. At the August 16 GDT event #170 in **New Zealand**, average prices ranged from 2.5% to 18.9% higher from the prior event across categories where contracts were executed. The all contracts price averages (US\$ per MT) and percent changes from the previous average are: anhydrous milk fat, \$4,148 +8.4%; butter, \$3,274 +14.1%; buttermilk powder, \$1,983 +18.1%; cheddar cheese, \$3,157 +8.9%; lactose, \$763 +3.5%; rennet casein, \$6,326 +2.5%; skim milk powder, \$2,028 +3.0%; and whole milk powder, \$2,695 +18.9%.

BUTTER: Butter prices in Oceania are higher at each end of the price range. The strength of EU butter prices is mentioned as a factor supporting increases in Oceania. Another factor is that milk production is still moving toward the peak and that is a factor in keeping butter production at current volumes. At GDT Event 170 on August 16, butter prices for the September contract increased 8.2%, and the all contract butter price increased 14.1%. Prices increased for all contract periods. Australia butter production during June was down 15.7% from June 2015 and down 4.3% July 2015-June 2016 compared with the same period one year earlier according to Dairy Australia. Australia butter exports January-June 2016 declined 4.7% from the same period of 2015 according to Eucolait. The top three export destinations and percentage of total exports are: Singapore, 12.9%; UAE, 11.7%; and China, 10.7%.

82% BUTTERFAT: 3,000 - 3,300

SKIM MILK POWDER (SMP): Skim milk powder prices in Oceania are higher but less so than the magnitude of whole milk powder price strength. The EU intervention program and ramifications affecting SMP output and pricing are also affecting SMP markets in Oceania. At GDT Event 170 on August 16, SMP prices for the September contract increased 3.8%, and the all contract SMP price increased 3.0%. Prices increased for all contract periods. Australia SMP production during June was down 19.3% from June 2015 but up 5.6% July 2015-June 2016 compared with the same period one year earlier according to Dairy Australia. Australia SMP exports January-June 2016 declined 17.4% from the same period of 2015 according to Eucolait. The top three export destinations and percentage of total exports are: Indonesia, 21.4%; China, 12.3%; and Malaysia, 9.7%.

1.25% BUTTERFAT: 1,975 - 2,025

CHEDDAR CHEESE: Cheddar prices in Oceania strengthened at each end of the price range. Customers for cheese from the region tend to have established relationships with certain producers and preferences for sources. The strengthening of prices reflects decisions by regular customers to add to stocks of cheese for later year consumption, a typical pattern. At GDT Event 170 on August 16, cheddar prices for the September contract increased 14.4%, and the all contract cheddar price increased 8.9%. Australia cheese production during June was up 1.8% from June 2015 and up 0.2% July 2015-June 2016 compared with the same period one year earlier according to Dairy Australia. Australian cheese exports January-June 2016 increased 1.6% from the same period of 2015 according to Eucolait. The top three export destinations and percentage of total exports are: Japan, 50.4%; China, 11.9%; and Malaysia, 4.6%.

39% MAXIMUM MOISTURE: 3,200 - 3,400

WHOLE MILK POWDER (WMP): Whole milk powder prices strongly increased this week. At GDT Event 170 on August 16, WMP prices for the September contract increased 19.3%, and the all contract WMP price increased 18.9%. Every contract period reflected strengthened pricing. WMP contracts accounted for a significant part of GDT volume. Much of the buying interest came from China and Southeast Asia. Another factor mentioned as supporting price strength is awareness of declining milk production in the EU and what impact that may have on WMP manufactured there, as well as the fact that seasonal milk production in Oceania is still a few months away from peak. Australia WMP production during June was down 73.7% from June 2015 and down 31.7% July 2015-June 2016 compared with the same period one year earlier according to Dairy Australia. Australia WMP exports January-June 2016 declined 14.1% from the same period of 2015 according to Eucolait. The top three export destinations and percentage of total exports are: China, 23.6%; Sri Lanka, 19.1%; and Singapore, 12.8%.

26% BUTTERFAT: 2,600 - 2,725

INTERNATIONAL DAIRY MARKET NEWS

US\$/MT	Global/Dairy Trading (gDT) Event 170 Recap - August 16, 2016													
	Contract 1 Sep-16		Contract 2 Oct-16		Contract 3 Nov-16		Contract 4 Dec-16		Contract 5 Jan-17		Contract 6 Feb-17		All Contracts	
Anhydrous Milk Fat	\$4,611	11.4%	\$4,059	6.6%	\$4,081	7.6%	\$4,180	10.8%	\$4,167	9.4%	\$4,179	11.6%	\$4,148	8.4%
Butter	\$3,290	8.2%	\$3,215	14.8%	\$3,325	16.7%	\$3,340	13.0%	\$3,240	12.7%	\$3,275	12.9%	\$3,274	14.1%
Buttermilk Powder		n.a.	\$1,925	14.9%	\$2,055	22.7%	\$1,985	15.7%		n.a.		n.a.	\$1,983	18.1%
Cheddar	\$3,425	14.4%	\$3,099	8.3%	\$3,067	7.3%	\$3,232	9.9%	\$3,330	12.3%		n.a.	\$3,157	8.9%
Lactose		n.a.	\$763	3.5%		n.a.		n.a.		n.a.		n.a.	\$763	3.5%
Rennet Casein	\$6,364	2.3%	\$6,286	1.2%	\$6,335	4.4%	\$6,480	5.6%		n.a.		n.a.	\$6,326	2.5%
Skim Milk Powder	\$2,030	3.8%	\$2,001	3.6%	\$2,034	2.3%	\$2,051	2.7%	\$2,030	2.3%	\$2,105	5.5%	\$2,028	3.0%
Sweet Whey Powder		n.a.		n.a.		n.a.		n.a.		n.a.		n.a.		n.a.
Whole Milk Powder	\$2,719	19.3%	\$2,643	19.6%	\$2,686	18.8%	\$2,756	19.0%	\$2,727	16.7%	\$2,814	18.1%	\$2,695	18.9%

Average price US\$/MT and % change in indices from previous event.

US\$/Pound	Global/Dairy Trading (gDT) Event 170 Recap - August 16, 2016													
	Contract 1 Sep-16		Contract 2 Oct-16		Contract 3 Nov-16		Contract 4 Dec-16		Contract 5 Jan-17		Contract 6 Feb-17		All Contracts	
Anhydrous Milk Fat	\$2.0915	11.4%	\$1.8412	6.6%	\$1.8511	7.6%	\$1.8960	10.8%	\$1.8901	9.4%	\$1.8956	11.6%	\$1.8815	8.4%
Butter	\$1.4923	8.2%	\$1.4583	14.8%	\$1.5082	16.7%	\$1.5150	13.0%	\$1.4697	12.7%	\$1.4855	12.9%	\$1.4851	14.1%
Buttermilk Powder		n.a.	\$0.8732	14.9%	\$0.9321	22.7%	\$0.9004	15.7%		n.a.		n.a.	\$0.8995	18.1%
Cheddar	\$1.5536	14.4%	\$1.4057	8.3%	\$1.3912	7.3%	\$1.4660	9.9%	\$1.5105	12.3%		n.a.	\$1.4320	8.9%
Lactose		n.a.	\$0.3461	3.5%		n.a.		n.a.		n.a.		n.a.	\$0.3461	3.5%
Rennet Casein	\$2.8867	2.3%	\$2.8513	1.2%	\$2.8735	4.4%	\$2.9393	5.6%		n.a.		n.a.	\$2.8695	2.5%
Skim Milk Powder	\$0.9208	3.8%	\$0.9076	3.6%	\$0.9226	2.3%	\$0.9303	2.7%	\$0.9208	2.3%	\$0.9548	5.5%	\$0.9199	3.0%
Sweet Whey Powder		n.a.		n.a.		n.a.		n.a.		n.a.		n.a.		n.a.
Whole Milk Powder	\$1.2333	19.3%	\$1.1989	19.6%	\$1.2184	18.8%	\$1.2501	19.0%	\$1.2370	16.7%	\$1.2764	18.1%	\$1.2224	18.9%

Average price US\$/pound and % change from previous event.

