

**DAIRY MARKET NEWS AT A GLANCE**

**CME GROUP CASH MARKETS (2/04)**

**BUTTER:** Grade AA closed at \$2.5000. The weekly average for Grade AA is \$2.4855 (-0.1280).

**CHEESE:** Barrels closed at \$1.8950 and 40# blocks at \$1.9000. The weekly average for barrels is \$1.8325 (+0.1200) and blocks, \$1.8695 (+0.1085).

**NONFAT DRY MILK:** Grade A closed at \$1.8325. The weekly average for Grade A is \$1.8160 (+0.0215).

**DRY WHEY:** Extra grade dry whey closed at \$0.8575. The weekly average for dry whey is \$0.8550 (+0.0330).

**CHEESE HIGHLIGHTS:** The persistent narrative of supply chain limitations and labor shortages continues to burden cheese manufacturers across the United States this week, as an end in sight regarding these perplexities is unclear. What is clear is that cheese plants that are active are running fairly busy schedules, with balanced to available milk supplies. Spot milk prices in the Midwest ranged from \$2 under Class to flat market. Compared to last year, spot milk prices during week five of 2021 were \$8.50 to \$5 under Class. Cheesemakers' relay retail demand is generally healthy. Food service demand is somewhat quieter, and recent winter storms affecting school districts and restaurants are not expected to aid in more purchasing. Contacts also contend that teetering market prices have not enticed customers to take on anything outside of their short-term needs. This week, though, market prices have exhibited some steadily bullish resiliency.

**BUTTER HIGHLIGHTS:** Cream is readily available across the Central and West regions, which is helping to fuel active butter production. In the East, where heavy post-snowstorm bottling pulls are moderating milk flows to balancing operations, butter production is steady to lower. Across all regions, some manufacturers continue to face labor pool issues, supply chain issues, and transportation delays. Availability remains limited for bulk butter inventories. Food service demand is softening. Retail sales are steady to slower. Strong export interest is present. Across the country this week, bulk butter overages range from 7 to 15 cents above market.

**FLUID MILK:** During a week of harsh winter weather and storms in many areas, Midwest milk production may resolve lower, with the rest of the country steady to higher. In the East and West regions plant staffing shortages have led to reduced production schedules. Driver shortages are also reported. Some milk produced in the West is being sent to Canada. Spot milk prices ranged from \$2 under to Class III. Some cheese plant managers say bids of \$3 under or lower were not being met any more. F.O.B. cream multiples are 1.20-1.35 in the East, 1.20-1.30 in the Midwest, and 1.00-1.25 in the West. Transportation snags continue to plague condensed skim. There is condensed skim available in the Midwest pushing against transportation difficulties, including moving it to the west where there is buying interest. Cream availability is looser in the Midwest. Cream is steady elsewhere.

**DRY PRODUCTS:** Central and East prices for low/medium heat nonfat dry milk showed strength. The West was steady at the top of the range, but the bottom moved lower. High heat NDM prices are steady. International SMP prices are cited as helping sustain U.S. NDM pricing. Domestic NDM production continues to struggle with labor and driver shortages. Dry buttermilk prices strengthened. Buying demand is bidding for somewhat tight supplies. Global buttermilk pricing is also helping pull U.S. buttermilk prices higher. Dry whole milk prices are higher. Production is focused on contracts. Spot sales are stymied by scarce supplies. Pricing for dry whey moved higher. Supplies are tight and that is generating price strength. Whey protein concentrate 34% prices are higher. Supplies are tight. This is compounded by added demand for WPC 34% as a value substitute for other dairy proteins. Lactose pricing is steady to slightly lower at the bottom of the price range. Most U.S. production is staying in the U.S. due to export logistics challenges. Even so, inventories are staying steady. Acid and rennet casein prices increased. Constrained production and increased demand are driving pricing.

-CONTINUED ON PAGE 1A-

**TABLE OF CONTENTS**

Product Highlights/CME/DMN at a Glance	<b>1</b>	Dry Whey/WPC 34%/Lactose/Casein	<b>6</b>	Milk Cow Inventory Summary	<b>15</b>
Weekly CME Cash Trading/Butter Markets	<b>2</b>	U.S. Dairy Cow Slaughter/Class Milk Prices/NDPSR/Futures	<b>7</b>	Final Class Prices by Order	<b>16</b>
Cheese Markets	<b>3</b>	International Dairy Market News	<b>8</b>	Dairy Graphs	<b>G1</b>
Fluid Milk and Cream	<b>4</b>	DMN January Monthly Averages	<b>9</b>	National Retail Report - Dairy	
Nonfat Dry Milk/Dry Buttermilk/Dry Whole Milk	<b>5</b>	December Agricultural Prices Highlights	<b>12</b>	Dairy Market News Contacts	
		REVISED Measure of Growth in FMMO (1950-2020)	<b>13</b>		

**DAIRY MARKET NEWS PRICE SUMMARY FOR JANUARY 31 - FEBRUARY 4, 2022**  
**PRICES (\$/LB) & CHANGES FROM PREVIOUS PUBLISHED PRICES**

Commodity	Range		Mostly		Commodity	Range		Mostly		Commodity	Range		Mostly	
<b>NDM</b>					<b>BUTTERMILK</b>					<b>LACTOSE</b>				
Central Low/Med. Heat	1.7600	1.8800	1.7900	1.8300	Central/East	1.6500	1.7700			Central/West	0.3100	0.5300	0.3700	0.4400
Change	0.0400	N.C.	0.0300	0.0200	Change	0.1000	0.0200			Change	-0.0100	N.C.	N.C.	N.C.
Central High Heat	1.9200	2.0500			West	1.5200	1.7000	1.5400	1.6000	<b>WPC 34%</b>				
Change	N.C.	N.C.			Change	0.0400	0.0800	0.0400	0.0500	Central/West	1.4400	1.6675	1.5050	1.5725
West Low/Med. Heat	1.7450	1.9250	1.7800	1.8200	<b>WHEY</b>					Change	0.0700	0.0475	0.0650	0.0275
Change	-0.0050	N.C.	N.C.	N.C.	Central	0.7225	0.8450	0.7500	0.8000	<b>CASEIN</b>				
West High Heat	1.9250	2.0350			Change	0.0225	0.0150	0.0450		Rennet	4.8800	5.1000		
Change	N.C.	N.C.			West	0.7225	0.8225	0.7700	0.8100	Change	0.0100	0.0100		
<b>DRY WHOLE MILK</b>					Change	0.0225	0.0225	0.0300	0.0200	Acid	5.8800	5.9800		
National	2.2000	2.4200			Northeast	0.7100	0.7925			Change	0.0200	0.0100		
Change	0.2000	0.1600			Change	0.0200	0.0100			<b>ANIMAL FEED WHEY</b>				
									Central	0.5800	0.6200			
									Change	N.C.	0.0100			

**DAIRY MARKET NEWS PRICE SUMMARY FOR JANUARY 24 - FEBRUARY 4, 2022**  
**PRICES (\$/MT) & CHANGES FROM PREVIOUS PUBLISHED PRICES**

Commodity	Range		Commodity	Range		Commodity	Range	
<b>SMP</b>			<b>WHOLE MILK POWDER</b>			<b>BUTTER</b>		
W. Europe	3925	4150	W. Europe	4975	5300	W. Europe	6500	7150
Change	50	100	Change	175	275	Change	N.C.	200
Oceania	3950	4100	Oceania	4100	4325	Oceania	6150	6400
Change	50	100	Change	100	225	Change	300	200
S. America	3250	3650	S. America	3650	3750	<b>BUTTEROIL</b>		
Change	N.C.	N.C.	Change	50	N.C.	W. Europe	6500	8800
<b>WHEY</b>					Change	100	175	
W. Europe	1400	1525			<b>CHEDDAR CHEESE</b>			
Change	75	25			Oceania	5400	5725	
					Change	-100	-25	

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**INTERNATIONAL DAIRY MARKET NEWS (DMN): WESTERN EUROPEAN OVERVIEW:** Seasonal milk output increases in the largest dairy producing country in Europe, Germany, are inching up slowly. The persistently stifled milk production from dairy farms reflects various underlying factors. Dairy cow numbers continue to decline, according to German sources. No single factor seems to be driving this reduction. Slaughter cow prices firmed last year, which motivated some herd reductions. Also pushing this outcome was higher farm operating costs chipping away at net dairy farm earnings. Costs include feed, diesel fuel, fertilizer, energy, as well as environmental and social costs, such as environmental and animal welfare factors. **EASTERN EUROPEAN OVERVIEW:** Current conditions in Ukraine and surrounding countries has led to increased discussion about where or if dairy factors may be affected, if at all. In the larger context of all of Europe, Western Europe plays a relatively minor role. But within Eastern Europe, there is substantial cross border dairy trade. **AUSTRALIA:** Brushfire warnings in Western Australia are generating some concern. This contrasts with recent monsoon activity which brought flooding to other areas. Extremely heavy rain from cyclone Tiffany, which caused flooding, left parts of Western Australia, South Australia and Northern Territory road and rail lines cut off. **NEW ZEALAND:** The continuing strength in New Zealand WMP prices has resulted in some increases in seasonal milk price forecasts. A large New Zealand coop increased the forecast \$0.50 to \$8.70 - \$9.50/kgMS. Another New Zealand dairy organization shifted higher to \$9.16-\$9.42/kgMS. Either way, increasingly more economists are speaking about the potential for end of season milk prices setting a record if global milk supplies continue to tighten. **SOUTH AMERICA:** The near term outlook for milk production in Latin America is far from assured. The dryness associated with La Nina patterns is beginning to raise more concerns across the continent. Dairy farmers' yields have yet to be noticeably affected due to the dry, hot summer conditions.

**NATIONAL RETAIL REPORT (DMN):** The total number of conventional dairy ads grew by 6 percent this week. Organic ad numbers decreased 8 percent. Even during the cold of February, conventional ice cream in 48 - 64-oz containers is the second most advertised product/size. The weighted average advertised price, \$3.17, is \$0.05 lower than last week. Ads for conventional half gallons of milk increased 70 percent. Organic milk half gallon ads increased 22 percent. Conventional half gallon milk has a national weighted average advertised price of \$1.58. Organic half gallons have a national weighted average advertised price of \$4.22, resulting in a \$2.64 organic milk price premium.

**DECEMBER AGRICULTURAL PRICES HIGHLIGHTS (NASS):** The All Milk price received by farmers was \$21.80 in December, up \$3.50 from December 2020. The alfalfa hay price was \$213.00 in December, up \$47.00 from December 2020. The corn price was \$5.47 in December, up \$1.50 from December 2020. The soybean price was \$12.50 in December, up \$1.90 from December 2020. The milk-feed price ratio was 1.98 in December, down 0.19 from December 2020. The index of prices received by farmers for dairy products during the month of December 2021 was up 5 to 108.5. Compared to December 2020, the index was up 17.5 points (19.2 percent). The index of prices paid by farmers for commodities and services, interest, taxes, and wage rates in December 2021 was up 1.3 points to 120.7. Compared with December 2020, the index was up 10.5 points (9.5 percent).

**REVISED MEASURES OF GROWTH IN FEDERAL MILK MARKETING ORDERS 1950-2020 (FMMO):** 2020 Highlights: Total Receipts of milk pooled under Federal Milk Marketing Orders totaled 137.8 billion pounds marketed by 24,906 dairy producers across all Federal orders in 2020. Total receipts were 11.9 percent lower than 2019. Pooled producer numbers were 15.5 percent lower than 2019. The average daily delivery of producer milk per pooled producer was 4.1 percent higher compared to 2019. In 2020, milk marketed through Federal orders accounted for 63 percent of all milk sold and 62 percent of fluid grade milk sold to U.S. plants and milk dealers.

**JANUARY 1 MILK COW INVENTORY SUMMARY (NASS):**

The number of milk cows in the United States as of January 1, 2022, totaled 9.38 million head, were down 1 percent from the previous year. Milk cow replacement heifers totaled 4.45 million head, down 3.4 percent from the previous year. The percentage of milk cow replacement heifers per 1,000 milk cows on January 1, 2022, was 47.5, down 1.3 percent from the previous year. Milk cow replacement heifers expected to calve during the year totaled 28.4 million head, down 3 percent from the previous year.

**FINAL CLASS PRICES BY ORDER (FMMO):** The following are the January 2022 class prices under the Federal milk order pricing system and changes from the previous month: Class II: \$22.83 (\$+2.99), Class III: \$20.38 (\$+2.02), and Class IV: \$23.09 (\$+3.21). Under the Federal milk order pricing system, the butterfat price for January 2022 is \$2.9567 per pound. Thus, the Class II butterfat price is \$2.9637 per pound. The protein and other solids prices for January 2022 are \$2.3563 and \$0.5249 per pound, respectively. These component prices set the Class III skim milk price at \$10.40 per cwt. The January 2022 Class IV skim milk price is \$13.20, which is derived from the nonfat solids price of \$1.4662 per pound. The product price averages for January 2022 are: butter \$2.6130, nonfat dry milk \$1.6488, cheese \$1.8978, and dry whey \$0.7087.

COMMODITY	MONDAY JAN 31	TUESDAY FEB 1	WEDNESDAY FEB 2	THURSDAY FEB 3	FRIDAY FEB 4	WEEKLY CHANGE	WEEKLY AVERAGE
<b>CHEESE</b>							
BARRELS	\$1.7800 (+0.0375)	\$1.7950 (+0.0150)	\$1.8400 (+0.0450)	\$1.8525 (+0.0125)	\$1.8950 (+0.0425)	:: (+0.1525)	:: \$1.8325 (+0.1200)
40 POUND BLOCKS	\$1.8300 (+0.0400)	\$1.8575 (+0.0275)	\$1.8800 (+0.0225)	\$1.8800 (N.C.)	\$1.9000 (+0.0200)	:: (+0.1100)	:: \$1.8695 (+0.1085)
<b>NONFAT DRY MILK</b>							
GRADE A	\$1.8300 (+0.0250)	\$1.8100 (-0.0200)	\$1.7975 (-0.0125)	\$1.8100 (+0.0125)	\$1.8325 (+0.0225)	:: (+0.0275)	:: \$1.8160 (+0.0215)
<b>BUTTER</b>							
GRADE AA	\$2.5400 (N.C.)	\$2.4825 (-0.0575)	\$2.4525 (-0.0300)	\$2.4525 (N.C.)	\$2.5000 (+0.0475)	:: (-0.0400)	:: \$2.4855 (-0.1280)
<b>DRY WHEY</b>							
EXTRA GRADE	\$0.8500 (+0.0100)	\$0.8525 (+0.0025)	\$0.8575 (+0.0050)	\$0.8575 (N.C.)	\$0.8575 (N.C.)	:: (+0.0175)	:: \$0.8550 (+0.0330)

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

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

**BUTTER MARKETS**

**NORTHEAST**

EAST: Butter production is steady to lower, hinging on milk volumes moving into balancing operations. Bottling pulls are still heavy in the Northeast following the winter snowstorm. Churn production, to improve butter supplies ahead of the upcoming holiday, is a concern for some manufacturers in the region as supply chain snarls continue. Overall, butter holdings are moderate to light in the region. Demand is somewhat mixed as the market environment prods some buyers to make additional purchases now, while others delay purchasing with cautious buying. Retail orders are good. Sales in the food service sector are down. Demand is variable in the export market. The market undertone is unsettled as buyers/sellers gauge inventory value and butter price.

Prices for: Eastern U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter  
Bulk Basis Pricing - 80% Butterfat \$/LB: +0.0800 - + 0.1000

**WEST**

In the West cream demand is unchanged, as inventories remain available in the region. Labor shortages are causing some processing facilities to run below capacity. Due to this, some stakeholders report that they are selling loads of cream at a discount from previous weeks. Strong demand for butter is present in both domestic and international markets. Spot inventories are tight, though contacts report that salted butter is easier to find than unsalted. Port congestion and a shortage of truck drivers continue to cause delays to deliveries of loads. Butter production is steady to lower. Labor shortages and delayed deliveries are causing butter makers to run reduced schedules. Bulk butter overages range from 7 to 13 cents over the CME market price.

Prices for: Western U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter  
Bulk Basis Pricing - 80% Butterfat \$/LB: +0.0700 - +0.1300

Secondary Sourced Information:

GLOBAL DAIRY TRADE AUCTION (GDT)  
Tuesday's auction saw butter advance 3.3 percent in the GDT Price Index, based on all contract pricing.

**CENTRAL**

Cream is readily available, and a lot of it is moving into churns within the region. Butter plant managers suggest sales on both the retail and food service sides have slowed down in recent weeks. This slowdown is giving them the opportunity to build some spring holiday inventories, as churning is notably active right now. Cream multiples are down from last week, as low as 1.20 at report time. Despite a bullishly tight NASS Cold Storage report, butter market tones are undecided. Double digit leaps and falls in the latter half of January have buyers hesitant to make off-contract purchases.