CME GROUP, INC FUTURES
Selected settling prices

Month	08/05	08/08	08/09	08/10	08/11	08/12	08/15	08/16	08/17	08/18
CLASS III MILK FUTURES (Pit-Traded) (\$/cwt)										
AUG 16	17.10	17.14	17.06	16.98	16.97	16.97	17.00	16.99	17.00	16.96
SEP 16	17.16	17.24	17.30	17.18	17.10	17.10	17.22	17.39	17.73	17.91
OCT 16	16.92	16.98	16.99	16.89	16.77	16.77	16.90	17.11	17.44	17.65
NOV 16	16.47	16.53	16.60	16.54	16.44	16.46	16.60	16.75	16.99	17.16
DEC 16	16.08	16.16	16.23	16.20	16.12	16.14	16.20	16.34	16.50	16.67
JAN 17	15.99	16.00	16.07	16.04	16.02	16.03	16.06	16.16	16.25	16.39
FEB 17	16.00	16.00	16.06	16.01	16.04	16.03	16.10	16.17	16.25	16.35
MAR 17	16.08	16.15	16.14	16.08	16.08	16.04	16.14	16.17	16.28	16.30
APR 17	16.13	16.14	16.20	16.15	16.14	16.11	16.16	16.22	16.30	16.33
MAY 17	16.26	16.33	16.35	16.36	16.33	16.32	16.35	16.40	16.45	16.45
CLASS IV MILK FUTURES (Pit-Traded) (\$/cwt)										
AUG 16	14.77	14.77	14.77	14.77	14.77	14.77	14.71	14.70	14.70	14.70
SEP 16	15.28	15.42	15.42	15.42	15.30	15.43	15.43	15.34	15.25	15.25
OCT 16	15.64	15.70	15.70	15.70	15.70	15.79	15.79	15.79	15.85	15.85
NOV 16	15.81	15.92	15.92	15.92	15.92	16.00	16.00	16.00	16.00	16.00
CASH SETTLED BUTTER FUTURES (Electronic-Traded) (¢/lb)										
AUG 16	226.00	226.95	226.25	224.98	224.98	225.50	225.50	225.50	224.00	223.40
SEP 16	234.13	233.25	229.33	227.00	229.00	234.00	234.00	231.00	227.63	228.00
OCT 16	230.00	230.13	229.33	228.98	227.00	230.53	231.00	230.53	227.38	226.75
NOV 16	228.98	229.48	228.25	227.50	226.00	230.90	230.00	229.25	226.00	225.25
NONFAT DRY MILK FUTURES (Pit-Traded) (¢/lb)										
AUG 16	85.40	85.40	85.38	85.45	85.40	85.05	85.05	85.10	85.45	85.28
SEP 16	90.35	90.75	90.58	90.25	90.48	89.60	88.40	88.90	90.08	89.90
OCT 16	94.00	94.50	95.95	96.53	96.50	97.00	95.03	96.00	98.00	97.60
NOV 16	96.83	97.45	99.13	99.25	99.48	98.75	98.05	98.45	101.43	100.00
WHEY (Electronic-Traded) (¢/lb)										
AUG 16	28.15	28.00	28.00	28.00	28.40	28.40	28.43	28.43	29.00	28.50
SEP 16	30.75	30.75	31.00	31.00	31.20	31.20	31.45	32.00	32.68	32.25
OCT 16	33.00	32.25	32.88	32.50	32.25	32.25	32.75	33.28	36.00	35.00
NOV 16	34.00	34.00	34.23	34.10	34.00	34.00	34.28	35.00	37.05	37.00
CHEESE CSC (Electronic-Traded) (\$/lb)										
AUG 16	1.83	1.84	1.83	1.82	1.82	1.82	1.82	1.82	1.82	1.82
SEP 16	1.82	1.83	1.83	1.82	1.81	1.81	1.83	1.84	1.87	1.89
OCT 16	1.79	1.80	1.80	1.79	1.77	1.77	1.79	1.79	1.82	1.85
NOV 16	1.73	1.74	1.75	1.74	1.73	1.73	1.73	1.75	1.77	1.79
DEC 16	1.69	1.70	1.70	1.70	1.69	1.70	1.70	1.71	1.72	1.73

Source: <http://www.cmegroup.com/market-data/daily-bulletin.html>

August Supply and Demand Estimates

The milk production forecast for 2016 is lowered from last month as growth in milk per cow is reduced. However, the production forecast for 2017 is raised as higher forecast milk prices and lower feed costs in late 2016 and 2017 are expected to lead to a modest expansion in the cow inventory and more rapid growth in milk per cow. Fat basis exports are raised for 2016 on continued strength in whole milk powder (WMP) exports. The forecast for 2017 is unchanged. On a skim-solids basis, the export forecasts for 2016 and 2017 are raised on higher sales of WMP and whey products. Imports are raised for 2016 and 2017 as imports of fat-containing products have increased. Fat basis stocks are forecast higher as stocks of butter remain high, but on a skim-solids basis, stocks are reduced. Cheese, nonfat dry milk (NDM) and whey prices for 2016 are forecast higher as demand remains firm, but the forecast for butter price is reduced as stocks remain larger than expected. The Class III price is raised, reflecting higher cheese and whey prices, but the Class IV price is lowered as the lower butter price more than offsets the higher NDM price. For 2017, prices of cheese, butter, and whey are increased, but NDM is unchanged from last month. The Class III and Class IV price forecasts are raised on the stronger component prices. The all milk prices are forecast higher at \$16.25 to \$16.45 per cwt for 2016 and \$16.15 to \$17.15 per cwt for 2017.

U.S. Milk Supply and Use					
Commodity	2015	2016 Projected		2017 Projected	
		Jul	Aug	Jul	Aug
Milk	<i>(billion pounds)</i>				
Production	208.6	212.4	212.1	215.6	215.8
Farm Use	1.0	1.0	1.0	1.0	1.0
Fat Basis Supply					
Beginning Commercial Stocks	11.2	13.3	13.3	13.5	13.7
Marketings	207.7	211.5	211.1	214.6	214.9
Imports	5.7	6.8	7.1	6.7	6.9
Total Commercial Supply	224.6	231.6	231.5	234.8	235.4
Fat Basis Use					
Commercial Exports	8.8	8.4	8.5	8.7	8.7
Ending Commercial Stocks	13.3	13.5	13.7	12.8	13.0
CCC Donations	0.0	0.0	0.0	0.0	0.0
Domestic Commercial Use	202.5	209.7	209.3	213.3	213.8
Skim-Solid Basis Supply					
Beginning Commercial Stocks	13.1	13.9	13.9	13.8	13.6
Marketings	207.7	211.5	211.1	214.6	214.9
Imports	6.0	6.5	6.6	6.3	6.3
Total Commercial Supply	226.7	231.9	231.6	234.7	234.7
Skim-Solids Basis Use					
Commercial Exports	37.3	36.4	37.1	37.3	37.4
Ending Commercial Stocks	13.9	13.8	13.6	13.8	13.3
CCC Donations	0.0	0.0	0.0	0.0	0.0
Domestic Commercial Use	175.5	181.7	180.9	183.6	184.0

NOTE: Totals may not add due to rounding.