Prices for: Central U.S., All First Sales, F.O.B., Grade AA, Conventional, and Edible Butter  
Bulk Basis Pricing - 80% Butterfat \$/LB: +0.1100 - +0.1500

## CHEESE MARKETS

## NORTHEAST

Northeastern cheesemaking schedules are busy, and Class III milk intakes at cheese plants are steady to higher. Some manufacturers are operating at, or close to, full capacity. However, operations are constrained at other facilities as plant managers face industry-wide challenges like staffing issues. Furthermore, some delays of production and/or packaging supplies, arising from ongoing supply chain issues and driver shortages, have reportedly been exacerbated by recent winter storms. Regional cheese inventories are abundant, and stocks are available to fulfill spot and contract needs. Retail sales remain hearty, but food service demand is steady to softening. Through Tuesday on the CME, prices pushed higher this week for both cheddar blocks and barrels.

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

Cheddar 40 pound Block	2.2150-2.5025
Muenster	2.2025-2.5525
Process American 5 pound Sliced	1.8125-2.2925
Swiss 10-14 pound Cuts	3.4550-5.7775

## MIDWEST

Cheesemakers in the region continue to say milk availability is generally balanced, but cheese plant downtime due to logistical/staffing shortages has kept discounts on hand this week. Prices, at report time, are ranging from Class to \$2 under Class III. More cheese contacts are suggesting supplies are stalled in shipping, and plants are more prone to downtime, due to supply and worker shortness. Cheese demand remains slower than it was in the late fall, at least partially due to market price downward pressure. This week, however, markets are experiencing some bullish market correction day to day. Cheese inventories have grown in availability, but they are not at concerning levels within the Central region.

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

Blue 5 pounds	2.4000-3.4675
Brick 5 pounds	2.1300-2.5550
Cheddar 40 pound Block	1.8525-2.2525
Monterey Jack 10 pounds	2.1050-2.3100
Mozzarella 5-6 pounds	1.9300-2.8750
Muenster 5 pounds	2.1300-2.5550
Process American 5 pound Loaf	1.7975-2.1575
Swiss 6-9 pound Cuts	2.9700-3.0875

## WEST

In the West, steady demand for cheese is present in retail markets, while food service demand has declined. Some contacts report that many restaurants in the region continue to remain closed due to COVID concerns and labor shortages. International demand is strong, with contacts reporting notable demand for loads to export to both Mexico and Asian markets. Export loads of cheese continue to face delays due to port congestion; some stakeholders have suggested that they are looking for alternative transportation methods to reduce these delays. Further delays to loads are occurring due to a shortage of truck drivers in the region. Cheese block and barrel inventories are available to meet current market demands. Cheese production is steady, though some plant managers say that they are running below capacity due to labor shortages.

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

Cheddar 10 pound Cuts	2.0900-2.2900
Cheddar 40 pound Block	1.8425-2.3325
Monterey Jack 10 pounds	2.0775-2.3525
Process American 5 pound Loaf	1.8150-2.0700
Swiss 6-9 pound Cuts	3.2625-3.6925

## FOREIGN

Continuing price strength for cheese manufactured in Western Europe is no surprise. There was a slight increase in aging stocks primarily because manufacturers want to eke out an increase. Aged cheese has been sacrificed to meet demand for cheese with little age. There is going to be a renewed effort to rebuild aging stocks while addressing short term demand. New or infrequent buyers will be most affected in being passed over. Buying interest is strong from within the EU as well as from export customers. Many buyers are more focused on getting cheese than on price. Western European pricing, even with recently higher logistics costs, is not deterring buying interest. Most current production is going to existing customers. That will remain the priority. Contracting is well underway into Q2 2022.

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

VARIETY	NEW YORK	
	IMPORTED	DOMESTIC
Blue	2.6400-5.2300	2.0725-3.5600*
Gorgonzola	3.6900-5.7400	2.5800-3.2975*
Parmesan	-0-	3.4600-5.5500*
Romano	-0-	3.2625-5.4175*
Sardo Romano (Argentina)	2.8500-4.7800	-0-
Reggianito (Argentina)	3.2900-4.7800	-0-
Jarlsberg	-0-	-0-
Swiss	-0-	3.4900-3.8150
Swiss (Finland)	2.6700-2.9300	-0-

\* = Price change.

## COLD STORAGE

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

	BUTTER	CHEESE
01/31/2022	38663	91028
01/01/2022	32878	82899
CHANGE	5785	8129
% CHANGE	18	10

## Secondary Sourced Information:

This week, a cooperative export assistance program accepted requests for export assistance to sell 3.8 million pounds (1,719 metric tons) of American-type cheese. So far this year, the program has assisted member cooperatives with contracts to sell 15 million pounds of American-type cheeses.

## FLUID MILK AND CREAM

## EAST

Northeast milk output is level. Class I and Class III orders are higher while Class II demand is steady. Although the state board recommendation is still pending final approval, recent reports indicate some New York farmers are concerned about phasing in a 40-hour overtime threshold for agricultural workers by 2032. Last week's Nor'easter brought heavy snow accumulation and road closures to some areas along the Eastern Seaboard, complicating existing transportation snags. With Winter Storm Landon in the forecast for this week, some contacts note that changes in milk production are not currently anticipated but they allow that flows could be impacted by inclement weather. Mid-Atlantic milk output is steady. Bottling sales are level to higher. Staffing shortages are noted on dairy farms and at processing facilities. Southeastern farm level milk production is steady. Most local milk supplies are being absorbed by very strong bottling demand ahead of upcoming winter storms. Limited to no milk is available for manufacturing. Despite some unseasonably cool temperatures, Florida milk production is pretty steady. Bottling sales are level to increasing. Cream demand is fairly level throughout the East, but availability is said to be somewhat mixed. Some contacts suggest, however, that this may be less of a cream supply issue than a transportation issue. Butter output is level to lower. Ice cream production is increasingly active. Condensed skim availability is loosening but it is not exempt from hauling issues; sourcing trucks and drivers to transport condensed skim is said to be challenging.

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

Price Range - Class II; \$/LB Solids: 1.67 - 1.72

Price Range - Class III; \$/LB Solids: 1.34 - 1.39

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

Multiples Range - All Classes: 1.2000 - 1.3500

Price Range - Class II; \$/LB Butterfat: 3.1362 - 3.5282

## MIDWEST

Numerous winter storms over the past two weeks have impacted milk production off the farm, but the outcomes of inclement weather have yet to be tallied and vary across the region. Still, projections are expected to decrease some near term on the whole. South Central milk output figures, until storms hit earlier this week, were moving higher. Some states are implementing measures to shorten the time it takes for drivers to get to test for commercial drivers' licenses, to help ensure schools receive milk for their student bodies. Bottling orders are mixed throughout the region, but have levelled off some since early/mid-January. Condensed skim is available, but as with fluid milk, transporting it is growing in difficulty. Cheesemakers say milk is not short, as more cheese plants are offering an extra day off or even shifting employees to alternate plants if possible, to meet customer needs. Spot milk prices ranged from \$2 under to Class III. Some cheese plant managers say bids of \$3 under or lower were not being met any more. Cream availability has loosened some week to week. Butter churners are busy preparing for spring demand upticks, and they are finding cream at affordable prices, as multiples dropped to 1.20 on the low end this week. Recent snowfall in parts of the South Central region is expected to aid, although not alleviate, concerns about dry/drought conditions for wheat farmers.

Price Range - Class III Milk; \$/CWT; Spot Basis: -2.00 - 0.00

Trade Activity: Moderate

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

Multiples Range - All Classes: 1.2000 - 1.3000

Price Range - Class II; \$/LB Butterfat: 3.3453 - 3.3976

Multiples Range - Class II: 1.2800 - 1.3000

## WEST

Milk production in California is steady to higher. Transportation delays and staffing shortages have caused some processing facilities to run reduced schedules in recent weeks. Demand is unchanged across Classes. In Arizona, milk production is trending higher. Milk supplies are available for producers to run busy schedules. Some bottling operations are running below capacity due to staffing shortages and unplanned down time. Loads of milk intended for these bottling operations are, reportedly, being diverted to balancing plants. Class I demand is steady to lower. In New Mexico, milk production is steady. Some processors report that loads of milk are being delayed by a shortage of truck drivers and staffing shortages. Demand is steady for Class I, while Class II demand is declining. Farm level milk production is steady to higher in the Pacific Northwest. Contacts report that milk is available. Some producers in the region say that they are sending loads of milk into Canada to help with local demand. Labor shortages in the area are, reportedly, causing some plant managers to reduce production schedules. Demand is steady across all Classes. In the mountain states of Idaho, Utah, and Colorado, milk production is steady. Producers say that milk is available, as some production facilities are running below capacity. In Idaho, some contacts report buying loads of milk at a discount to Class IV in recent weeks. Demand for Class I and Class II is steady. Condensed skim contracts are unchanged in the West. Some contacts say that there is interest in loads of condensed milk from purchasers in the Midwest, but that they are having difficulty finding available drivers to move loads. Demand for cream is steady. Some processing facilities in the region are running below capacity, due to labor shortages. Due to this, contacts report that they are selling loads of cream at a discount from previous weeks. Western cream multiples moved lower on both ends of the range this week.

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

Multiples Range - All Classes: 1.0000 - 1.2500

## NONFAT DRY MILK, BUTTERMILK &amp; WHOLE MILK

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

## NONFAT DRY MILK - CENTRAL AND EAST

**CENTRAL:** Low/medium heat nonfat dry milk (NDM) prices moved higher on the bottom of the range and both sides of the mostly series. Although condensed skim is available, handlers are facing continued difficulties in getting it from one area to another, or in some cases to somewhat nearby plants. Additionally, plants are contending with employee shortness and supply chain delays receiving necessary equipment to blend, balance, and dry fluids. Customers who can use whey protein concentrate 34% are seeing those comparatively favorable prices edge higher as well. High heat NDM is notably tight, although prices did not move up based on quieter trading activity. NDM market tones remain quite bullish.

**EAST:** Eastern trading of low/medium heat nonfat dry milk (NDM) remained steady this week, as Eastern reported prices are nearly exclusively above \$1.80. Overall trading activity has leveled off some after some notably busy weeks in the first full month of 2022, but it is not quiet despite the very bullish price movements. As is the case across the dairy industry, employee/driver tightness and logistical hurdles are impacting how much NDM is available. A number of domestic end users report they are doing what they can to await market shifts down, but Mexican demand has kept producers busy and supplies tight. High heat NDM trading activity was quiet, as supplies are very tight. Continued demand in the face of tight supplies is keeping the NDM market tone notably bullish.

Prices for: Eastern and Central U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Nonfat Dry Milk  
Price Range - Low & Medium Heat; \$/LB: 1.7600 - 1.8800  
Mostly Range - Low & Medium Heat; \$/LB: 1.7900 - 1.8300

Prices for: Eastern and Central U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Nonfat Dry Milk  
Price Range - High Heat; \$/LB: 1.9200 - 2.0500

## NONFAT DRY MILK - WEST

In the West, the price range for low/medium heat nonfat dry milk (NDM) held steady at the top of the range, while the bottom slid lower. The mostly price series is unchanged. Since last week, CME market prices for low/medium heat NDM have oscillated around \$1.80. Market prices are \$1.7975, as of reporting. Contacts report that NDM prices are supported by strong international prices for skim milk powder (SMP). Domestic demand for low/medium heat NDM is unchanged. International demand is trending higher, with contacts reporting increased interest for export loads to Mexico. Contacts report that loads of NDM are being delayed by port congestion and a shortage of truck drivers. Spot purchasers say that inventories are tightening. Production of low/medium heat is steady to lower. Some plant managers report unplanned down time due to labor shortages and a delayed deliveries of production supplies. The price range for high heat NDM held steady, this week. Spot inventories continue to be tight, in the region, while demand is unchanged. High heat NDM production is limited, as drying operations focus their schedules on SMP and low/medium heat NDM.

Prices for: Western U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Nonfat Dry Milk  
Price Range - Low & Medium Heat; \$/LB: 1.7450 - 1.9250  
Mostly Range - Low & Medium Heat; \$/LB: 1.7800 - 1.8200

Prices for: Western U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Nonfat Dry Milk  
Price Range - High Heat; \$/LB: 1.9250 - 2.0350

## DRY BUTTERMILK - CENTRAL AND EAST

**CENTRAL:** Dry buttermilk prices have strengthened this week as manufacturers set price points that align with the report of a stronger GDT dry buttermilk price. Dry buttermilk inventories are tight, but the opportunity for plants to add to supplies is possible as surplus cream moves to butter production. However, dryer availability could be an issue while in-house condensed skim is plentiful. Dry buttermilk demand is good. Meanwhile, buyers are careful to secure buttermilk on immediate-need-basis as market prices surge higher.

**EAST:** The dry buttermilk f.o.b. spot price continues to balloon in an East market challenged by exceedingly short supply, as the spring holiday baking season settles upon the market. Production is likely to improve in order to meet contract customers' needs. While the dry buttermilk market is highly volatile/bullish, there is very little price resistance from spot buyers who are actively seeking loads of dry buttermilk. The dry buttermilk market undertone is strong and unsettled.

Prices for: Eastern and Central U.S., All First Sales, F.O.B., Conventional, and Edible Buttermilk  
Price Range ; \$/LB: 1.6500 - 1.7700

## DRY BUTTERMILK - WEST

Both ends of the price range and mostly price series for dry buttermilk powder moved higher, in the West, this week. Demand for dry buttermilk powder is steady to higher in domestic markets. International demand is strong; contacts report notable interest from purchasers in Asian markets. Export loads of dry buttermilk powder are facing delays due to port congestion. Throughout the region, labor shortages and a lack of available truck drivers are causing delays to deliveries of loads and production supplies. Some contacts report that the shortage of available truck drivers has caused them to discard a few loads of liquid buttermilk. Spot purchasers say that dry buttermilk inventories are tight. Dry buttermilk powder production is unchanged. Drying operations are, reportedly, running below capacity in the region, as labor shortages and delayed deliveries of production supplies are causing plant managers to run reduced schedules.

Prices for: Western U.S., All First Sales, F.O.B., Conventional, and Edible Buttermilk  
Price Range ; \$/LB: 1.5200 - 1.7000  
Mostly Range - ; \$/LB: 1.5400 - 1.6000

## DRY WHOLE MILK - U.S.

Dry whole milk prices climbed higher this week. Trading activity is moderated by scarce spot availability. Some contacts have sourced less than load purchases, but even these transactions are reportedly limited as inventories are very tight. Manufacturers are largely prioritizing fulfilment of contractual obligations at this time, and dry whole milk production is intermittent. Demand is steady to stronger as confectioners and bakers are gearing up for spring holidays. As domestic demand continues to outpace dry whole milk availability, market undertones remain bullish.

Prices for: U.S., All First Sales, F.O.B., Conventional, and Edible Dry Whole Milk  
Price Range - 26% Butterfat; \$/LB: 2.2000 - 2.4200

**WHEY, WPC 34%, LACTOSE & CASEIN**

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

**DRY WHEY- CENTRAL**

Dry whey prices moved higher at every facet again this week. Class III production remains mixed, as more plants face employee and operational supply shortages. Still, other plants are running full and milk is available, but production shifts to high protein concentrates and mixed cheese/Class III production in general continues to tighten the sweet whey powder coffers. A number of contacts say they do not expect to see any \$.70 prices near term, although some spot trades made based on previous week's indices have kept lower prices in the low/mid \$.70s. Animal feed whey market trading activity was somewhat quiet. Markets moved up a penny on the top of the range. Dry whey market tones are in a rarefied bullish air.

Prices for: Central U.S., All First Sales, F.O.B., Conventional, and Non-Edible Dry Whey  
Price Range - Animal Feed; \$/LB: .5800 - .6200

Prices for: Central U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Dry Whey  
Price Range - Non-Hygroscopic; \$/LB: .7225 - .8450  
Mostly Range - Non-Hygroscopic; \$/LB: .7500 - .8000

**DRY WHEY- NORTHEAST**

Dry whey prices pushed upward this week in the East. Some contacts feel current prices are supported by firm demand and snug inventories, and some anticipate prices will continue to climb in future weeks. Market participants report steady to stronger demand from both domestic and international markets. Class III milk intakes are steady to higher for cheesemakers, and cheese production remains active in the region. Dry whey production is fairly steady. However, production at some dairy processing facilities has been stymied by recent inclement weather events; heavy snowfall and road closures prevented some staff from getting to plants and exacerbated ongoing transportation issues. On the CME group this week, dry whey prices inched up through Wednesday. The market continues to hold bullish undertones.