Continued on page 11

August Milk Supply and Demand Estimates-cont'd

U.S. Dairy Prices					
Commodity	2015	2016 Projected		2017 Projected	
		Jul	Aug	Jul	Aug
<i>(dollars per pound)</i>					
Product Prices ¹					
Cheese	1.6454	1.515-1.545	1.610-1.630	1.565-1.665	1.615-1.715
Butter	2.0670	2.155-2.215	2.140-2.180	1.940-2.070	1.965-2.095
Nonfat Dry Milk	0.9016	0.785-0.815	0.795-0.815	0.865-0.935	0.865-0.935
Dry Whey	0.3804	0.250-0.270	0.255-0.275	0.280-0.310	0.285-0.315
<i>(dollars per cwt)</i>					
Milk Prices ²					
Class III	15.80	13.90-14.20	14.80-15.00	14.50-15.50	15.00-16.00
Class IV	14.35	13.80-14.20	13.75-14.05	13.50-14.60	13.60-14.70
All Milk ³	17.12	15.55-15.85	16.25-16.45	15.70-16.70	16.15-17.15
Quarterly					
	2016 II	2016 III ⁴	2016 IV ⁴	2017 I ⁴	2017 II ⁴
<i>(billion pounds)</i>					
Milk Production	54.4	52.4	52.3	53.4	55.3
<i>(dollars per cwt)</i>					
All Milk Price ^{2,3}	14.77	16.80-17.10	17.60-18.20	16.10-17.00	15.45-16.45
Class III Price ²	13.20	16.25-16.55	16.00-16.60	14.55-15.45	14.75-15.75
Class IV Price ²	13.18	14.50-14.90	14.25-14.95	13.45-14.45	13.15-14.25

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 Projection.

Source: U.S. Department of Agriculture. World Agricultural Outlook Board. *World Agricultural Supply and Demand Estimates, WASDE-556, August 12, 2016*. Approved by the Interagency Commodity Estimates Committee [members for Dairy are: Shayle Shagam, Chairperson, WAOB; Roger Cryan, AMS; Paul Kiendl, FAS; Jerry Cessna, ERS; and Milton Madison, FSA].

June Milk Sales - Revised

During June 3.8 billion pounds of packaged fluid milk products is estimated to have been sold in the United States. This was 1.4 percent lower than June 2015. Estimated sales of total conventional fluid milk products decreased 1.8 percent from June 2015 and estimated sales of total organic fluid milk products increased 6.7 percent from a year earlier.

Estimated Total U.S. Sales of Fluid Milk Products, June 2016, with Comparisons ^{1,4}				
Product Name	Sales		Change from: ²	
	June	Year to Date	Previous Year	Year to Date
	<i>(million pounds)</i>		<i>(percent)</i>	
Conventional Production Practice				
Whole Milk	1,175	7,071	4.6	5.0
Flavored Whole Milk	48	292	3.2	6.6
Reduced Fat Milk (2%)	1,250	7,724	-2.6	-2.0
Low Fat Milk (1%)	504	3,451	-6.7	-4.5
Fat-Free Milk (Skim)	364	2,407	-12.9	-10.7
Flavored Fat-Reduced Milk	177	1,948	1.5	3.5
Buttermilk	42	251	0.9	-0.9
Other Fluid Milk Products	5	26	49.3	19.4
Total Fat-Reduced Milk ³	2,295	15,529	-5.0	-3.4
Total Conventional Milk Products	3,564	23,170	-1.8	-0.8
Organic Production Practice				
Whole Milk	78	462	16.2	16.3
Reduced Fat Milk (2%)	64	395	6.8	10.9
Low Fat Milk (1%)	37	*222	-1.4	-2.1
Fat-Free Milk (Skim)	27	*164	-4.2	-8.6
Flavored Fat-Reduced Milk	7	*43	1.8	-26.1
Other Fluid Milk Products	0	1	-----	-----
Total Fat-Reduced Milk ³	*135	*824	1.9	0.4
Total Organic Milk Products	*213	*1,288	6.7	5.6
Total Fluid Milk Products	3,777	*24,458	-1.4	-0.5

* Revised. ¹ These figures are representative of the consumption of fluid milk products in Federal milk order marketing areas and California, which account for approximately 92 percent of total fluid milk sales in the United States. An estimate of total U.S. fluid milk sales is derived by interpolating the remaining 8 percent of sales from the Federal milk order and California data. ² Percent changes, as well as sales volumes, unless otherwise noted, are shown on an unadjusted basis. ³ Both conventional and organic fat-reduced milk categories are total of reduced fat, lowfat, skim and flavored fat-reduced milk. ⁴ The California Department of Food and Agriculture (CDFA) clarified reporting instructions starting in July 2015, for packaged product moving plant to plant prior to ultimate distribution. This improved the accuracy of current numbers, but makes current year to prior year comparisons less accurate, and will overstate any year over year decrease in sales. Report contact: Daniel Manzoni, Daniel.manzoni@ams.usda.gov or 202-720-2352.

Packaged Sales of Total Fluid Milk Products in Federal Milk Orders and California, June 2016, with Comparisons ¹					
Marketing Area	Order Number	Sales		Change from: ²	
		June	Year to Date	Previous Year	Year to Date
		<i>(million pounds)</i>		<i>(percent)</i>	
Northeast	001	657	4,163	-3.2	-1.3
Appalachian	005	249	1,609	-0.5	-0.1
Florida	006	212	1,390	1.2	2.0
Southeast	007	342	2,228	-1.3	-0.2
Upper Midwest	030	286	1,886	-3.3	0.2
Central	032	317	2,061	0.6	0.2
Mideast	033	410	2,701	-1.3	-0.3
Pacific Northwest	124	156	988	-1.3	-0.4
Southwest	126	340	2,226	2.1	0.9
Arizona	131	78	531	-4.4	-0.8
California ³	---	426	2,720	-2.3	-2.9
All Orders (Total)		3,048	19,781	-1.2	-0.1
All Areas (Total)		3,475	22,501	-1.4	-0.5

¹ These figures are representative of the consumption of total fluid milk products in the respective area; see footnote ³ above for the products included. ² Percent changes, as well as sales volumes, are shown on an unadjusted basis. ³ See footnote ⁴ in the above table regarding California sales.

Source: U.S. Department of Agriculture. California Department of Food and Agriculture.

FEDERAL MILK ORDER ADVANCE CLASS PRICES, SEPTEMBER

Base Class I Price: Under the Federal milk order pricing system, the base Class I price for September 2016 is \$16.56 per cwt. This price is derived from the advanced Class III skim milk pricing factor of \$8.17 and the advanced butterfat pricing factor of \$2.4775. A Class I differential for each order's principle pricing point (county) is added to the base price to determine the Class I Price.

Comparison to Previous Month: The base Class I price increased \$1.49 per cwt when compared to the previous month of August 2016. For selected consumer products, the price changes are: whole milk (3.25% milk fat), \$1.53 per cwt, \$0.132 per gallon; reduced fat milk (2%), \$1.71 per cwt, \$0.147 per gallon; fat-free (skim milk), \$1.94 per cwt, \$0.167 per gallon.

Class II Price Information: The advanced Class IV skim milk pricing factor is \$6.09. Thus, the Class II skim milk price for September 2016 is \$6.79 per cwt, and the Class II nonfat solids price is \$0.7544.

Product Price Averages: The two-week product price averages for September 2016 are: butter \$2.2173, nonfat dry milk \$0.8512, cheese \$1.7771 and dry whey \$0.2827.

FEDERAL MILK ORDER CLASS I PRICE INFORMATION ^{1 2}				
Federal Milk Order Marketing Area ³	Order Number	September 2016		
		Class I Price (3.5%) <i>\$ per cwt</i>	Class I Skim Milk Price <i>\$ per cwt</i>	Class I Butterfat Price <i>\$ per pound</i>
Northeast (Boston) ⁴	001	19.81	11.42	2.5100
Appalachian (Charlotte) ⁵	005	19.96	11.57	2.5115
Florida (Tampa) ⁶	006	21.96	13.57	2.5315
Southeast (Atlanta) ⁷	007	20.36	11.97	2.5155
Upper Midwest (Chicago) ⁸	030	18.36	9.97	2.4955
Central (Kansas City) ⁹	032	18.56	10.17	2.4975
Mideast (Cleveland) ¹⁰	033	18.56	10.17	2.4975
Pacific Northwest (Seattle) ¹¹	124	18.46	10.07	2.4965
Southwest (Dallas) ¹²	126	19.56	11.17	2.5075
Arizona (Phoenix)	131	18.91	10.52	2.5010
All-Market Average		19.45	11.06	2.5064

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 Note: The mandatory \$0.20 per cwt processor assessment under the Fluid Milk Promotion Order is not included in the Class I prices shown on this table.

³ Names in parentheses are the major city in the principal pricing point of the markets.

⁴ Class I prices at other cities are: New York City, minus \$0.10; Philadelphia, minus \$0.20; Baltimore, minus \$0.25, and Washington, DC, minus \$0.25.

⁵ Class I prices at other cities are: Knoxville, minus \$0.20 and Louisville, minus \$1.10.

⁶ Class I prices at other cities are: Orlando, same; Miami, plus \$0.60; and Jacksonville, minus \$0.40.

⁷ Class I prices at other cities are: New Orleans, same; Memphis, minus \$0.90; Nashville, minus \$0.90; and Springfield, MO, minus \$1.40.

⁸ Class I prices at other cities are: Milwaukee, minus \$0.05; and Minneapolis, minus \$0.10.

⁹ Class I prices at other cities are: Des Moines, minus \$0.20; Omaha, minus \$0.15; Oklahoma City, plus \$0.60; St. Louis, same; and Denver, plus \$0.55.

¹⁰ Class I prices at other cities are: Indianapolis, same; Cincinnati, plus \$0.20; Pittsburgh, plus \$0.10; and Detroit, minus \$0.20.

¹¹ Class I prices at other cities are: Portland, same; and Spokane, same.

¹² Class I prices at other cities are: Houston, plus \$0.60; San Antonio, plus \$0.45; Albuquerque, minus \$0.65; and El Paso, minus \$0.75.

Federal Milk Order Marketing and Utilization Summary, July 2016

Highlights. Handler reports of receipts and utilization under the Federal milk order system for July 2016 have been filed and tabulated. Combined totals for the 10 consolidated orders are being released. During July, more than 11.4 billion pounds of milk were received from Federally pooled producers. This volume of milk is 23.1 percent higher than the July 2015 volume. Regulated handlers pooled 3.131 billion pounds of producer milk as Class I products, down 4.6 percent when compared to the previous year. Class I utilization decreased from last year in all 10 of the Federal Milk Order Marketing areas. The all-market average Class utilization percentages were: Class I = 27%, Class II = 14%, Class III = 44%, and Class IV = 15%. The weighted average statistical uniform price was \$15.78 per cwt, up \$1.43 from last month but down \$1.00 from last year.

Price and Pool Statistics for Federal Milk Order Marketing Areas for the Month of July 2016

Federal Milk Order Marketing Area ¹	Order Number	Receipts of Producer Milk		Utilization of Producer Milk in Class I		Utilization of Producer Milk in All Classes ³				Uniform Price ²
		Total	Change from Prev. Year	Total	Change from Prev. Year	Class I	Class II	Class III	Class IV	
		<i>(million lbs)</i>	<i>(percent)</i>	<i>(million lbs)</i>	<i>(percent)</i>	<i>(percent)³</i>				<i>(\$ per cwt)</i>
Northeast (Boston)	001	2,300.8	1.3	673.9	-5.1	29	25	26	20	16.22
Appalachian (Charlotte)	005	436.5	-2.9	296.1	-5.2	68	17	3	12	16.80
Florida (Tampa)	006	205.8	-1.6	171.4	-5.5	83	11	2	4	18.71
Southeast (Atlanta)	007	418.1	2.4	287.3	-8.7	69	16	8	7	17.20
Upper Midwest (Chicago)	030	2,713.0	45.6	258.6	-7.2	10	6	80	5	15.34
Central (Kansas City)	032	1,298.4	27.1	365.6	-2.8	28	11	43	19	15.26
Mideast (Cleveland)	033	1,686.1	17.3	500.1	-1.5	30	19	34	17	15.45
Pacific Northwest (Seattle)	124	771.8	67.1	152.4	-5.6	20	6	40	34	15.19
Southwest (Dallas)	126	1,172.0	56.1	323.0	-1.9	28	9	55	9	16.11
Arizona (Phoenix)	131	398.8	3.7	102.1	-5.7	26	11	32	32	15.42
All Market Average or Total		11,401.4	23.1	3,130.5	-4.6	27	14	44	15	15.78

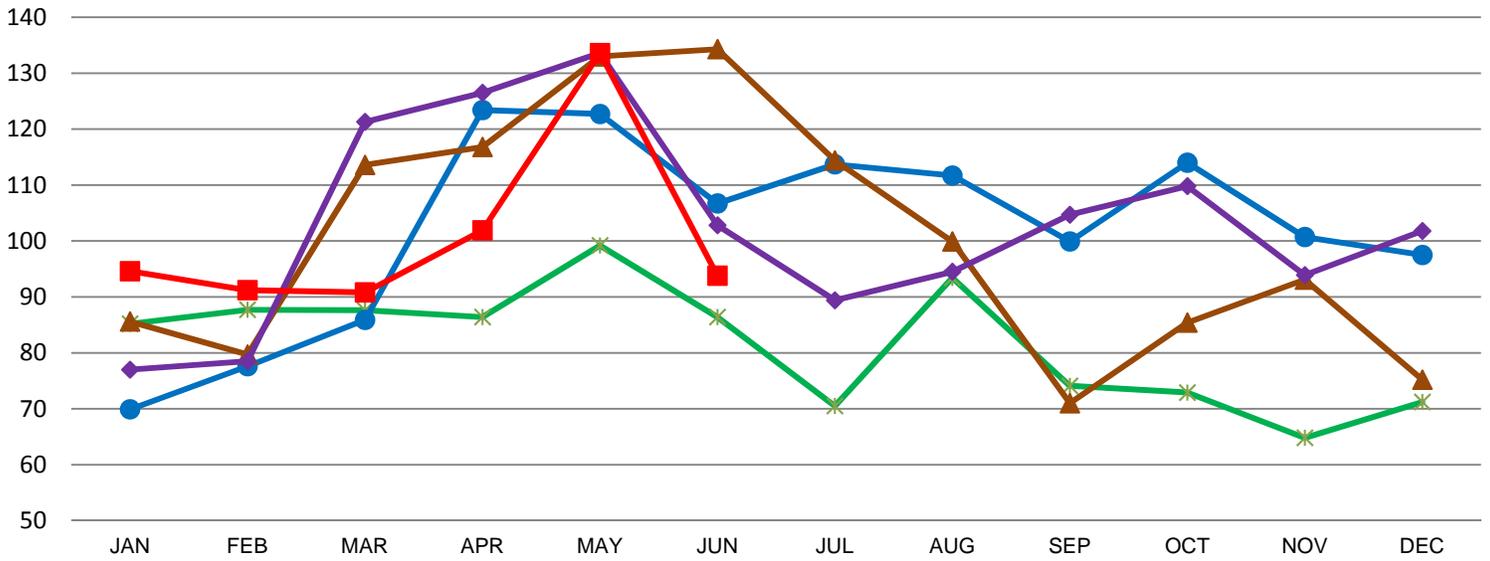
¹ Each city name in parentheses is the major city in the principal pricing point of that market.