Prices for: Eastern U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Dry Whey  
Price Range - Non-Hygroscopic; \$/LB: .7100 - .7925

**DRY WHEY- WEST**

Prices for dry whey moved higher across both ends of the range and the mostly price series this week. The top end of the West dry whey price range moved above \$.80 for the first time since July of 2007. Market prices for dry whey continued to push higher, increasing by 3.75 cents, on the CME, since last Wednesday. Strong pricing for higher whey protein concentrates is, reportedly, supporting higher dry whey prices. Demand for dry whey is steady to higher in both domestic and international markets. Spot inventories of dry whey are mixed. Some spot purchasers say that inventories are available, while others report some tightness. Dry whey production is steady to lower. Some plant managers in the region report that labor shortages and delayed deliveries of production supplies have caused them to reduce production schedules. Dry whey production is further limited as drying operations are focusing on the production of higher whey protein concentrates and permeate.

Prices for: Western U.S., All First Sales, F.O.B., Extra Grade & Grade A, Conventional, and Edible Dry Whey  
Price Range - Non-Hygroscopic; \$/LB: .7225 - .8225  
Mostly Range - Non-Hygroscopic; \$/LB: .7700 - .8100

**WHEY PROTEIN CONCENTRATE**

Whey protein concentrate 34% prices vaulted higher once again across both the price range and the mostly price series. WPC 34% supplies are tight. Inventories have been kept thin by end users seeing WPC 34% as a good value compared to other dairy proteins and by the demand for higher whey protein concentrations dictating production schedules. Whey protein concentrate 80% and whey protein isolate have flexed their market muscles to drive whey solids toward the production of those two dairy products and have limited the amount driven toward WPC 34% production. Demand for WPC 34% that meets stringent end users' specifications is unwavering. Some industry contacts do not think the market conditions for WPC 34% will change much in the near term.

Prices for: Central and Western U.S., All First Sales, F.O.B., Extra Grade, Conventional, and Edible Whey Protein Concentrate  
Price Range - 34% Protein; \$/LB: 1.4400 - 1.6675  
Mostly Range - 34% Protein; \$/LB: 1.5050 - 1.5725

**LACTOSE**

Lactose prices are unmoved once again, aside from a penny lower at the bottom of the price range. While lactose prices in some international markets are above those in the United States, it has been difficult for U.S. exporters to take full advantage of the opportunities because of the shipping challenges that still exist. In some cases, processors are focusing on domestic markets to keep lactose moving. Manufacturers report that lactose is moving satisfactorily through contracted agreements. That is, enough lactose is leaving the warehouse to keep inventories, while heavy, from ballooning and become burdensome. However, industry contacts say spot sales activity is almost nonexistent this week. Domestic demand for any additional lactose is tepid. And with the onset of the Lunar holiday celebrations, calls from some Asian countries have slackened. Market participants shipping lactose into China are also working through the change in customs regulations regarding lactose. In some cases, shipments are stuck in Chinese customs, waiting for the approvals of paperwork that may be further delayed by the national holiday and time off for workers. Lactose production is steady to active with strong demand for higher whey protein concentrations dictating production cycles within the whey derivative complex.

Prices for: Central and Western U.S., Spot Sales And Up to 3 Month Contracts, F.O.B., Conventional, and Edible Lactose  
Price Range - Non Pharmaceutical; \$/LB: .3100 - .5300  
Mostly Range - Non Pharmaceutical; \$/LB: .3700 - .4400

**CASEIN**

Both acid casein and rennet casein recorded higher prices at each end of the price ranges. Global demand is increasing. United States based buyers are buying far more casein compared to one year ago. The same is said by traders to be true for buyers based in China. The disparity of much higher demand and struggling production due to tighter milk supplies leads to higher prices. It is that basic concept driving casein markets. Tighter supplies of more expensive casein are in store in coming weeks. That has led to far more foresighted contracting when manufacturers are willing. However, due to some uncertainty about volumes of milk that will become available, some manufacturers do not want to get committed too far ahead.

Prices for: Spot Sales And Up to 3 Month Contracts, Free on Board - Warehouse, Non-Restricted, All Mesh Sizes, Conventional, and Edible Casein  
Acid; Price Range - \$/LB: 5.8800-5.9800  
Rennet; Price Range - \$/LB: 4.8800-5.1000

CONTINUED ON PAGE 6A

**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.

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**CONTINUED FROM PAGE 6**

## Secondary Sourced Information:

At the GDT Event 301, on February 1, the lactose price for the April contract period was \$0.7108 per pound. Lactose was not traded on the January GDT events.

United States casein imports from January – November 2021, 49,000 MT, increased 19.5 percent from January – November 2020 according to CLAL data made available to USDA. The four top sources and percentage changes January – November 2021 compared to January – November 2020 are New Zealand, 19,900 MT, +24.59 percent; Ireland, 14,100 MT, +9.81 percent; France, 6,000 MT, +10.33; and Argentina, 4,212 MT, +52.67 percent.



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

WEEK ENDING	2022 WEEKLY DAIRY COWS	2022 CUMULATIVE DAIRY COWS	2021 WEEKLY DAIRY COWS	2021 CUMULATIVE DAIRY COWS
01/22/2022	62.5	240.0	67.9	254.9

WEBSITE: [http://www.ams.usda.gov/mnreports/sj\\_ls714.txt](http://www.ams.usda.gov/mnreports/sj_ls714.txt)

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

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2017	16.77	16.88	15.81	15.22	15.57	16.44	15.45	16.57	16.36	16.69	16.88	15.44
2018	14.00	13.40	14.22	14.47	15.18	15.21	14.10	14.95	16.09	15.53	14.44	13.78
2019	13.96	13.89	15.04	15.96	16.38	16.27	17.55	17.60	18.31	18.72	20.45	19.37
2020	17.05	17.00	16.25	13.07	12.14	21.04	24.54	19.77	16.43	21.61	23.34	15.72
2021	16.04	15.75	16.15	17.67	18.96	17.21	16.49	15.95	16.53	17.83	18.03	18.36

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2017	16.19	15.59	14.32	14.01	14.49	15.89	16.60	16.61	15.86	14.85	13.99	13.51
2018	13.13	12.87	13.04	13.48	14.57	14.91	14.14	14.63	14.81	15.01	15.06	15.09
2019	15.48	15.86	15.71	15.72	16.29	16.83	16.90	16.74	16.35	16.39	16.60	16.70
2020	16.65	16.20	14.87	11.40	10.67	12.90	13.76	12.53	12.75	13.47	13.30	13.36
2021	13.75	13.19	14.18	15.42	16.16	16.35	16.00	15.92	16.36	17.04	18.79	19.88

**FEDERAL MILK ORDER CLASS PRICES FOR 2022 (3.5% Butterfat)**

CLASS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
I (BASE)	19.71	21.64										
II	22.83											
III	20.38											
IV	23.09											

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

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

WEEK ENDING	BUTTER	CHEESE 40# BLOCKS	CHEESE BARRELS 38% MOISTURE	DRY WHEY	NDM
01/29/2022	2,7941 3,347,218	1,9983 12,009,365	1,8870 14,121,321	.7380 4,379,953	1,6813 21,380,288

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

**CME GROUP, INC FUTURES  
Selected settling prices**

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

DATE	01/28	01/31	02/01	02/02	02/03
JAN 22	20.36	20.37	20.39	20.38	
FEB 22	20.19	20.35	20.13	20.31	20.45
MAR 22	21.38	21.81	21.35	21.51	21.31

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

DATE	01/28	01/31	02/01	02/02	02/03
JAN 22	22.90	23.01	23.01	23.09	
FEB 22	23.57	23.67	23.60	23.45	23.45
MAR 22	23.56	24.15	24.13	23.74	23.74

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

DATE	01/28	01/31	02/01	02/02	02/03
JAN 22	261.35	261.35	260.00	261.30	
FEB 22	252.03	256.05	250.00	249.98	248.25
MAR 22	245.75	250.00	247.28	245.00	243.00

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

DATE	01/28	01/31	02/01	02/02	02/03
JAN 22	164.60	164.75	164.75	164.88	
FEB 22	175.75	176.50	175.03	174.50	175.00
MAR 22	179.75	182.00	178.00	178.35	179.48

**WHEY (Electronic-Traded) (¢/lb)**

DATE	01/28	01/31	02/01	02/02	02/03
JAN 22	70.50	70.50	70.50	70.87	
FEB 22	77.00	78.03	78.03	78.03	78.30
MAR 22	81.75	82.40	82.30	82.00	82.45

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

DATE	01/28	01/31	02/01	02/02	02/03
JAN 22	1.97	1.97	1.97		
FEB 22	1.87	1.87	1.87	1.87	1.87
MAR 22	1.96	1.98	1.98	1.98	1.97

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

**INTERNATIONAL DAIRY MARKET NEWS - EUROPE**

Information gathered January 24 - February 4, 2022

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**

Seasonal milk output increases in the largest dairy producing country in Europe, Germany, are inching up slowly. The persistently stifled milk production from dairy farms reflects various underlying factors. Dairy cow numbers continue to decline, according to German sources. No single factor seems to be driving this reduction. Slaughter cow prices firmed last year, which motivated some herd reductions. Also pushing this outcome was higher farm operating costs chipping away at net dairy farm earnings. Costs include feed, diesel fuel, fertilizer, energy, as well as environmental and social costs, such as environmental and animal welfare factors. Not all of the other dairy countries in Western Europe exactly parallel the German experience. Yet the cost squeeze and incentive to reduce herd size also exists elsewhere.

Looking ahead in 2022, the current market factors in play are expected to continue. Subdued milk production increases are the best outcome now expected. Demand for dairy products is expected to be robust. Some manufacturers believe that contracting further ahead will gain favor as buyers strive to be assured of getting supplied.

Cheese demand remains brisk. Demand is coming from retail stores, food manufacturing, and export customers. Each side of the demand triangle is expected to remain actively seeking cheese. By now it almost goes without saying that Western Europe has more cheese making capacity than is being used. Cheese output is limited by milk availability, not by plant capacity.

**EASTERN EUROPE**

Current conditions in Ukraine and surrounding countries has led to increased discussion about where or if dairy factors may be affected, if at all. In the larger context of all of Europe, Western Europe plays a relatively minor role. But within Eastern Europe, there is substantial cross border dairy trade. Ukraine is a net exporter of SMP and a net importer of cheese. Belarus, a neighboring country, is a net exporter of a number of dairy products, with Russia often a top importer. Ukraine imports butter and cheese from Belarus.

**BUTTER/BUTTEROIL**

The Western European butter price range is steady to higher. The butteroil price range is higher. Calmer butter prices are attributed to January butter sales being consistent with normal expectations. Markets like realized expectations. Thus, as the expectations had been priced in, steady lower range pricing and moderately changed upper range prices resulted. Contracted retail orders for packaged butter were readily accommodated. It was last minute purchases that pushed the upper range price higher. Sellers were able to extract a price premium for those last-minute sales.

Bulk butter buyers exercised caution. Current prices are leading to some pacing of purchases, hoping for softening bulk butter pricing. Few bulk butter buyers are currently squeezed to stock up right away, so caution is possible. More attention is being focused on Q2 2022 contracting than spot sales. In that sense, many buyers have warmed to getting further ahead in contracting because it allows for less anxiety in seeking out supplies. This seems to work in a market where generally steady pricing seems likely to be the expected outcome.

Western Europe, 82% Butterfat, Free on Board - Port Butter  
Price Range - \$/MT: 6,500 - 7,150

Western Europe, 99% Butterfat, Free on Board - Port Butteroil  
Price Range - \$/MT: 6,500 - 8,800

**SKIM MILK POWDER**

The Western European skim milk powder price range increased at each end. Supply continues to be tight and is expected to remain tight. Subdued milk output is expected during much of 2022, which will leave less milk going to dryers. Most scheduled Q1 SMP production in Western Europe has been sold. Q2 is getting there as well. Demand is global and local. EU customers are lining up supplies. Buyers from abroad are also ready to deal. With European and Oceania SMP pricing very close, global buyers are driven primarily by availability and logistics, not price. Continuing price strength is expected.

Prices for: Europe, All First Sales, Free on Board - Port, Conventional, and Edible Skim Milk Powder  
Price Range - 1.25% Butterfat; \$/MT: 3,925 - 4,150

**WHEY**

In Western Europe the whey powder price range moved higher. The market is very strong. Low availability of food grade whey, as well as animal feed whey, is noted. Persistent tightness has prevailed recently. Buyer inquiries are called livelier as 2022 rolls along. The general upward tenancy of other manufactured dairy product prices is also cited as helping to support whey price tendencies. Continuing supply tightness and strong demand are expected in Western European whey powder markets in coming weeks.

Prices for: Western Europe, All First Sales, Free on Board - Port, Conventional, and Edible Dry Whey  
Price Range - Non-Hygroscopic; \$/MT: 1,400 - 1,525

**WHOLE MILK POWDER**

Western European whole milk powder pricing pushed higher at each end of the price range. On a product generally considered to be in the second tier in Western Europe, manufacturers are stunned at how far pricing is over Oceania, which leads in global WMP production. Buyers are ready to close deals for the near term as well as later dates – whatever they can lock down. WMP tends to be a lower use priority for Western European milk. This is likely to keep stocks very tight through 2022.

**CONTINUED ON PAGE 8A**

## INTERNATIONAL DAIRY MARKET NEWS - EUROPE

Information gathered January 24 - February 4, 2022

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

## CONTINUED FROM PAGE 8

Manufacturers are firmly enforcing higher pricing as a condition to close deals. That is the reality buyers will face rolling ahead. For most EU WMP buyers, the theoretical alternative of getting Oceania WMP to Europe is easier thought about than accomplished. This will contribute to maintaining current Western European WMP market dynamics.

Prices for: Europe, All First Sales, Free on Board - Port, Conventional, and Edible Whole Milk Powder  
Price Range - 26% Butterfat; \$/MT: 4,975 - 5,300

## Secondary Sourced Information:

Ukraine is a net exporter of SMP January – November 2021. During that period, total SMP exports, 12,000 MT, decreased 20.5 percent from January- November 2020 according to CLAL data made available to USDA. Top destinations, volumes, and percent change from January – November 2020 to January – November 2021 are: Bangladesh, 1,675 MT, -22.09 percent; Georgia, 719 MT, -63.9 percent; and Armenia, 571 MT, -42.77 MT.

Ukraine is a net importer of cheese January – November 2021. During that period, total cheese imports, 49,000 MT, increased 16.7 percent from January- November 2020 according to CLAL data made available to USDA. Top source countries, volumes, and percent change from January – November 2020 to January – November 2021 are: Poland, 20,190 MT, -2.06 percent; Germany, 10,840 MT, +30.57 percent; and Netherlands, 4,516 MT, +44.76 MT.

Belarus is a top dairy exporter among Eastern European countries. January – November 2021 compared with January – November 2020, total dairy exports and percent changes according to CLAL data made available to USDA for some primary dairy products are: butter, 80,000 MT, +3.2 percent; cheese, 272,000 MT, +9.4 percent; SMP, 111,000 MT, -3.3 percent; WMP, 35,000 MT, +39.5 percent; and whey, 131,000 MT, +1.9 percent. Top destinations for butter are: Russia, 71,955 MT, +0.87 percent; Ukraine, 4,371 MT, +74.37 percent; and Azerbaijan, 1,591 MT, -7.42 percent. For cheese top destinations are: Russia, 254,846 MT, +8.7 percent; Kazakhstan, 6,796 MT, +17.5 percent; and Ukraine, 6,787 MT, +36.39 percent. Top SMP destinations are Russia, 48,929 MT, +10.83 percent; China, 20,003 MT, +2.15 percent; and Kazakhstan, 12,583 MT, -31.83 percent. Top WMP destinations are: Russia, 25,548 MT, +18.94 percent; China, 5,239 MT; and Kazakhstan, 1,076 MT, -11.18 percent.

## INTERNATIONAL DAIRY MARKET NEWS - OCEANIA

Information gathered January 24 - February 4, 2022

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

## OCEANIA DAIRY MARKET OVERVIEW

**AUSTRALIA:** Brushfire warnings in Western Australia are generating some concern. This contrasts with recent monsoon activity which brought flooding to other areas. Extremely heavy rain from cyclone Tiffany, which caused flooding, left parts of Western Australia, South Australia and Northern Territory road and rail lines cut off. Some harvest activity has been disrupted. Ground conditions in some areas have delayed or negated silage-making.

Even so, profitability is reported to be improving by some dairy producers. Increased dairy sales in Australia as COVID factors recede have been welcome. Food service and restaurant sales are now improving.