² Statistical uniform price for component pricing orders (Class III price plus producer price differential). For other orders, uniform skim milk price times 0.965 plus uniform butterfat price times 3.5.

³ Totals may not add to 100 percent due to rounding.

Million Pounds

Nonfat Dry Milk Exports

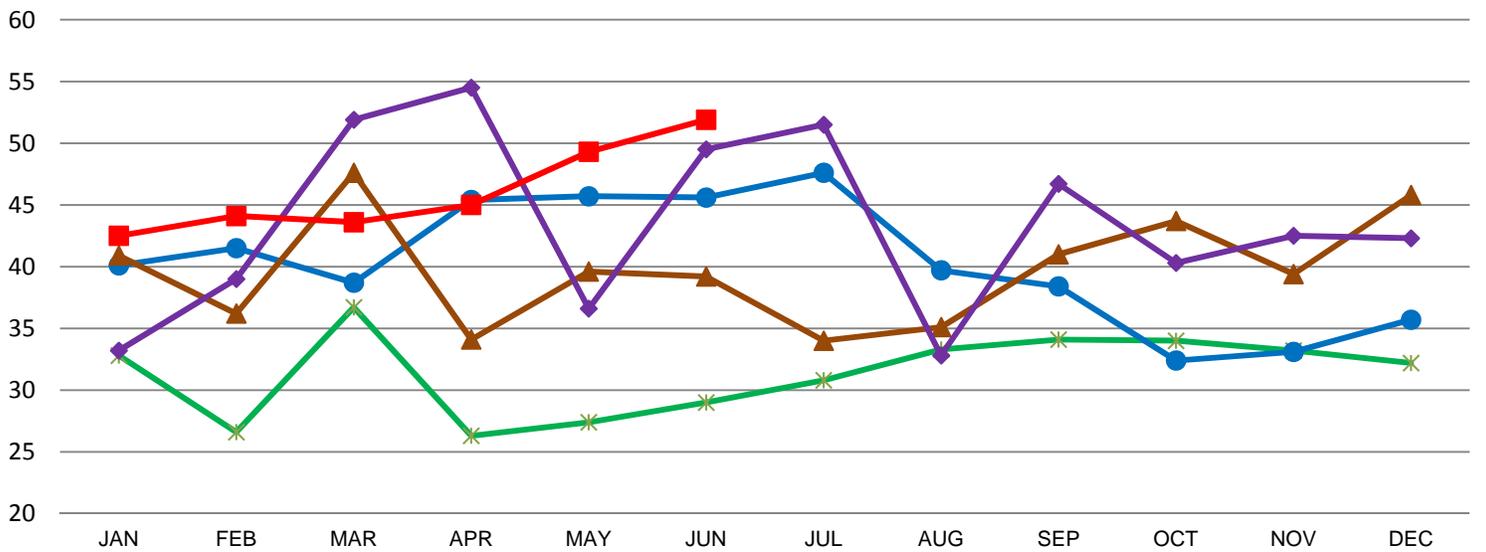


GRAPH USDA, DMN; SOURCE USDA,FAS

2012 2013 2014 2015 2016

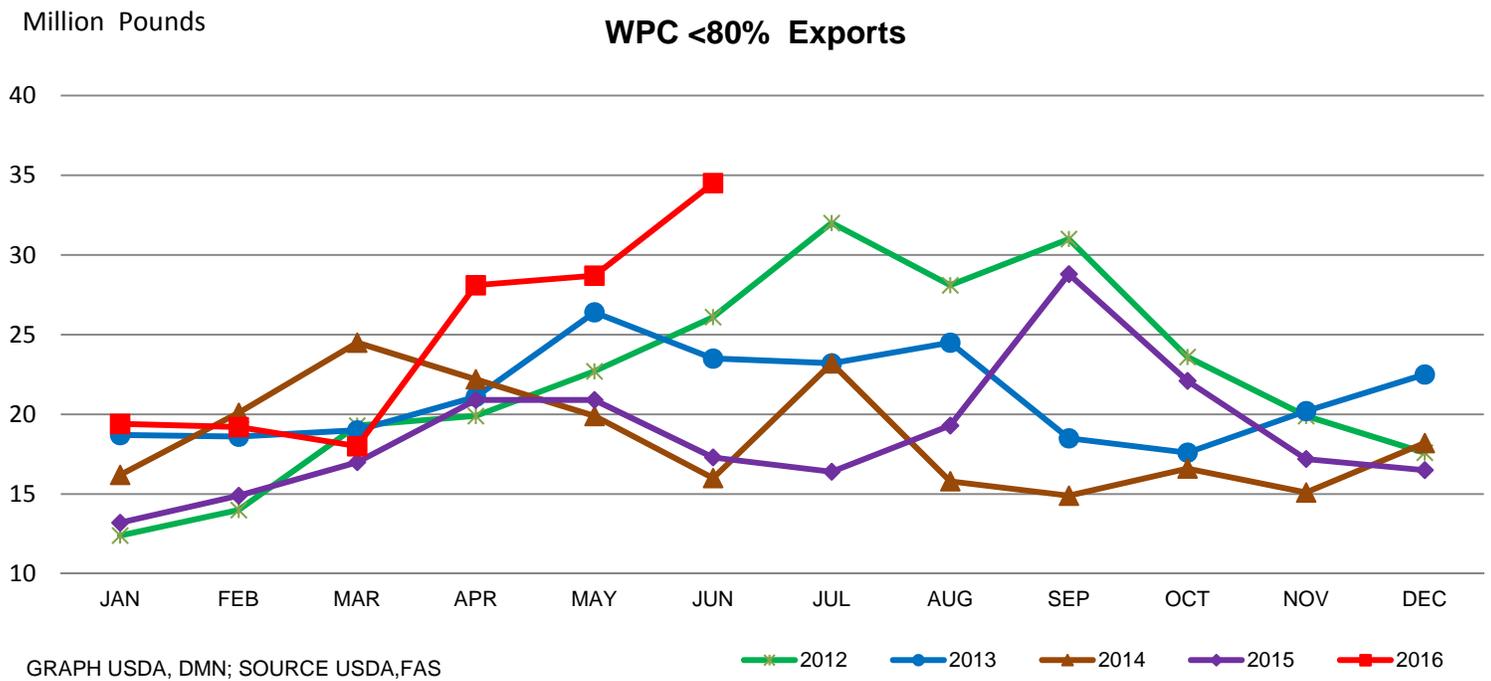
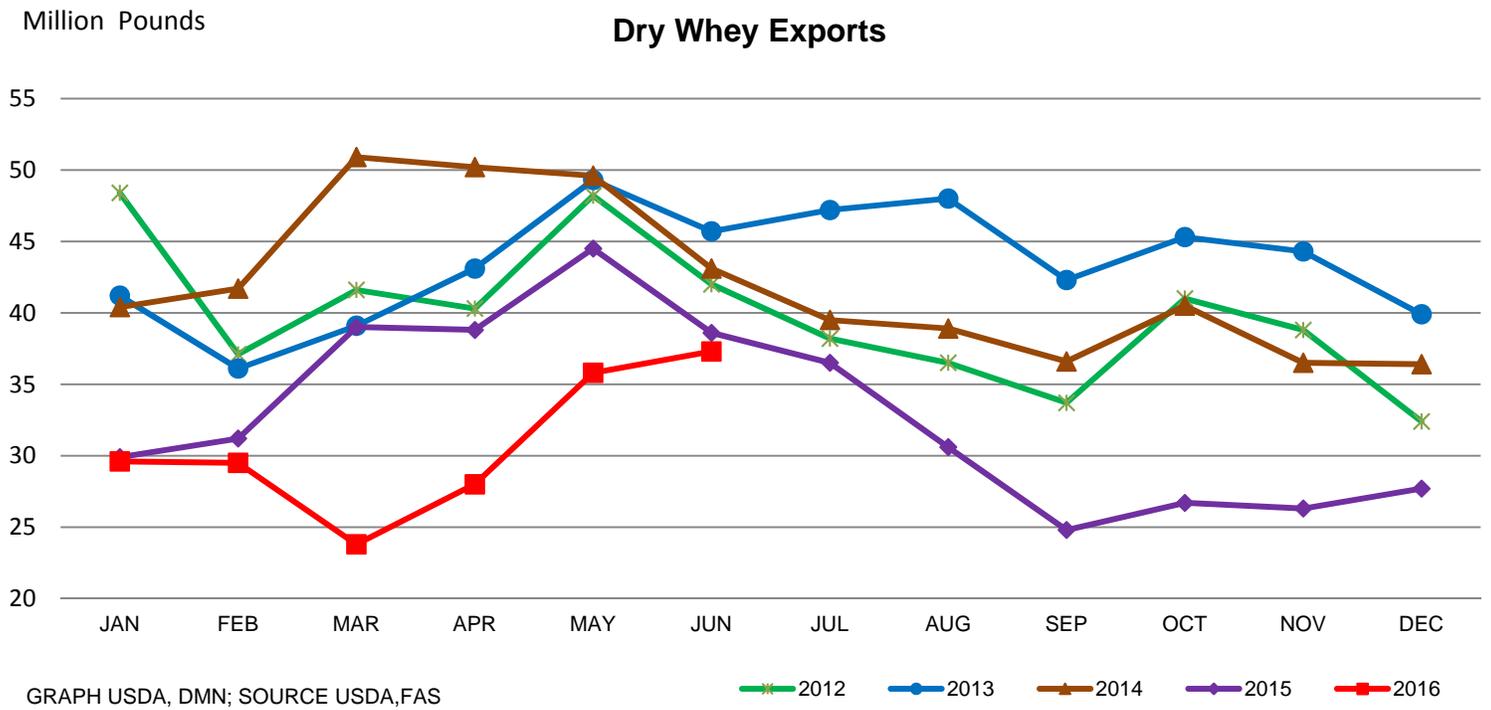
Million Pounds

Lactose Exports



GRAPH USDA, DMN; SOURCE USDA,FAS

2012 2013 2014 2015 2016





Dairy Market News Branch

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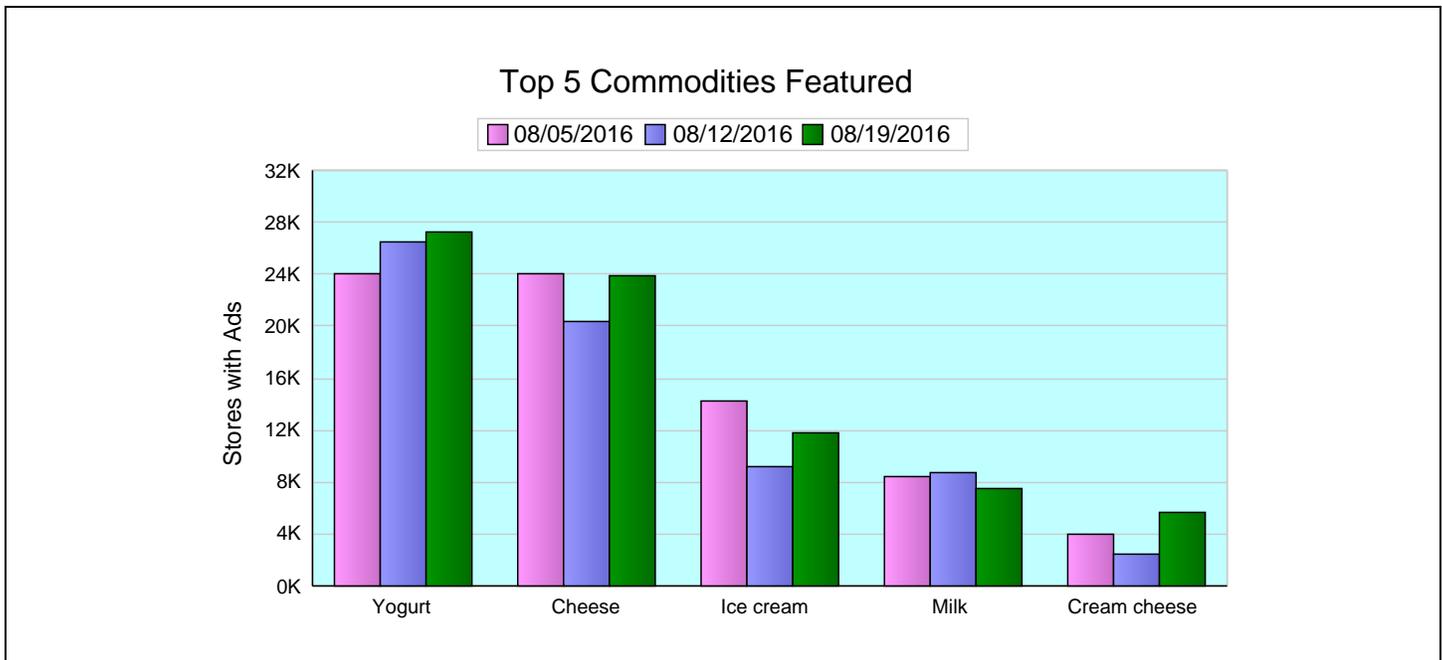
Advertised Prices for Dairy Products at Major Retail Supermarket Outlets ending during the period of 08/19/2016 to 08/25/2016

This week 4-6 oz. conventional Greek yogurt is the single most advertised dairy product, with an average price of \$0.91, no change from last week's price. Close behind the number of 4-6 oz. conventional Greek yogurt is the number of ads for conventional ice cream in 48 to 64 oz. containers, with an average price of \$2.90, down from \$2.94. Total conventional dairy ad numbers increased 15%, but organic dairy ad numbers decreased 15%. There are over 8 times as many conventional dairy ads as organic dairy ads.