**NEW ZEALAND:** The continuing strength in New Zealand WMP prices has resulted in some increases in seasonal milk price forecasts. A large New Zealand coop increased the forecast \$0.50 to \$8.70 - \$9.50/kgMS. Another New Zealand dairy organization shifted higher to \$9.16-\$9.42/kgMS. Either way, increasingly more economists are speaking about the potential for end of season milk prices setting a record if global milk supplies continue to tighten.

Seasonal milk production continues to struggle in comparisons with recent production. On the other hand, this has helped boost dairy product prices higher.

## BUTTER/BUTTEROIL

Prices comprising the Oceania butter price range increased. New Zealand sources observe that Oceania butter prices are the highest in some time. Buyers are observed to be ready to close deals. Bargaining seems closer to posturing than genuinely pausing and pushing back. A factor in play is that Western European butter prices are higher yet. This removes a sometimes-used bargaining ploy.

Increased buying interest from the Middle East and Southeast Asia helped strengthen demand. Strong buying from North Asia continued. African buyers also stepped up recently. Many have a history of preferring to source butter in Oceania. All of this portends well for continuing butter price strength.

Oceania, 82% Butterfat, Free on Board - Port Butter  
Price Range - \$/MT: 6,150 - 6,400

## SKIM MILK POWDER

The Oceania skim milk powder price range moved higher, but less forcefully than WMP. Pricing overlaps much of the Western European SMP price range. Oceania is higher at the low end but lower at the top. SMP markets are tight. Regular buyers of Oceania SMP are likely to try to stay there because getting deals in Western Europe as a new customer is not promising. Then there is shipping to consider.

Buyers are said to be accepting pricing and locking in SMP regularly. The strongest buying activity recently has come from North and Southeast Asian buyers.

Prices for: Oceania, All First Sales, Free on Board - Port, Conventional, and Edible Skim Milk Powder  
Price Range - 1.25% Butterfat; \$/MT: 3,950 - 4,100

## CHEESE

The Oceania Cheddar price range pulled back. North and Southeast Asian buyers in the market remained pretty active. A change was the tepid interest from Africa after being active in recent weeks. That left more breathing room overall in seeking out cheddar, even if some buyers were still very busy. Decent demand is expected going forward, with uncertainty surrounding when African buyers might reappear in force.

Some buyers have been said to note that while the current GDT All Contracts price for cheddar is \$2.5782, that is higher than recent CME 40 pound block pricing, which on February 2 closed at \$1.8800. This is viewed as a possible factor, going forward, and depending on shipping and logistics, for buyers to possibly turn to U.S.-based cheese sources.

Prices for: Oceania Cheese, Cheddar, 39% Maximum Moisture, Free on Board - Port,  
Price Range - \$/MT: 5,400 - 5,725

## WHOLE MILK POWDER

The Oceania whole milk powder price range strengthened. Some dairy analysts have called the price increase massive. There seems to be good buyer support for pricing because current levels are sustained for coming months as contracts are finalized.

Tight supplies are a big factor driving WMP prices. Two components underlie the tightness, including, of course, lower than hoped for milk production. Additionally, export demand is quite persistent. It is noted that North and Southern Asian buyers seem motivated to close sales, with little price pull back. This is expected to continue. The feeling is that WMP pricing may well continue to increase in coming weeks. Because WMP prices are a big factor in New Zealand milk pay prices, dairy producers are hopeful for continuing increases in seasonal price forecasts.

Prices for: Oceania, All First Sales, Free on Board - Port, Conventional, and Edible Whole Milk Powder  
Price Range - 26% Butterfat; \$/MT: 4,100 - 4,325

CONTINUED ON PAGE 8C

## INTERNATIONAL DAIRY MARKET NEWS - OCEANIA

Information gathered January 24 - February 4, 2022

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

## CONTINUED FROM PAGE 8B

**Exchange rates for selected foreign currencies:  
January 31, 2022**

.0095 Argentina Peso	.0134 India Rupee
.7070 Australian Dollar	.0087 Japan yen
.1885 Brazil Real	.0485 Mexican Peso
.7869 Canadian Dollar	.6577 New Zealand Dollar
.0012 Chile Peso	.2451 Poland Zloty
1.1235 Euro	.0228 Uruguay Peso

Conversion example: To compare the value of 1 US Dollar to Mexican Pesos:  $(1/.0485) = 20.6186$  Mexican Pesos. Source: "Wall Street Journal"

## Secondary Sourced Information:

December 2021 milk production in New Zealand declined from December 2020 5.5 percent on a milk solids basis, and 5.0 percent on a tonnage basis according to DCANZ and NZX.

Seasonal milk production in New Zealand on a tonnage basis June - December 2021 decreased 3.35 percent from June - December 2020 according to DCANZ and CLAL. Seasonal milk solids production in New Zealand on a kg basis June - December 2021 decreased 3.16 percent from June - December 2020 but increased 2.7 percent from June - December 2019.

Annual milk production in New Zealand on a tonnage basis January - December 2021 increased 0.1 percent from January - December 2020 according to DCANZ and CLAL. Annual milk solids production in New Zealand on a kg basis January - December 2021 increased 0.4 percent from January - December 2020.

At GDT event 301, on February 1, 2022, the butter all contracts price, \$6,359, increased 3.3 percent. The March contract, \$6,405, increased 3.5 percent.

At GDT event 301, on February 1, 2022, the SMP all contracts price, \$4,051, increased 2.1 percent. The March contract, \$4,027, increased 0.3 percent.

At GDT event 301, on February 1, 2022, the cheddar all contracts price, \$5,684, increased 2.4 percent. The March contract, \$5,710, decreased 0.4 percent.

At GDT event 301, on February 1, 2022, the WMP all contracts price, \$4,324, increased 5.8 percent. The March contract, \$4,311, increased 5.9 percent.

## INTERNATIONAL DAIRY MARKET NEWS - SOUTH AMERICA

Information gathered January 24 - February 4, 2022

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

## SOUTH AMERICA OVERVIEW

The near term outlook for milk production in Latin America is far from assured. The dryness associated with La Nina patterns is beginning to raise more concerns across the continent. Dairy farmers' yields have yet to be noticeably affected due to the dry, hot summer conditions. However, corn and bean production forecasts are increasingly bearish, which will increase pressure on U.S. farmers, and likely add to already increasing operational costs at the farm level for South American dairy farmers, where feedstuff and fertilizer prices have continually moved higher in recent years. Reports covering 2021 dairy powder exports were generally underwhelming from Argentinian and Uruguayan market reports, while Brazil's import figures also remained bearish. That said, Algeria continues to remain a strong importer from both Argentina and Uruguay.

## Secondary Sourced Information:

At the GDT event 301, skim milk powder prices across all contracts averaged \$4,051, an increase of 2.1 percent from the previous event.

At the GDT event 301, whole milk powder prices across all contract periods averaged \$4,324 per metric ton, up 5.8 percent from the previous event.

## SKIM MILK POWDER

Prices rose slightly on the top end of the range for skim milk powder (SMP). Contacts say South American SMP values, although slowly increasing, are still lagging global price points due to a number of factors from trading agreements, economic seesawing, and shipping hurdles. These factors are also keeping stocks in storage. Late 2021 reports of SMP exports from Uruguay were up year-over-year, but down from the previous month. Brazilian importing figures also remain in the red. Still, some areas relay domestic demand is keeping SMP and other dairy powders tied up at least through March 2022. Near term market tones remain in question.

Prices for: South America, All First Sales, Free on Board - Port, Conventional, and Edible Skim Milk Powder  
Price Range - 1.25% Butterfat; \$/MT: 3,250 - 3,650

## WHOLE MILK POWDER

Whole milk powder (WMP) pricing ticked higher on global demand. Late 2021 reports for exports from Argentina were somewhat bullish when compared with most of the past year, as a majority of their WMP moved into Algeria. Brazilian imports continue to underwhelm, due to a growing amount of logistical and economic factors in the country. Uruguay's export reports from the end of 2021 remained lackluster regarding volume amounts, but higher price points aided in financial comparisons to previous years. Moving forward into Q1 and the rest of 2022, WMP market tones are uncertain as logistical and economic hardships continue to materialize, despite strength in global demand.

Prices for: South America, All First Sales, Free on Board - Port, Conventional, and Edible Whole Milk Powder  
Price Range - 26% Butterfat; \$/MT: 3,650 - 3,750

2022 U.S. MONTHLY PRICE AVERAGES (US \$/LB)	
AREA and PRODUCT	: JAN
CME GROUP <sup>1</sup>	
BUTTER - DAILY TRADING	
GRADE AA	2.7203
CHEESE - DAILY TRADING	
BARRELS	1.8204
40 POUND BLOCKS	1.9065
NONFAT DRY MILK - DAILY TRADING	
GRADE A	1.7640
DRY WHEY - DAILY TRADING	
EXTRA GRADE	0.7855
DAIRY MARKET NEWS <sup>2</sup>	
CHEESE	
WISCONSIN	
PROCESS AMERICAN 5 POUND LOAF	2.0743
BRICK AND/OR MUENSTER 5 POUNDS	2.5224
CHEDDAR 40 POUND BLOCK	2.2324
MONTEREY JACK 10 POUNDS	2.3874
BLUE 5 POUNDS	3.1136
MOZZARELLA 5-6 POUNDS	2.5824
SWISS 6-9 POUND CUTS	2.9925
NORTHEAST	
CHEDDAR 40 POUND BLOCK	2.5386
PROCESS AMERICAN 5 POUND SLICED	2.1493
MUENSTER	2.5574
SWISS 10-14 POUND CUTS	4.5800
WEST	
PROCESS AMERICAN 5 POUND LOAF	2.0393
CHEDDAR 40 POUND BLOCK	2.2674
CHEDDAR 10 POUND CUTS	2.3699
MONTEREY JACK 10 POUNDS	2.3949
SWISS 6-9 POUND CUTS	3.4413
FLUID PRODUCTS	
CLASS II CREAM	
NORTHEASTERN - F.O.B.	3.3388
MIDWESTERN - F.O.B.	3.5290
CONDENSED SKIM - NORTHEASTERN - F.O.B.	
CLASS II	1.6095
CLASS III	1.3700

<sup>1</sup> Monthly averages are a simple average of all the closes during the month.

<sup>2</sup> Monthly averages are based on weekly prices and are time-weighted according to the number of workdays in the month - Saturdays, Sundays and National Holidays excluded.

## 2022 U.S. MONTHLY PRICE AVERAGES (US \$/LB)

AREA and PRODUCT	: JAN
DAIRY MARKET NEWS, CONTINUED <sup>2</sup>	
DRY PRODUCTS	
NONFAT DRY MILK	
EASTERN AND CENTRAL - LOW/MEDIUM HEAT	1.7430
--MOSTLY	1.7276
EASTERN AND CENTRAL - HIGH HEAT	1.8720
WESTERN - LOW/MEDIUM HEAT	1.7473
--MOSTLY	1.7090
WESTERN - HIGH HEAT	1.8909
DRY WHEY	
CENTRAL	0.7293
--MOSTLY	0.7245
WESTERN	0.7371
--MOSTLY	0.7459
NORTHEASTERN - EXTRA AND GRADE A	0.7078
WHEY PROTEIN CONCENTRATE 34%	
CENTRAL AND WESTERN	1.4508
--MOSTLY	1.4378
ANIMAL FEED	
CENTRAL - MILK REPLACER	0.5638
DRY BUTTERMILK	
EASTERN AND CENTRAL	1.5455
WESTERN	1.5148
--MOSTLY	1.4946
DRY WHOLE MILK	
NATIONAL	2.0500
LACTOSE	
CENTRAL AND WESTERN	0.4248
--MOSTLY	0.4050
CASEIN	
RENNET	4.9558
ACID	5.8073

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<sup>2</sup> Monthly averages are based on weekly prices and are time-weighted according to the number of workdays in the month - Saturdays, Sundays and National Holidays excluded.



2022 INTERNATIONAL MONTHLY PRICE AVERAGES (US \$/MT)

AREA and PRODUCT : JAN

DAIRY MARKET NEWS<sup>3</sup>

BUTTER (82% BUTTERFAT)

- OCEANIA 6067
- WESTERN EUROPE 6742

BUTTEROIL (99% BUTTERFAT)

- WESTERN EUROPE 7465

CHEDDAR CHEESE (39% MAXIMUM MOISTURE)

- OCEANIA 5580

SKIM MILK POWDER (1.25% BUTTERFAT)

- OCEANIA 3930
- SOUTH AMERICA 3367
- WESTERN EUROPE 3951

WHEY POWDER (NONHYGROSCOPIC)

- WESTERN EUROPE 1409

WHOLE MILK POWDER (26% BUTTERFAT)

- OCEANIA 4052
- SOUTH AMERICA 3664
- WESTERN EUROPE 4950

<sup>3</sup> Monthly averages are based on weekly prices and are time-weighted according to the number of workdays in the month - Saturdays, Sundays excluded.

## December Agricultural Prices Highlights

The All Milk price received by farmers was \$21.80 in December, up \$3.50 from December 2020. The alfalfa hay price was \$213.00 in December, up \$47.00 from December 2020. The corn price was \$5.47 in December, up \$1.50 from December 2020. The soybean price was \$12.50 in December, up \$1.90 from December 2020. The milk-feed price ratio was 1.98 in December, down 0.19 from December 2020.

The index of prices received by farmers for dairy products during the month of December 2021 was up 5 to 108.5. Compared to December 2020, the index was up 17.5 points (19.2 percent). The index of prices paid by farmers for commodities and services, interest, taxes, and wage rates in December 2021 was up 1.3 points to 120.7. Compared with December 2020, the index was up 10.5 points (9.5 percent).

### Selected Milk Prices, Milk Cows, and Feed Prices, Selected States and U.S., December 2021 with Comparisons

State	All-Milk price <sup>1,2</sup>		Alfalfa hay, baled		Corn for Grain		Soybeans	
	December		December		December		December	
	2020	2021	2020	2021	2020	2021	2020	2021
	<i>(dollars per cwt)</i>		<i>(dollars per ton)</i>		<i>(dollars per bushel)</i>		<i>(dollars per bushel)</i>	
AZ	16.90	20.90	180.00	225.00	---	---	---	---
CA	18.10	22.20	185.00	215.00	---	---	---	---
CO	19.00	21.80	205.00	215.00	4.16	5.55	---	---
GA	22.50	23.40	---	---	---	---	---	---
ID	17.70	21.90	165.00	225.00	---	---	---	---
IN	19.20	21.70	---	---	4.06	5.58	10.80	12.70
IA	18.30	21.50	122.00	172.00	4.05	5.54	10.90	12.50
MI	17.80	20.70	190.00	200.00	4.08	5.36	11.30	12.50
MN	18.70	21.70	134.00	190.00	3.73	5.22	10.40	12.50
NM	16.30	19.90	225.00	230.00	---	---	---	---
NY	18.30	22.00	200.00	225.00	---	---	---	---
OH	19.90	21.80	200.00	200.00	4.11	5.41	11.30	12.70
PA	18.80	22.30	265.00	252.00	4.88	5.93	---	---
TX	18.00	21.80	214.00	201.00	4.58	6.13	---	---
WA	17.80	22.30	180.00	240.00	---	---	---	---
WI	18.10	21.60	178.00	171.00	3.80	5.33	11.10	12.40
U.S.	18.30	21.80	166.00	213.00	3.97	5.47	10.60	12.50

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

(D) Withheld to avoid disclosing data for individual operations

(S) Insufficient number of reports to establish an estimate.

### Milk-Feed Price Ratio, Selected States and U.S., December 2021 with Comparisons

Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk <sup>1</sup>

State <sup>2</sup>	December 2020	November 2021	December 2021
IA	2.51	1.94	2.12
MI	1.90	1.91	1.93
MN	2.36	1.87	1.97
OH	2.13	2.01	2.03
WI	2.07	2.16	2.23
U.S.	2.17	1.94	1.98

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

### General Price Measures, U.S., December 2021 with Comparisons

Item	December 2020	November 2021	December 2021
<b>Index Numbers (1990-92=100):</b>			
Prices received by farmers for dairy production	91.0	103.5	108.5
Prices paid by farmers for commodities and services, interest taxes, and wage rates	110.2	119.4	120.7

Source: U.S. Department of Agriculture. National Agricultural Statistics Service. Agricultural Statistics Board. *Agricultural Prices, January 2022.*

## REVISED Measures of Growth in Federal Milk Marketing Orders, 1950-2020

**2020 Highlights:** Total Receipts of milk pooled under Federal Milk Marketing Orders totaled 137.8 billion pounds marketed by 24,906 dairy producers across all Federal orders in 2020. Total receipts were 11.9 percent lower than 2019. Pooled producer numbers were 15.5 percent lower than 2019. The average daily delivery of producer milk per pooled producer was 4.1 percent higher compared to 2019. In 2020, milk marketed through Federal orders accounted for 63 percent of all milk sold and 62 percent of fluid grade milk sold to U.S. plants and milk dealers.

Year	Number of Markets <sup>1</sup>	Number of Pool Handlers <sup>1</sup>	Number of Pooled Producers <sup>2</sup>	Population of Federal Milk Marketing Areas <sup>3</sup>	Total Receipts of Producer Milk <sup>4</sup>	Producer Milk Used as Class I	Percent of Producer Milk Used as Class I <sup>5</sup>
	<i>(number)</i>			<i>(thousands)</i>	<i>(million pounds)</i>		<i>(percent)</i>
1950	39	1,101	156,584	NA	18,660	11,000	58.9
1955	63	1,483	188,611	46,963	28,948	18,032	62.3
1960	80	2,259	189,816	88,818	44,812	28,758	64.2
1965	73	1,891	158,077	102,351	54,444	34,561	63.5
1970	62	1,588	143,411	125,721	65,104	40,063	61.5
1975	56	1,315	123,855	150,666	69,249	40,106	57.9
1980	47	1,091	117,490	164,908	83,998	41,034	48.9
1985	44	884	116,765	176,440	97,762	42,201	43.2
1990	42	753	100,397	195,841	102,396	43,783	42.8
1995	33	571	88,717	207,548	108,548	45,044	41.5
2000	11	346	*69,585	228,899	*116,923	45,989	39.3
2005	10	302	*53,032	238,428	114,682	44,570	38.9
2010	10	251	45,918	*284,480	126,909	44,970	35.4
2011	10	241	*43,650	*286,600	126,879	44,383	35.0
2012	10	237	*40,745	*288,732	122,388	43,492	35.5
2013	10	225	*40,043	*290,752	132,100	42,742	32.4
2014	10	223	*39,146	*292,825	129,420	41,420	32.0
2015	10	214	*36,112	*295,130	126,126	41,206	32.7
2016	10	216	*34,689	*297,291	133,846	41,140	30.7
2017	10	217	*32,981	*299,172	135,502	40,642	30.0
2018 <sup>10</sup>	11	233	32,061	*300,717	141,684	40,945	28.9
2019 <sup>10</sup>	11	230	*29,468	*302,048	156,510	43,882	28.0
2020	11	228	24,906	*303,063	137,818	43,766	31.8

See footnotes on next page.

## Measures of Growth in Federal Milk Marketing Orders, 1950-2020--cont'd

Year	Percentage of All Milk Sold <sup>6</sup>		Milk Price at 3.5% Butterfat Content <sup>7</sup>		Average Daily Delivery Per Producer <sup>8</sup>	Gross Value of Producer Milk <sup>9</sup>	
	Fluid Grade	All Milk	Class I	Blend		Per Pooled Producer	All Pooled Producers
	<i>(percent)</i>		<i>(\$/cwt)</i>		<i>(pounds)</i>	<i>(dollars)</i>	<i>(thousands)</i>
1950	41	25	4.51	3.93	326	4,914	769,442
1955	51	32	4.67	4.08	420	6,510	1,227,815
1960	64	43	4.88	4.47	648	10,482	1,989,615
1965	70	48	4.93	4.31	944	15,300	2,418,526
1970	79	59	6.74	5.95	1,244	27,636	3,963,311
1975	78	63	9.36	8.64	1,532	49,233	6,097,768
1980	80	67	13.77	12.86	1,954	93,685	11,007,001
1985	80	70	13.88	12.61	2,294	107,871	12,595,522
1990	77	70	15.55	13.78	2,796	142,324	14,289,567
1995	75	71	14.19	12.79	3,350	157,754	13,995,454
2000	72	70	14.24	12.11	*4,604	207,913	14,468,892
2005	66	65	17.13	15.07	5,904	334,626	17,747,577
2010	67	66	18.25	16.07	7,572	444,038	20,389,201
2011	66	65	21.97	19.87	*7,965	577,538	25,211,996
2012	62	61	20.39	18.05	*8,209	542,121	22,091,337
2013	67	66	21.80	19.44	*9,039	641,295	25,682,588
2014	63	63	26.14	23.54	*9,074	793,728	30,472,016
2015	61	61	19.21	16.70	9,559	583,173	21,063,042
2016	64	*63	17.70	15.38	*10,557	593,364	20,585,571
2017	64	63	19.31	16.96	*11,244	696,651	22,981,139
2018 <sup>10</sup>	66	65	17.70	15.51	*12,449	685,389	21,974,258
2019	73	72	19.74	17.35	*14,513	*921,492	27,154,539
2020	63	62	19.70	16.12	15,102	892,007	22,216,324

\* Revised. NA - Data not available. <sup>1</sup> The number of Federal order markets and the number of handlers is at year end. <sup>2</sup> The annual number of pooled producers is the simple average number of producers pooled each month during that year. <sup>3</sup> The population of Federal milk marketing areas is obtained from published U.S. Census Annual Estimates of the Resident Population for Counties in U.S. Census years (1950, 1960, 1970, 1980, 1990, 2000, and 2010). Annual Federal order county populations are estimated by the Census Bureau for Federal order counties for the years between each U.S. Census. <sup>4</sup> The receipts of producer milk and producer milk used in Class I reflects millions of pounds. Beginning in 1990, due to disadvantageous price situations in some markets, regulated handlers elected not to pool milk that normally would have been associated with the order. This has reduced, sometimes substantially, the volume of producer milk receipts reported for some markets. This can also significantly affect the comparability of other "Measures of Growth" based on this statistic. <sup>5</sup> The percent used as Class I is the percentage of all milk pooled that is used to produce Class I fluid products as defined by the Code of Federal Regulation (CFR 1000.15). <sup>6</sup> The percentage of all milk sold is the amount of producer milk pooled on Federal orders as a percentage of the total amount of milk sold to U.S. plants and dealers, both as fluid grade (Grade A) and all milk sold. The amount of milk sold to U.S. plants and dealers is obtained from the USDA National Agricultural Statistics Service Milk Production, Disposition, and Income, 2019 Summary, ISSN: 1949-1506, issued April 2020. <sup>7</sup> The milk price at 3.5% butterfat content is the weighted average Federal order minimum regulated milk price for milk at a standardized 3.5% butterfat content. Milk prices are simple averages for 1950-65 and weighted averages for 1970 to date. Milk prices are based on the blend (uniform) price adjusted for the butterfat content, and starting in 1990, other milk components of producer milk. <sup>8</sup> The average daily delivery of milk per producer is calculated by dividing producer receipts by the number of producers pooled. <sup>9</sup> The annual gross value of receipts of producer milk per producer is calculated by dividing the total value of all pooled milk as reported by the Market Administrators divided by the simple average of the number of producers pooled each month during the year. The annual gross value of all receipts of producer milk is the total value of all milk pooled for each respective year as reported by the Market Administrators. <sup>10</sup> 2018 includes November and December data from the California Federal Milk Marketing Order which became effective November 1, 2018.

## January 1 Milk Cow Inventory Summary

The number of milk cows in the United States as of January 1, 2022, totaled 9.38 million head, were down 1 percent from the previous year. Milk cow replacement heifers totaled 4.45 million head, down 3.4 percent from the previous year. The percentage of milk cow replacement heifers per 1,000 milk cows on January 1, 2022, was 47.5, down 1.3 percent from the previous year. Milk cow replacement heifers expected to calve during the year totaled 28.4 million head, down 3 percent from the previous year.

State	Milk cows that have calved		Heifers for milk cow replacement		State	Milk cows that have calved		Heifers for milk cow replacement	
	2021	2022	2021	2022		2021	2022	2021	2022
	<i>(1,000 head)</i>					<i>(1,000 head)</i>			
AL	3.0	3.0	2.0	2.0	NE	60.0	58.0	30.0	30.0
AK	0.2	0.2	0.1	0.1	NV	30.0	31.0	10.0	9.0
AZ	198.0	194.0	120.0	120.0	NH	11.0	10.5	6.0	6.0
AR	5.0	5.0	3.0	3.0	NJ	4.4	4.2	2.9	2.8
CA	1,720.0	1,720.0	750.0	760.0	NM	337.0	292.0	130.0	125.0
CO	201.0	202.0	120.0	115.0	NY	625.0	620.0	340.0	330.0
CT	19.0	18.5	9.0	9.5	NC	40.0	39.0	15.0	14.0
DE	3.7	2.8	1.5	1.2	ND	15.0	15.0	10.0	8.0
FL	111.0	105.0	30.0	30.0	OH	258.0	248.0	125.0	120.0
GA	81.0	83.0	30.0	25.0	OK	41.0	39.0	20.0	20.0
HI	0.6	0.8	1.0	1.0	OR	125.0	125.0	60.0	55.0
ID	646.0	652.0	370.0	350.0	PA	475.0	470.0	220.0	195.0
IL	84.0	81.0	45.0	41.0	RI	0.5	0.5	0.5	0.5
IN	191.0	186.0	77.0	60.0	SC	10.0	9.0	6.0	5.0
IA	220.0	225.0	125.0	120.0	SD	141.0	170.0	50.0	40.0
KS	173.0	168.0	150.0	170.0	TN	30.0	27.0	25.0	20.0
KY	47.0	44.0	40.0	35.0	TX	615.0	625.0	310.0	240.0
LA	10.0	9.0	3.0	3.0	UT	95.0	94.0	55.0	55.0
ME	27.0	26.0	13.0	13.0	VT	120.0	120.0	53.0	52.0
MD	43.0	41.0	23.5	26.0	VA	75.0	71.0	36.0	35.0
MA	10.0	9.5	6.0	5.5	WA	279.0	261.0	115.0	130.0
MI	440.0	434.0	160.0	152.0	WV	5.0	5.0	2.0	2.0
MN	455.0	460.0	200.0	210.0	WI	1260.0	1275.0	660.0	660.0
MS	8.0	7.0	5.0	5.0	WY	8.0	9.0	4.0	5.0
MO	75.0	69.0	35.0	30.0					
MT	11.0	11.0	4.0	4.0	U.S.	9442.4	9375.0	4608.5	4450.6

**Source:** U.S. Department of Agriculture. National Agricultural Statistics Service. Agricultural Statistics Board. *Cattle* (January 2022).

## Final Class Prices by Order, January 2022

### January 2022 Highlights

**Class Prices:** The following are the January 2022 class prices under the Federal milk order pricing system and changes from the previous month: Class II: \$22.83 (\$+2.99), Class III: \$20.38 (\$+2.02), and Class IV: \$23.09 (\$+3.21).

**Component Price Information:** Under the Federal milk order pricing system, the butterfat price for January 2022 is \$2.9567 per pound. Thus, the Class II butterfat price is \$2.9637 per pound. The protein and other solids prices for January 2022 are \$2.3563 and \$0.5249 per pound, respectively. These component prices set the Class III skim milk price at \$10.40 per cwt. The January 2022 Class IV skim milk price is \$13.20, which is derived from the nonfat solids price of \$1.4662 per pound.

**Product Price Averages:** The product price averages for January 2022 are: butter \$2.6130, nonfat dry milk \$1.6488, cheese \$1.8978, and dry whey \$0.7087.

## Final Class Prices by Order for January 2022

**Federal Milk Order Minimum Class Prices for Milk of 3.5 Percent Butterfat**<sup>1, 2</sup>

Federal Milk Order Marketing Area <sup>3</sup>	Order Number	Jan 2022				Feb 2022
		Class I	Class II	Class III	Class IV	Class I
<i>(dollars per cwt)</i>						
Northeast (Boston)	001	22.96	22.83	20.38	23.09	24.89
Appalachian (Charlotte)	005	23.11	22.83	20.38	23.09	25.04
Florida (Tampa)	006	25.11	22.83	20.38	23.09	27.04
Southeast (Atlanta)	007	23.51	22.83	20.38	23.09	25.44
Upper Midwest (Chicago)	030	21.51	22.83	20.38	23.09	23.44
Central (Kansas City)	032	21.71	22.83	20.38	23.09	23.64
Mideast (Cleveland)	033	21.71	22.83	20.38	23.09	23.64
California (Los Angeles)	051	21.81	22.83	20.38	23.09	23.74
Pacific Northwest (Seattle)	124	21.61	22.83	20.38	23.09	23.54
Southwest (Dallas)	126	22.71	22.83	20.38	23.09	24.64
Arizona (Phoenix)	131	22.06	22.83	20.38	23.09	23.99
All-Market Average		22.53	22.83	20.38	23.09	24.46

<sup>1</sup> To convert the Class I price per 100 pounds to the Class I price per gallon, divide by 11.63 - the approximate number of gallons in 100 pounds of milk. <sup>2</sup> The mandatory \$0.20 per cwt processor assessment under the Fluid Milk Promotion Order is not included in the Class I prices shown on this table. <sup>3</sup> Names in parentheses are the major city in the principal pricing point of the markets. Class I prices at other cities are: Northeast (Boston): New York City, minus \$0.10; Philadelphia, minus \$0.20; Baltimore, minus \$0.25, and Washington, DC, minus \$0.25; Appalachian (Charlotte): Knoxville, minus \$0.20; and Louisville, minus \$1.10; Florida (Tampa): Orlando, same; Miami, plus \$0.60; and Jacksonville, minus \$0.40; Southeast (Atlanta): New Orleans, same; Memphis, minus \$0.90; Nashville, minus \$0.90; and Springfield, MO, minus \$1.40; Upper Midwest (Chicago): Milwaukee, minus \$0.05; and Minneapolis, minus \$0.10; Central (Kansas City): Des Moines, minus \$0.20; Omaha, minus \$0.15; Oklahoma City, plus \$0.60; St. Louis, same; and Denver, plus \$0.55; Mideast (Cleveland): Indianapolis, same; Cincinnati, plus \$0.20; Pittsburgh, plus \$0.10; and Detroit, minus \$0.20; California (Los Angeles): San Francisco, minus \$0.30; Sacramento, minus \$0.40; Tulare, minus \$0.50. Pacific Northwest (Seattle): Portland, same; and Spokane, same; Southwest (Dallas): Houston, plus \$0.60; San Antonio, plus \$0.45; Albuquerque, minus \$0.65; and El Paso, minus \$0.75.

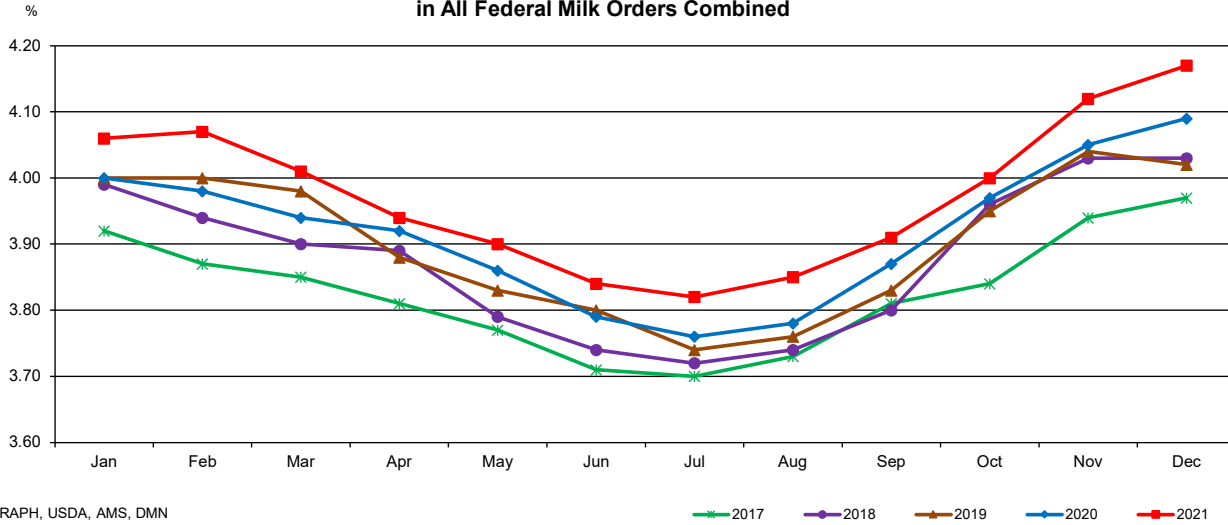
### U.S. Average Butterfat Test

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>2017</b>	3.92	3.87	3.85	3.81	3.77	3.71	3.70	3.73	3.81	3.84	3.94	3.97
<b>2018</b>	3.99	3.94	3.90	3.89	3.79	3.74	3.72	3.74	3.80	3.96	4.03	4.03
<b>2019</b>	4.00	4.00	3.98	3.88	3.83	3.80	3.74	3.76	3.83	3.95	4.04	4.02
<b>2020</b>	4.00	3.98	3.94	3.92	3.86	3.79	3.76	3.78	3.87	3.97	4.05	4.09
<b>2021</b>	4.06	4.07	4.01	3.94	3.90	3.84	3.82	3.85	3.91	4.00	4.12	4.17