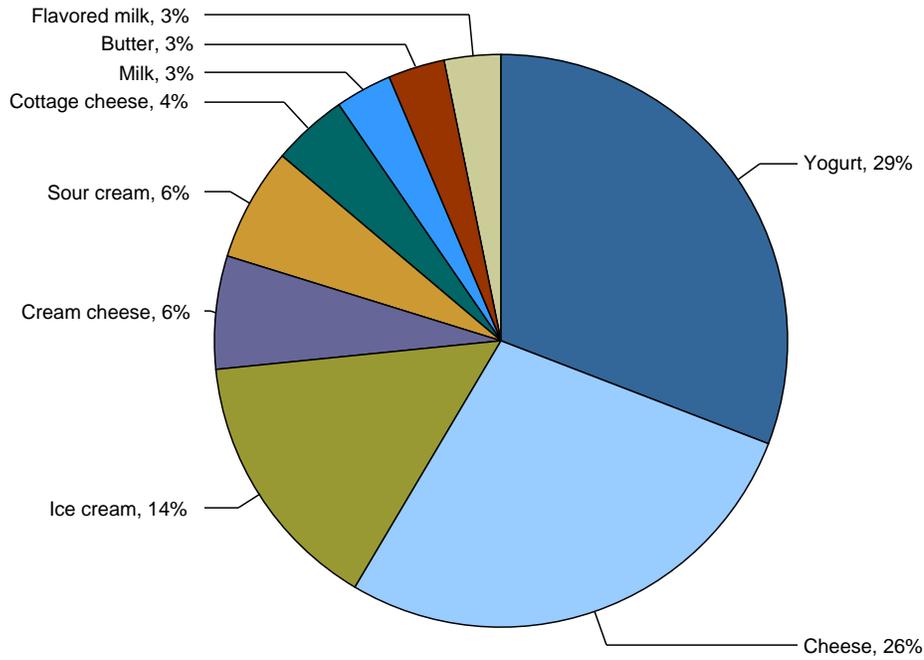
The price spread between organic and conventional half gallon milk is \$2.37. Last week the spread was \$2.08. The price spread is the difference between the national weighted average price for organic, \$3.75, and conventional, \$1.38. There are about 8 times as many organic half gallon ads as conventional half gallons.

The U.S. advertised price for 8 ounce conventional cheese blocks averaged \$2.12, down 5 cents from last week; 8 ounce shred cheese averaged \$2.29, up 4 cents from last week. Ads for 8 ounce organic shred cheese average \$3.60, an organic premium of \$1.31. The number of conventional cheese ads increased 17%, and organic cheese ads increased 20% this week.

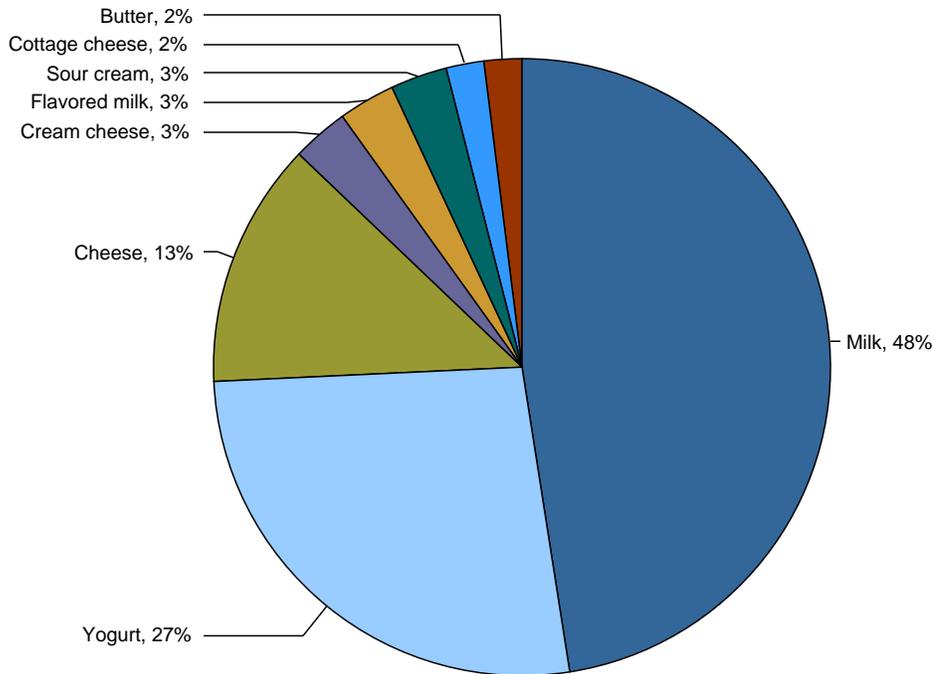
The national weighted average price for conventional 1 pound butter is \$3.41, while organic 1 pound butter is \$4.99, an organic premium of \$1.58. When compared to the previous week, the volume of ad numbers for conventional butter decreased 19%, while organic butter ad numbers decreased 57%. There are more than 14 times as many ads for conventional butter than organic butter.



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 #	2645	3.41	3265	3.23	3218	2.98
Cheese	Natural Varieties	8 oz block	7662	2.12	6929	2.17	8185	2.31
Cheese	Natural Varieties	1 # block	3145	3.79	1124	3.35	2763	3.42
Cheese	Natural Varieties	2 # block	1055	6.36	1661	5.97	98	6.08
Cheese	Natural Varieties	8 oz shred	8884	2.29	8797	2.25	6664	2.34
Cheese	Natural Varieties	1 # shred	1943	3.82	860	3.48	2781	3.45
Cottage cheese		16 oz	3767	1.88	3061	2.11	2575	1.92
Cream cheese		8 oz	5445	1.98	2483	2.22	2974	1.92
Flavored milk	All fat tests	half gallon	1913	2.31	900	2.13	69	1.66
Flavored milk	All fat tests	gallon	404	3.48	792	2.91	106	2.99
Ice cream		48-64oz	11731	2.90	9133	2.94	12464	3.02
Milk	All fat tests	half gallon	433	1.38	481	2.03	1152	2.14
Milk	All fat tests	gallon	2467	2.58	1835	2.49	2601	2.57
Sour cream		16 oz	5096	1.57	4492	1.82	5337	1.77
Yogurt	Greek	4-6 oz	14737	.91	12052	.91	15076	.96
Yogurt	Greek	32 oz	1687	4.06	2235	3.79	1453	4.08
Yogurt	Yogurt	4-6 oz	7046	.47	9019	.50	5278	.49
Yogurt	Yogurt	32 oz	1153	2.07	1290	2.17	1716	2.68

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 #	2.99-4.99	1498	3.52	3.00	275	3.00	3.49	119	3.49
Cheese	Natural Varieties	8 oz block	1.24-3.00	2483	2.14	2.00-3.00	2422	2.32	1.33-2.00	801	1.91
Cheese	Natural Varieties	1 # block	2.99-3.99	207	3.64	2.99-5.00	712	4.41	2.99-3.49	671	3.15
Cheese	Natural Varieties	2 # block	3.99-8.98	255	6.49						
Cheese	Natural Varieties	8 oz shred	1.99-3.99	2137	2.36	2.00-2.50	2467	2.24	1.33-2.99	951	2.19
Cheese	Natural Varieties	1 # shred	3.99	59	3.99	5.00	502	5.00	2.99-4.50	548	3.80
Cottage cheese		16 oz	1.50-2.99	1012	2.12	1.50-1.99	1261	1.55	1.50-2.00	439	1.81
Cream cheese		8 oz	1.49-2.89	1151	1.86	1.49-2.50	2159	2.07	0.99-1.99	1088	1.67
Flavored milk	All fat tests	half gallon	2.50	110	2.50	1.99-2.50	1280	2.47	1.00	110	1.00
Flavored milk	All fat tests	gallon	1.99-4.99	192	3.68				2.50	53	2.50
Ice cream		48-64oz	1.97-3.99	3790	2.91	1.99-3.50	1852	2.47	1.75-3.99	2197	2.69
Milk	All fat tests	half gallon							1.00-1.25	179	1.10
Milk	All fat tests	gallon	3.59-3.99	380	3.74	1.99-2.99	1237	2.52	1.49-1.79	332	1.68
Sour cream		16 oz	1.29-1.99	1361	1.57	1.49-1.50	1883	1.50	1.50-2.00	464	1.74
Yogurt	Greek	4-6 oz	0.49-1.19	3815	.90	0.88-1.00	3455	.99	0.66-1.00	2290	.87
Yogurt	Greek	32 oz	3.00-5.49	649	4.29						
Yogurt	Yogurt	4-6 oz	0.33-1.25	1719	.51	0.30-0.50	1624	.49	0.30-0.59	1115	.46

Wtd Avg - Simple weighted average



Commodity	Type	Pack Size	NORTHEAST U.S.			SOUTHEAST U.S.			MIDWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Yogurt	Yogurt	32 oz	1.99-2.50	345	2.25	2.50	120	2.50	1.99	213	1.99

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 #	3.49-3.99	203	3.69	1.79	63	1.79	2.49-3.99	485	3.34
Cheese	Natural Varieties	8 oz block	0.77-3.33	777	2.40	1.25-2.00	955	1.58	0.99-3.00	166	1.73
Cheese	Natural Varieties	1 # block	2.99-5.00	133	3.82	2.77-4.99	935	3.84	2.99-3.99	476	3.74
Cheese	Natural Varieties	2 # block				5.49-7.99	602	6.23	5.99-6.99	171	6.60
Cheese	Natural Varieties	8 oz shred	1.49-3.33	1199	2.64	1.25-3.50	1422	1.96	0.97-3.00	629	2.44
Cheese	Natural Varieties	1 # shred	2.88-5.00	196	3.47	2.77-2.99	451	2.87	2.99-3.99	187	3.34
Cottage cheese		16 oz	1.79-2.99	433	2.53	1.00-1.69	292	1.42	1.99-2.00	279	2.00
Cream cheese		8 oz	1.49-2.79	277	2.28	1.99-2.50	538	2.22	1.49-2.50	174	1.89
Flavored milk	All fat tests	half gallon	1.99	235	1.99	2.29	178	2.29			
Flavored milk	All fat tests	gallon	3.69	54	3.69				3.49	105	3.49
Ice cream		48-64oz	1.97-5.50	1255	3.27	1.99-4.99	2218	3.00	2.50-4.99	198	3.83
Milk	All fat tests	half gallon	1.45-1.99	188	1.78				0.99	66	.99
Milk	All fat tests	gallon	2.99	60	2.99	1.89-2.39	421	2.18			
Sour cream		16 oz	1.50-1.99	298	1.75	1.00-1.78	643	1.42	1.50-2.00	376	1.75
Yogurt	Greek	4-6 oz	0.79-1.00	1320	.93	0.69-1.00	2424	.89	0.69-1.00	1400	.86
Yogurt	Greek	32 oz	3.39-3.99	397	3.59	4.99	178	4.99	3.49-4.49	463	3.79
Yogurt	Yogurt	4-6 oz	0.29-0.50	740	.40	0.33-0.88	1059	.50	0.33-0.50	698	.38
Yogurt	Yogurt	32 oz				1.49-1.99	424	1.78			

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 #	4.00	2	4.00			
Cheese	Natural Varieties	8 oz block				2.33-2.89	58	2.50
Cheese	Natural Varieties	1 # block	3.29	11	3.29			
Cheese	Natural Varieties	2 # block				6.49	27	6.49
Cheese	Natural Varieties	8 oz shred	2.49	21	2.49	2.33-2.89	58	2.50
Cottage cheese		16 oz				2.29-2.50	51	2.40
Cream cheese		8 oz	3.50	28	3.50	2.50	30	2.50
Ice cream		48-64oz	3.00-4.49	48	3.87	3.49-5.29	173	4.30
Milk	All fat tests	gallon				4.77-4.99	37	4.97
Sour cream		16 oz	1.69-2.00	13	1.74	2.29-2.50	58	2.41
Yogurt	Greek	4-6 oz	1.00	2	1.00	0.99-1.25	31	1.02
Yogurt	Yogurt	4-6 oz	0.40-0.60	47	.51	0.50-0.99	44	.57
Yogurt	Yogurt	32 oz				2.49-2.69	51	2.58



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 #	183	4.99	428	5.09	69	4.79
Cheese	Natural Varieties	8 oz block	754	4.15	838	4.18	365	3.99
Cheese	Natural Varieties	8 oz shred	467	3.60	178	2.79		
Cottage cheese		16 oz	224	3.22	266	3.79		
Cream cheese		8 oz	278	2.32			84	2.50
Flavored milk	All fat tests	half gallon	269	4.47	463	4.77		
Ice cream		48-64oz			101	6.99		
Milk	All fat tests	half gallon	3467	3.75	4395	4.11	727	3.75
Milk	All fat tests	gallon	219	4.95	728	4.55	586	6.36
Milk	All fat tests	8 oz UHT	886	1.00	1320	1.00	651	.83
Sour cream		16 oz	244	1.50	585	2.42	434	1.99
Yogurt	Greek	4-6 oz	1108	1.51	726	1.35	284	1.13
Yogurt	Greek	32 oz	264	2.50	137	2.50		
Yogurt	Yogurt	4-6 oz			110	.40	72	1.00
Yogurt	Yogurt	32 oz	1200	2.69	990	2.50		

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
Cottage cheese		16 oz							2.99	119	2.99
Cream cheese		8 oz				2.49	90	2.49	1.99	98	1.99
Flavored milk	All fat tests	half gallon	3.99-4.79	269	4.47						
Milk	All fat tests	half gallon	3.29-4.99	966	4.23	2.49-4.49	210	3.63	2.49-4.79	641	3.70
Milk	All fat tests	8 oz UHT	1.00	100	1.00				1.00	116	1.00
Yogurt	Greek	4-6 oz	1.39-1.67	1047	1.50	1.67	61	1.67			
Yogurt	Greek	32 oz							2.50	264	2.50
Yogurt	Yogurt	32 oz				2.50-3.00	304	2.85	2.50	221	2.50

Commodity	Type	Pack Size	SOUTH CENTRAL U.S.	SOUTHWEST U.S.	NORTHWEST U.S.
Wtd Avg - Simple weighted average					



			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	114	4.99				5.00	69	5.00
Cheese	Natural Varieties	8 oz block	3.49	114	3.49	4.99	246	4.99	3.49-4.69	394	3.81
Cheese	Natural Varieties	8 oz shred				3.79	178	3.79	3.49	289	3.49
Cottage cheese		16 oz							3.49	105	3.49
Cream cheese		8 oz				2.50	90	2.50			
Milk	All fat tests	half gallon	2.88-3.99	579	3.62	2.49-3.99	629	3.49	2.99-3.50	410	3.35
Milk	All fat tests	gallon				3.99	114	3.99	5.99	105	5.99
Milk	All fat tests	8 oz UHT	1.00	141	1.00	1.00	355	1.00	0.99-1.00	174	.99
Sour cream		16 oz				1.50	244	1.50			
Yogurt	Yogurt	32 oz	2.50	219	2.50	2.50-3.50	324	2.85	2.50	121	2.50

Commodity	Type	Pack Size	ALASKA U.S.			HAWAII U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Milk	All fat tests	half gallon	2.99-4.00	32	3.65			
Yogurt	Yogurt	32 oz	2.99	11	2.99			

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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