DATA SOURCE: USDA,AMS, Dairy Programs, FMMO

FEDERAL MILK ORDERS INCLUDED ARE: 1, 5, 6, 7, 30, 32, 33, 51, 124, 126, 131

#### Average Butterfat Test of Producer Milk in All Federal Milk Orders Combined



GRAPH, USDA, AMS, DMN

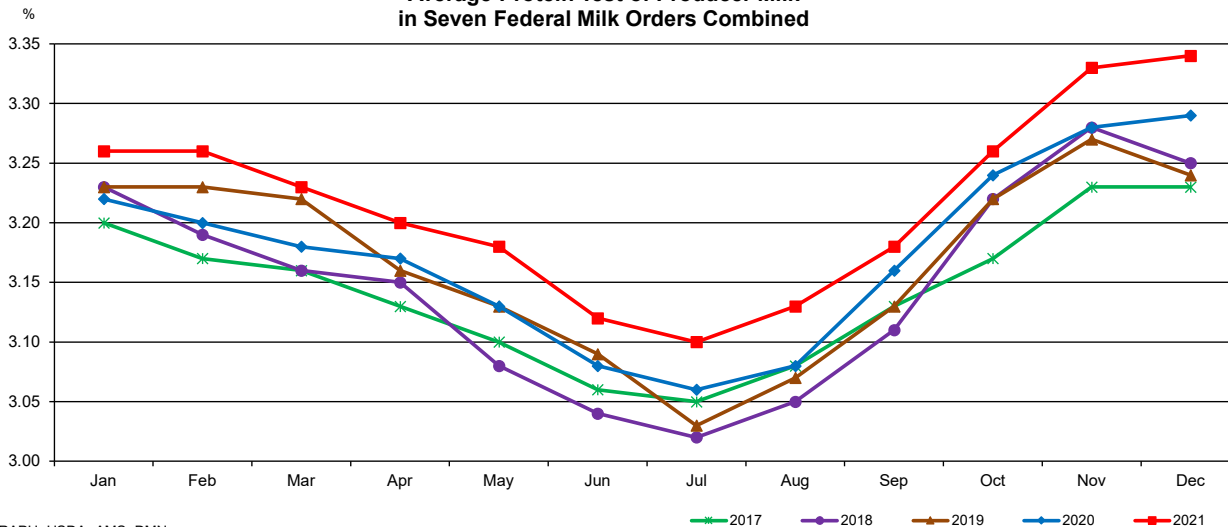
### U.S. Average Protein Test

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>2017</b>	3.20	3.17	3.16	3.13	3.10	3.06	3.05	3.08	3.13	3.17	3.23	3.23
<b>2018</b>	3.23	3.19	3.16	3.15	3.08	3.04	3.02	3.05	3.11	3.22	3.28	3.25
<b>2019</b>	3.23	3.23	3.22	3.16	3.13	3.09	3.03	3.07	3.13	3.22	3.27	3.24
<b>2020</b>	3.22	3.20	3.18	3.17	3.13	3.08	3.06	3.08	3.16	3.24	3.28	3.29
<b>2021</b>	3.26	3.26	3.23	3.20	3.18	3.12	3.10	3.13	3.18	3.26	3.33	3.34

DATA SOURCE: USDA,AMS, Dairy Programs, FMMO

FEDERAL MILK ORDERS INCLUDED ARE: 1, 30, 32, 33, 51, 124, 126

#### Average Protein Test of Producer Milk in Seven Federal Milk Orders Combined



GRAPH, USDA, AMS, DMN

### U.S. Milk-Feed Ratio

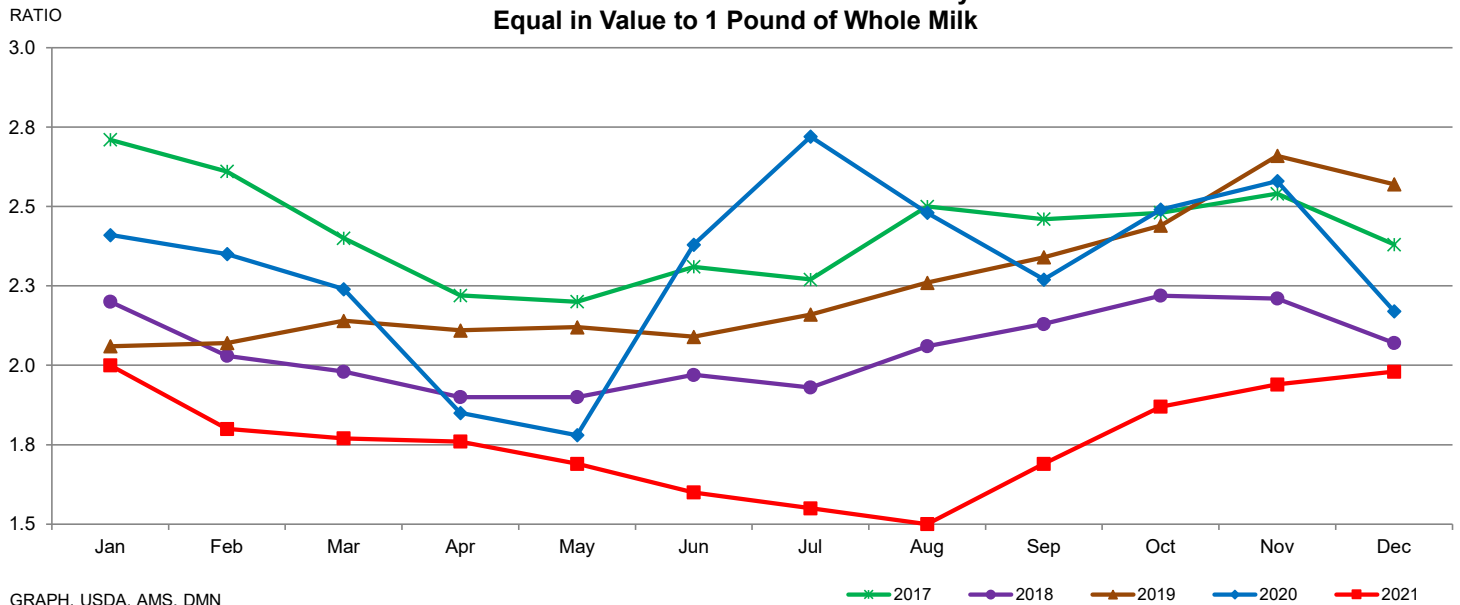
Pounds of 16% Mixed Dairy Feed Equal in Value to 1 Pound of Whole Milk

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>2017</b>	2.71	2.61	2.40	2.22	2.20	2.31	2.27	2.50	2.46	2.48	2.54	2.38
<b>2018</b>	2.20	2.03	1.98	1.90	1.90	1.97	1.93	2.06	2.13	2.22	2.21	2.07
<b>2019</b>	2.06	2.07	2.14	2.11	2.12	2.09	2.16	2.26	2.34	2.44	2.66	2.57
<b>2020</b>	2.41	2.35	2.24	1.85	1.78	2.38	2.72	2.48	2.27	2.49	2.58	2.17
<b>2021</b>	2.00	1.80	1.77	1.76	1.69	1.60	1.55	1.50	1.69	1.87	1.94	1.98

Data Source: USDA, NASS: Agricultural Prices Released 1/31/22

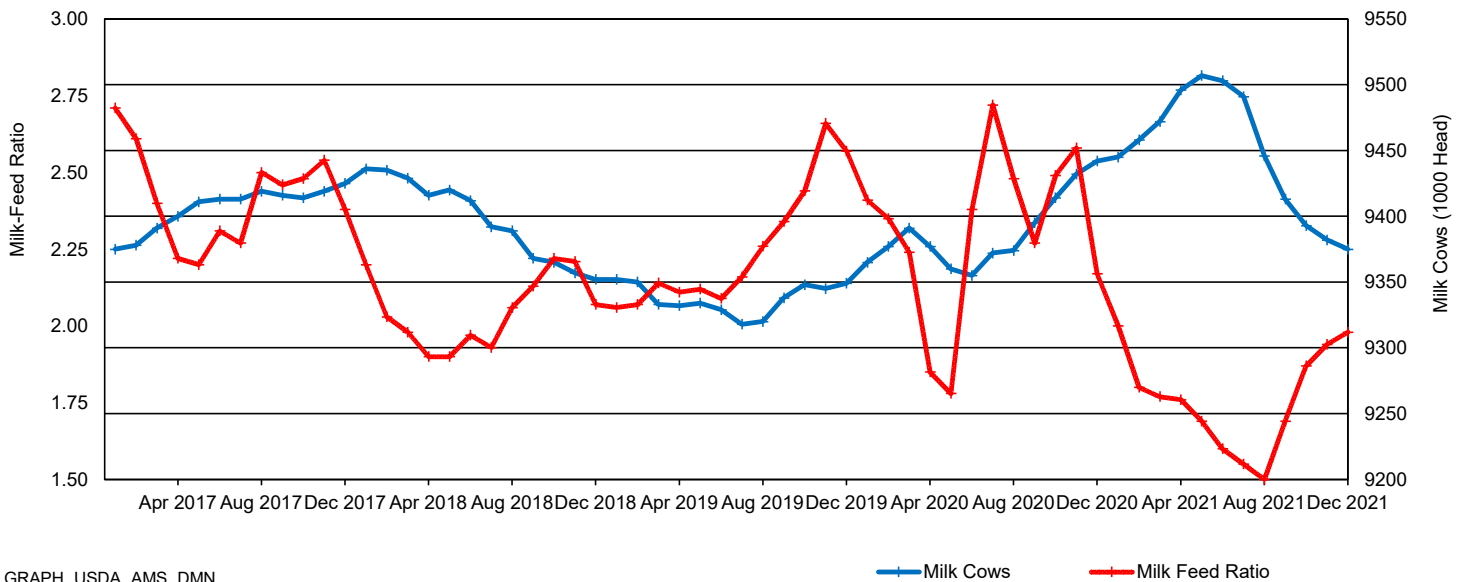
The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.

**Milk-Feed Ratio: Pounds of 16% Mixed Dairy Feed Equal in Value to 1 Pound of Whole Milk**



GRAPH, USDA, AMS, DMN

**Milk-Feed Ratio VS U.S. Estimate Milk Cows**



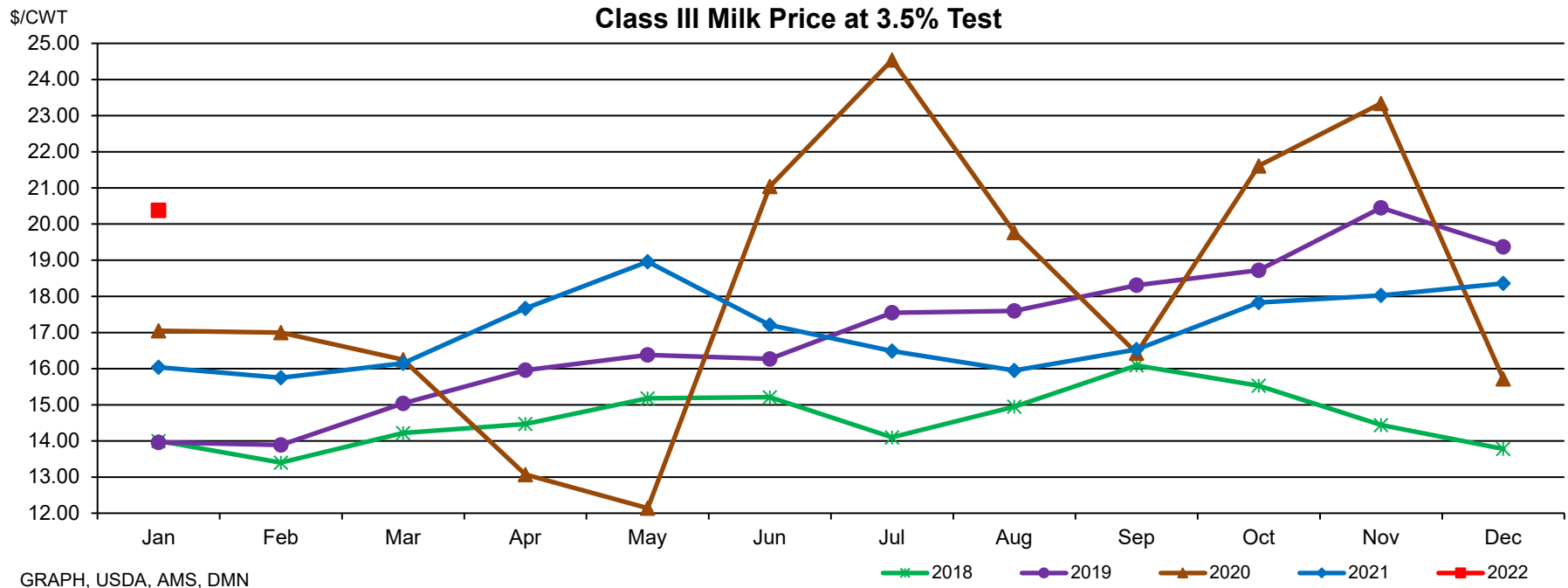
GRAPH, USDA, AMS, DMN



### U.S. Class III Milk Price at 3.5% Test (\$/cwt)

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>2018</b>	\$14.00	\$13.40	\$14.22	\$14.47	\$15.18	\$15.21	\$14.10	\$14.95	\$16.09	\$15.53	\$14.44	\$13.78
<b>2019</b>	\$13.96	\$13.89	\$15.04	\$15.96	\$16.38	\$16.27	\$17.55	\$17.60	\$18.31	\$18.72	\$20.45	\$19.37
<b>2020</b>	\$17.05	\$17.00	\$16.25	\$13.07	\$12.14	\$21.04	\$24.54	\$19.77	\$16.43	\$21.61	\$23.34	\$15.72
<b>2021</b>	\$16.04	\$15.75	\$16.15	\$17.67	\$18.96	\$17.21	\$16.49	\$15.95	\$16.53	\$17.83	\$18.03	\$18.36
<b>2022</b>	\$20.38	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A	#N/A

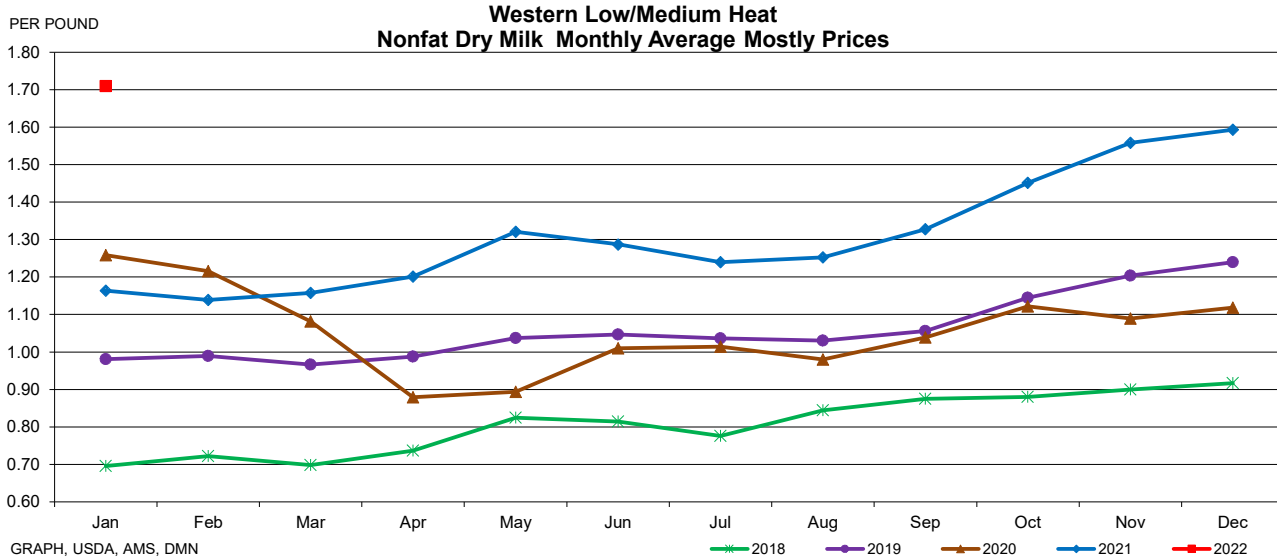
DATA SOURCE, USDA, AMS, DAIRY PROGRAMS, DPMRP and FMOIP, Announcement of Class and Component Prices, released 2/2/2022



### Western Low/Medium Heat Nonfat Dry Milk Monthly Average Mostly Prices

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>2018</b>	0.6955	0.7221	0.6984	0.7370	0.8242	0.8140	0.7761	0.8442	0.8750	0.8800	0.8995	0.9169
<b>2019</b>	0.9807	0.9892	0.9660	0.9873	1.0370	1.0463	1.0361	1.03	1.0560	1.1448	1.2039	1.2395
<b>2020</b>	1.2583	1.2153	1.0818	0.8789	0.8935	1.0095	1.0142	0.9799	1.0393	1.1220	1.0891	1.1182
<b>2021</b>	1.1632	1.1389	1.1572	1.2010	1.3206	1.2869	1.2395	1.2523	1.3273	1.4513	1.5580	1.5935
<b>2022</b>	1.7090											

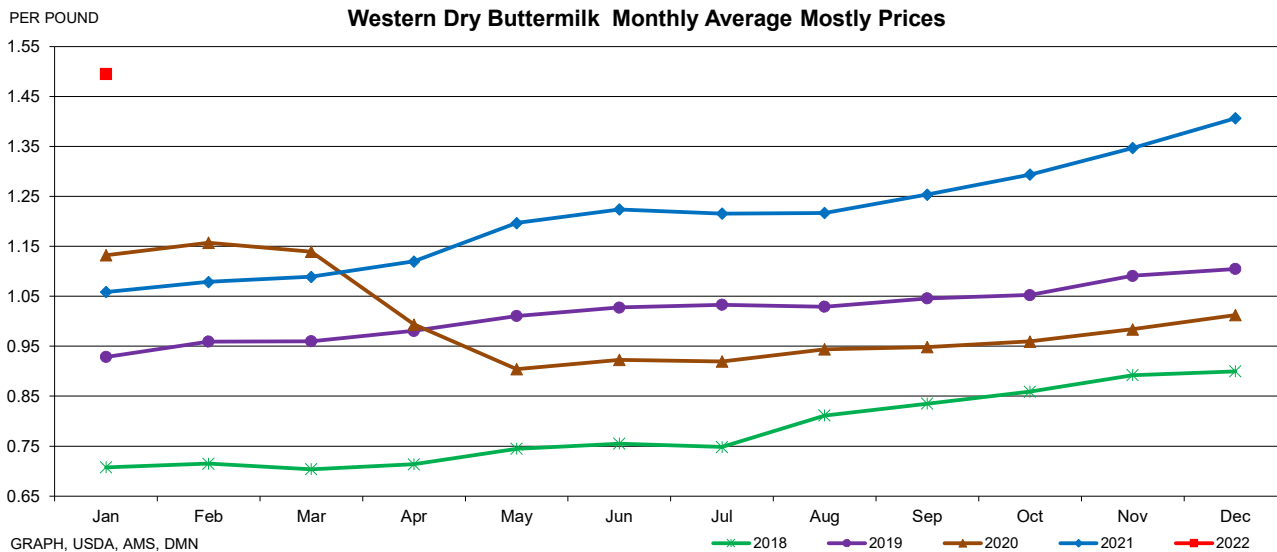
DATA SOURCE, USDA, AMS, DMN Monthly Averages, released 2/4/2022



### Western Dry Buttermilk Monthly Average Mostly Prices

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>2018</b>	0.7074	0.7150	0.7036	0.7136	0.7445	0.7550	0.7483	0.8111	0.8350	0.8589	0.8919	0.9000
<b>2019</b>	0.9286	0.9592	0.9600	0.9807	1.0105	1.0275	1.0327	1.0291	1.0455	1.0523	1.0908	1.1050
<b>2020</b>	1.132	1.1574	1.1391	0.9936	0.9045	0.9227	0.9196	0.944	0.9483	0.9595	0.9838	1.0124
<b>2021</b>	1.0589	1.0787	1.0889	1.1195	1.1963	1.2236	1.2155	1.2167	1.2535	1.2939	1.3470	1.4063
<b>2022</b>	1.4946											

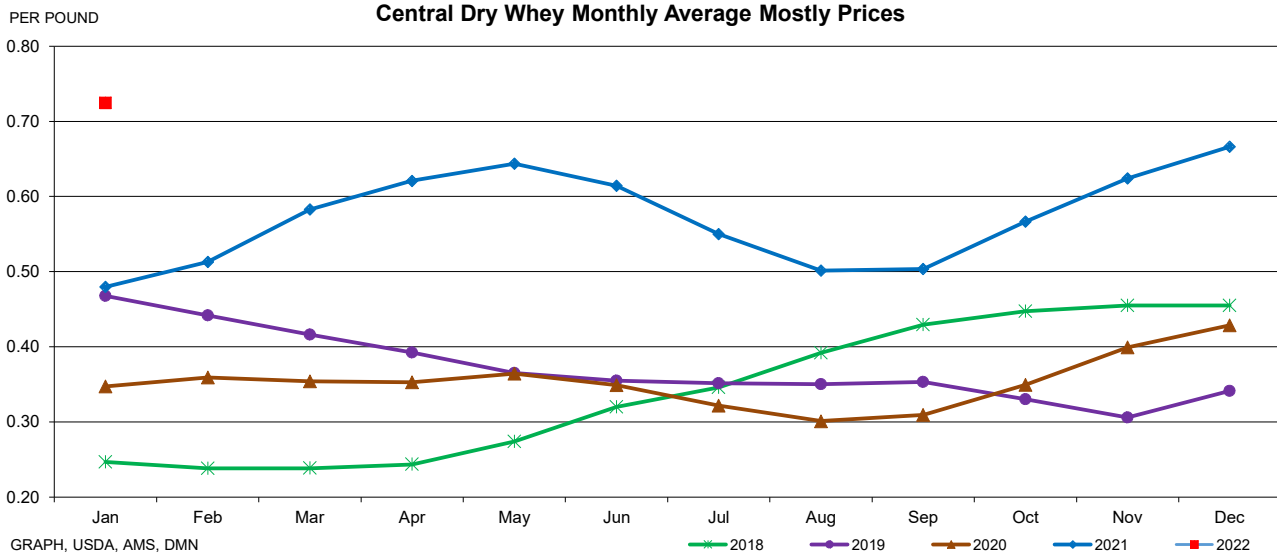
DATA SOURCE, USDA, AMS, DMN Monthly Averages, released 2/4/2022



### Central Dry Whey Monthly Average Mostly Prices

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>2018</b>	0.2465	0.2382	0.2384	0.2435	0.2739	0.3198	0.3458	0.392	0.4293	0.4473	0.4550	0.4550
<b>2019</b>	0.4676	0.4416	0.4163	0.3922	0.3651	0.3547	0.3513	0.3500	0.3532	0.3303	0.3058	0.3412
<b>2020</b>	0.3471	0.3591	0.3540	0.3528	0.3644	0.3491	0.3215	0.3010	0.3095	0.3495	0.3993	0.4284
<b>2021</b>	0.4798	0.5128	0.5827	0.6209	0.6438	0.6144	0.5501	0.5015	0.5036	0.5666	0.6240	0.6662
<b>2022</b>	0.7245											

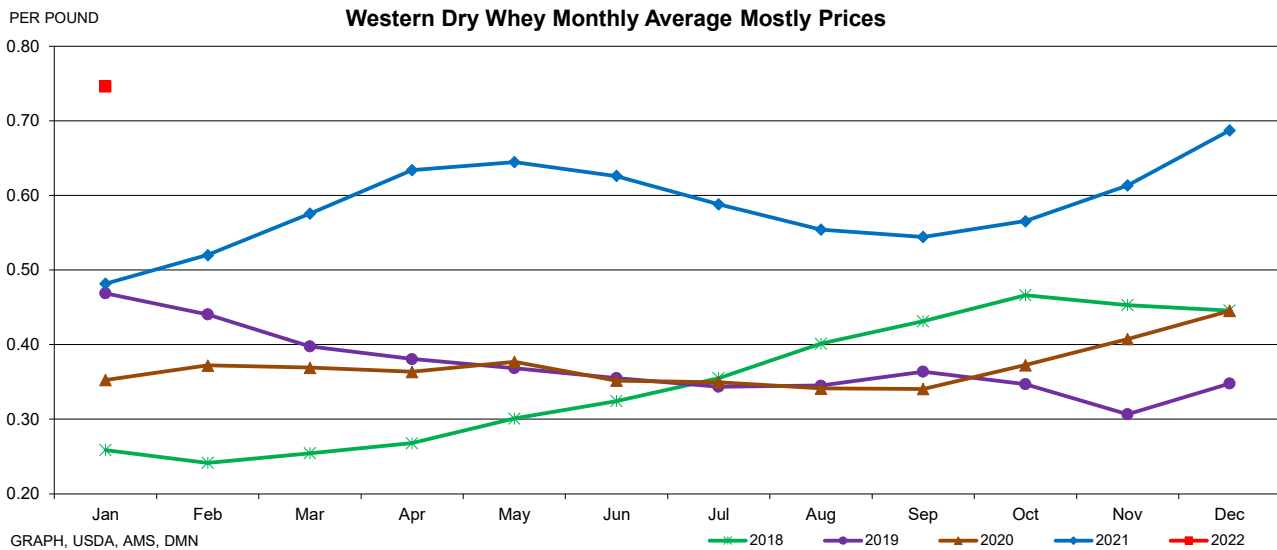
DATA SOURCE, USDA, AMS, DMN Monthly Averages, released 2/4/2022



### Western Dry Whey Monthly Average Mostly Prices

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>2018</b>	0.2587	0.2416	0.2543	0.2678	0.3009	0.3243	0.3552	0.4013	0.4312	0.4661	0.4530	0.4456
<b>2019</b>	0.4689	0.4405	0.3976	0.3807	0.3685	0.3550	0.3436	0.3451	0.3636	0.3470	0.3069	0.3479
<b>2020</b>	0.3526	0.372	0.3691	0.3635	0.377	0.3517	0.3495	0.3412	0.3407	0.3724	0.4074	0.4452
<b>2021</b>	0.4816	0.5199	0.5755	0.6341	0.6447	0.6261	0.5879	0.5542	0.5442	0.5655	0.6133	0.6871
<b>2022</b>	0.7459											

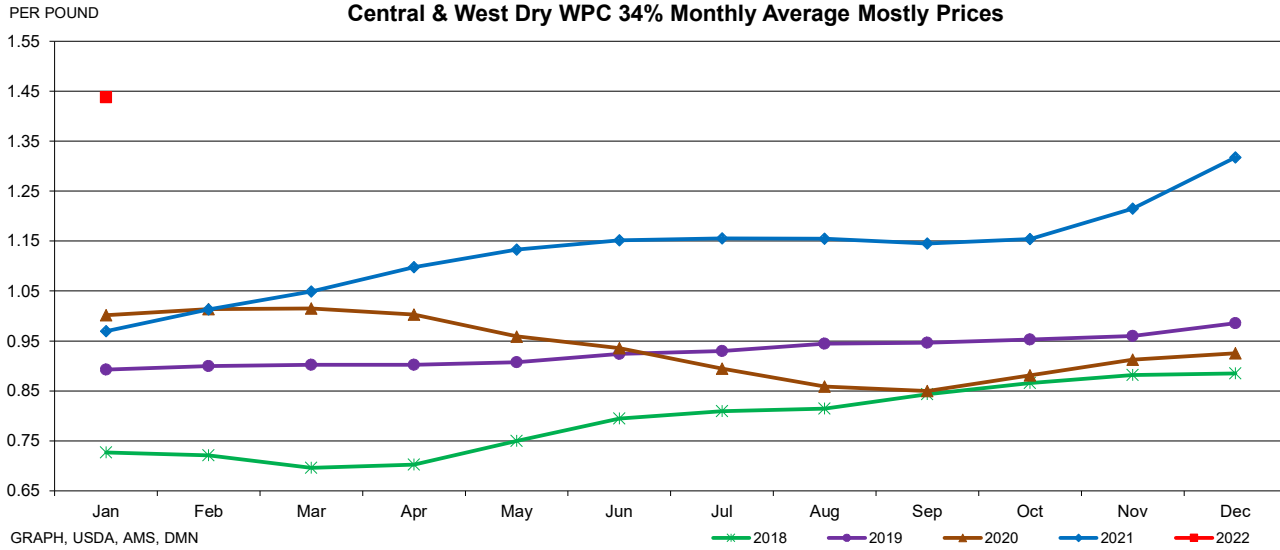
DATA SOURCE, USDA, AMS, DMN Monthly Averages, released 2/4/2022



### Central & West Dry WPC 34% Monthly Average Mostly Prices

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>2018</b>	0.7268	0.7211	0.6960	0.7027	0.7502	0.7949	0.8092	0.8144	0.8437	0.8658	0.8817	0.8851
<b>2019</b>	0.8929	0.8995	0.9025	0.9025	0.9074	0.9244	0.9297	0.9444	0.9465	0.9530	0.9597	0.9854
<b>2020</b>	1.0017	1.014	1.0148	1.0027	0.959	0.9356	0.8945	0.8591	0.85	0.881	0.9124	0.9255
<b>2021</b>	0.9693	1.0134	1.0487	1.0977	1.1328	1.1513	1.1551	1.1548	1.1450	1.1540	1.2149	1.3174
<b>2022</b>	1.4378											

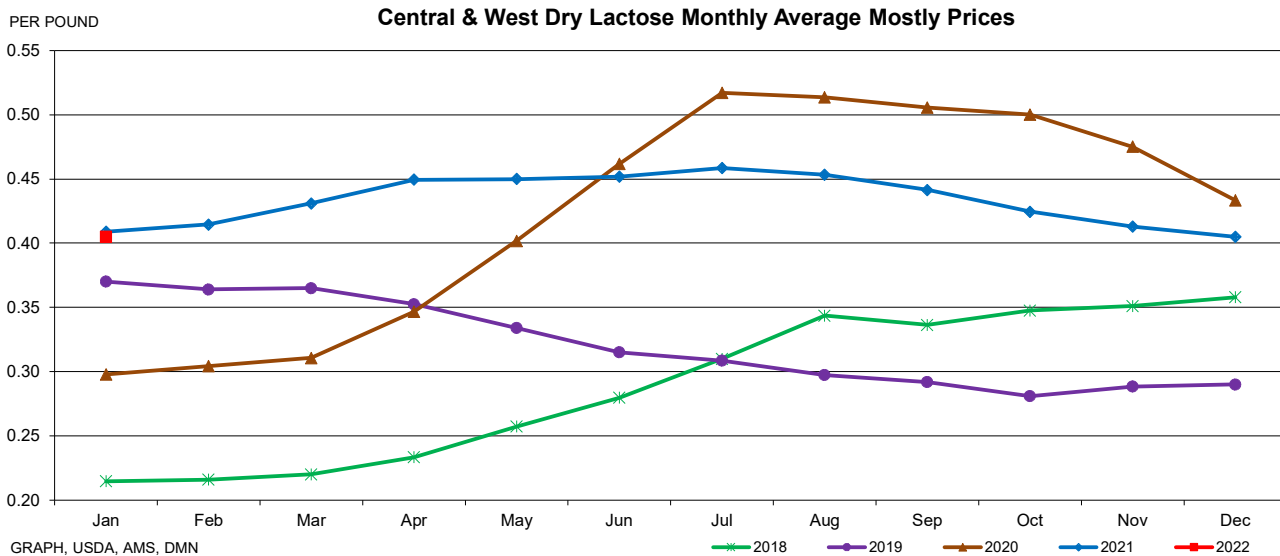
DATA SOURCE, USDA, AMS, DMN Monthly Averages, released 2/4/2022



### Central & West Dry Lactose Monthly Average Mostly Prices

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
<b>2018</b>	0.2146	0.2159	0.2200	0.2333	0.2573	0.2796	0.3099	0.3435	0.3363	0.3475	0.3510	0.3580
<b>2019</b>	0.3700	0.3639	0.3650	0.3525	0.3339	0.3150	0.3085	0.2973	0.2919	0.2809	0.2884	0.2900
<b>2020</b>	0.2979	0.3043	0.3107	0.3467	0.4018	0.4618	0.5170	0.5136	0.5056	0.5002	0.4751	0.4333
<b>2021</b>	0.4089	0.4145	0.4309	0.4495	0.4500	0.4518	0.4584	0.4534	0.4414	0.4245	0.4129	0.4050
<b>2022</b>	0.4050											

DATA SOURCE, USDA, AMS, DMN Monthly Averages, released 2/4/2022





## Dairy Market News Branch

Agricultural  
Marketing  
Service

# National Retail Report-Dairy

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

Volume 89- Number 5

Issued Weekly

Friday, February 4, 2022

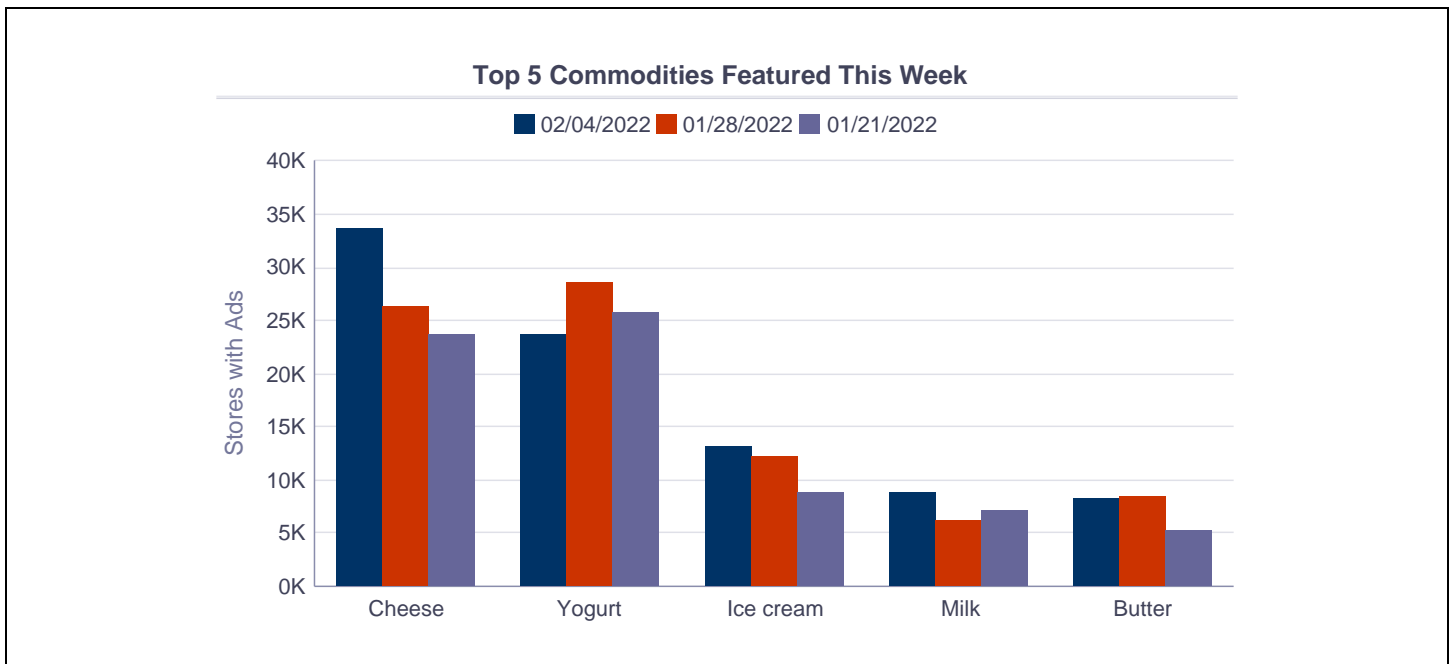
### Advertised Prices for Dairy Products at Major Retail Supermarket Outlets ending during the period of 02/04/2022 to 02/10/2022

The total number of conventional dairy ads grew by 6 percent this week. Organic ad numbers decreased 8 percent. Even during the cold of February, conventional ice cream in 48 – 64-oz containers is the second most advertised product/size. The weighted average advertised price, \$3.17, is \$0.05 lower than last week.

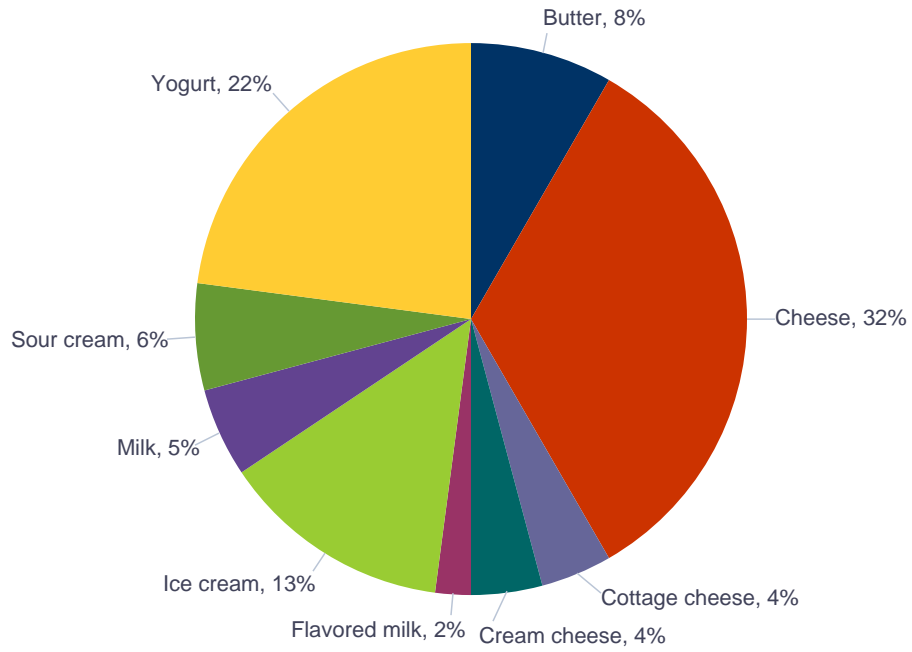
Ads for conventional cheese increased 28 percent from last week. There are no advertised organic cheese products present in this week's survey. Conventional 8-ounce shred cheese is the most advertised dairy item and is featured in 49 percent more ads than last week. The national weighted average advertised price for conventional 8-ounce shred decreased \$0.01 to \$2.45.

The most advertised yogurt item is conventional 4-6 oz Greek yogurt. The price, \$.96, is up \$0.03 from last week. All organic yogurt ads are for 32 oz organic yogurt. The average price, \$3.57, is up \$0.22. Organic 32 oz yogurt commands a \$1.33 price premium over 32 oz conventional yogurt. Conventional yogurt ad numbers decreased 14 percent. Organic yogurt ad numbers decreased 47 percent.

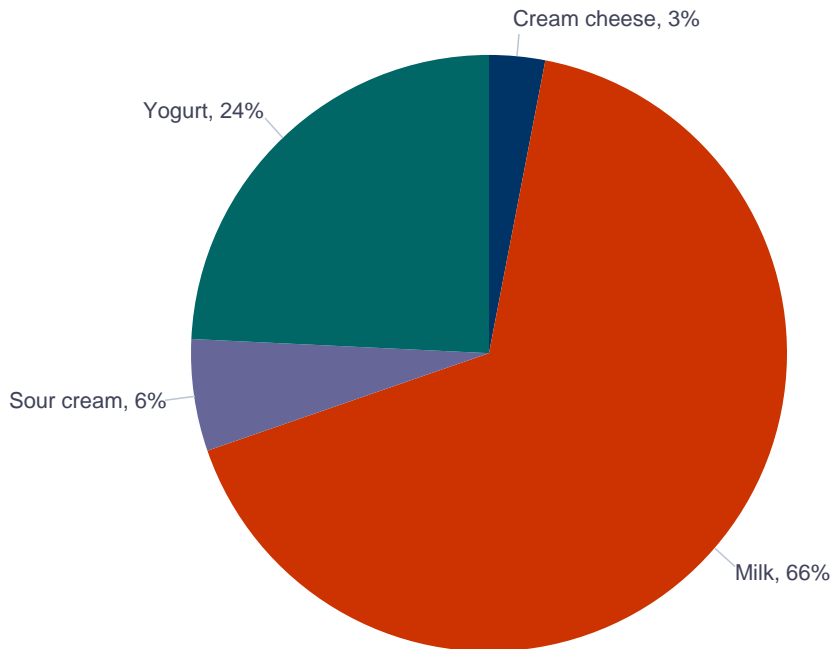
Ads for conventional half gallons of milk increased 70 percent. Organic milk half gallon ads increased 22 percent. Conventional half gallon milk has a national weighted average advertised price of \$1.58. Organic half gallons have a national weighted average advertised price of \$4.22, resulting in a \$2.64 organic milk price premium.



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 #	8246	3.33	8263	3.37	5672	3.04
Cheese	Natural Varieties	8 oz block	11165	2.47	10097	2.50	7163	2.43
Cheese	Natural Varieties	1 # block	2331	4.27	1249	4.01	1352	3.49
Cheese	Natural Varieties	2 # block	3688	6.70	3475	6.56	2318	6.22
Cheese	Natural Varieties	8 oz shred	15199	2.45	10175	2.46	9421	2.42
Cheese	Natural Varieties	1 # shred	1194	3.92	1177	4.18	240	2.93
Cottage cheese		16 oz	4036	2.29	3482	2.18	2022	1.77
Cream cheese		8 oz	3909	1.92	2977	1.50	10500	1.87
Egg nog		half gallon	102	5.99				
Flavored milk	All fat tests	half gallon	1034	1.96	1116	1.99	527	2.18
Flavored milk	All fat tests	gallon	1404	2.74	790	3.00	180	2.99
Ice cream		48-64oz	13121	3.17	12204	3.22	13345	2.99
Milk	All fat tests	half gallon	2811	1.58	1654	1.71	695	2.08
Milk	All fat tests	gallon	2552	2.92	1552	3.12	712	3.30
Sour cream		16 oz	5757	1.83	8589	1.77	9926	1.84
Yogurt	Greek	4-6 oz	7761	.96	11725	.93	7678	.99
Yogurt	Greek	32 oz	5525	4.13	6562	4.20	1857	4.58
Yogurt	Yogurt	4-6 oz	6543	.56	4595	.52	4909	.51
Yogurt	Yogurt	32 oz	2566	2.24	3292	2.21	540	3.95

## 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 #	2.47-3.99	4356	3.54	2.49-3.00	449	2.56	1.99-2.99	1023	2.72
Cheese	Natural Varieties	8 oz block	1.49-4.58	4236	2.41	1.69-3.99	3293	2.68	1.88-2.99	817	2.24
Cheese	Natural Varieties	1 # block	3.68-6.00	901	4.59	3.00-4.39	917	4.00			
Cheese	Natural Varieties	2 # block	6.98-9.98	418	9.25	5.99-8.99	304	8.10	4.00-6.98	915	5.56
Cheese	Natural Varieties	8 oz shred	1.88-3.50	5121	2.35	1.69-3.00	4730	2.61	1.88-2.99	1621	2.40
Cheese	Natural Varieties	1 # shred	3.58-4.99	388	3.84	3.00	195	3.00			
Cottage cheese		16 oz	1.99-2.99	1677	2.51	2.00-3.00	892	2.33	1.98-2.99	213	2.48
Cream cheese		8 oz	0.77-3.48	2487	1.94				1.28	107	1.28
Egg nog		half gallon	5.99	102	5.99						
Flavored milk	All fat tests	half gallon	1.94	316	1.94						
Flavored milk	All fat tests	gallon	3.24	316	3.24				3.99	106	3.99
Ice cream		48-64oz	1.99-3.99	3537	3.06	2.99-5.99	2483	3.39	2.49-4.48	2794	3.27
Milk	All fat tests	half gallon	1.94	948	1.94	0.87	298	.87	0.87	360	.87
Milk	All fat tests	gallon	3.24-3.99	1185	3.37						
Sour cream		16 oz	0.99-2.18	2864	1.75	1.69-2.29	913	1.97	1.89-2.49	500	2.13

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	Greek	4-6 oz	0.80-1.25	2635	.99	0.99-1.25	1421	1.01	0.60-1.00	1162	.90
Yogurt	Greek	32 oz	3.39-4.99	2426	3.91	3.99-5.00	1306	4.22	4.99	123	4.99
Yogurt	Yogurt	4-6 oz	0.50-0.69	3133	.59	0.50	288	.50	0.50-0.69	916	.57
Yogurt	Yogurt	32 oz	1.92-3.12	1284	2.35				2.00	180	2.00

Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	2.49-2.99	275	2.64	2.49-3.18	705	3.00	2.98-3.98	1369	3.65
Cheese	Natural Varieties	8 oz block	1.88-2.99	542	2.54	1.67-2.99	1785	2.32	1.86-2.99	416	2.37
Cheese	Natural Varieties	1 # block				3.99-4.98	383	4.34	3.68	130	3.68
Cheese	Natural Varieties	2 # block	4.99	78	4.99	4.99-8.49	1830	6.60	5.97	105	5.97
Cheese	Natural Varieties	8 oz shred	1.79-2.99	598	2.34	1.67-2.99	2236	2.49	1.98-2.99	845	2.31
Cheese	Natural Varieties	1 # shred				4.22-4.98	481	4.44	3.58	130	3.58
Cottage cheese		16 oz	2.00	55	2.00	1.49-2.50	1069	1.82	2.76	130	2.76
Cream cheese		8 oz	1.49-1.99	163	1.66	1.46	344	1.46	1.00-3.48	780	2.12
Flavored milk	All fat tests	half gallon				1.61-2.49	588	1.98	1.94	130	1.94
Flavored milk	All fat tests	gallon	1.99	114	1.99	2.68	344	2.68	1.99-3.24	524	2.40
Ice cream		48-64oz	2.47-6.00	697	3.36	1.97-3.99	2972	3.07	1.99-3.99	568	2.58
Milk	All fat tests	half gallon	0.79	78	.79	0.87-1.99	710	1.62	1.94	390	1.94
Milk	All fat tests	gallon	1.99	114	1.99	1.99-2.68	458	2.51	1.97-3.24	784	2.61
Sour cream		16 oz	2.00	55	2.00	1.49-1.99	1007	1.73	1.48-2.18	390	1.81
Yogurt	Greek	4-6 oz	0.79-1.25	759	1.01	0.64-1.00	1563	.90	0.77-0.99	210	.88
Yogurt	Greek	32 oz				3.47-5.00	1150	4.46	3.47-5.56	520	3.99
Yogurt	Yogurt	4-6 oz	0.39-0.50	631	.48	0.48-0.52	961	.50	0.39-0.64	580	.58
Yogurt	Yogurt	32 oz				1.92-2.50	548	2.03	1.92-3.12	520	2.22

Commodity	Type	Pack Size	ALASKA U.S.			HAWAII U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Butter		1 #	5.49	21	5.49	3.99	48	3.99
Cheese	Natural Varieties	8 oz block	2.50-2.99	49	2.78	2.50	27	2.50
Cheese	Natural Varieties	2 # block	5.97	11	5.97	5.00	27	5.00
Cheese	Natural Varieties	8 oz shred	2.50	21	2.50	2.50	27	2.50
Cream cheese		8 oz	4.49	28	4.49			
Ice cream		48-64oz	3.49-3.99	22	3.74	4.29	48	4.29
Milk	All fat tests	half gallon				1.99	27	1.99
Milk	All fat tests	gallon	2.77	11	2.77			
Sour cream		16 oz	3.49	28	3.49			
Yogurt	Greek	4-6 oz	1.25	11	1.25			
Yogurt	Yogurt	4-6 oz				0.60	34	.60
Yogurt	Yogurt	32 oz				3.00	34	3.00





### 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 #			180	5.99	289	5.99
Cheese	Natural Varieties	8 oz block					121	3.69
Cheese	Natural Varieties	8 oz shred			69	3.99		
Cottage cheese		16 oz					214	4.29
Cream cheese		8 oz	169	2.99			61	3.00
Ice cream		48-64oz					108	7.49
Milk	All fat tests	half gallon	2193	4.22	1798	4.71	2555	3.94
Milk	All fat tests	gallon	1236	6.69	1198	5.90	141	5.49
Sour cream		16 oz	318	2.98				
Yogurt	Greek	32 oz			536	4.14	289	5.99
Yogurt	Yogurt	4-6 oz			118	1.69		
Yogurt	Yogurt	32 oz	1261	3.57	1724	3.35	416	3.50

### 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
Milk	All fat tests	half gallon	4.00-4.46	1028	4.20				4.69	180	4.69
Milk	All fat tests	gallon	6.97	632	6.97						
Yogurt	Yogurt	32 oz	3.49-4.49	661	3.79				2.49	256	2.49

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
Cream cheese		8 oz				2.99	169	2.99			
Milk	All fat tests	half gallon	3.99	72	3.99	3.50-3.99	523	3.86	4.18-5.47	390	4.61
Milk	All fat tests	gallon				5.98	344	5.98	6.97	260	6.97
Sour cream		16 oz	2.49	80	2.49	3.29-3.49	169	3.42	2.49	69	2.49

Wtd Avg - Simple weighted average



Commodity	Type	Pack Size	SOUTH CENTRAL U.S.			SOUTHWEST U.S.			NORTHWEST U.S.		
			Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price	Price Range	Stores with Ads	Wtd Avg Price
Yogurt	Yogurt	32 oz				3.97	344	3.97			

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

**REGIONAL DEFINITIONS**

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

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



# Dairy Market News

United States Department of Agriculture

Agricultural Marketing Service

Dairy Programs

Market Information Branch

Volume 89, Report 5

January 31 – February 4, 2022

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