



# UPPER MIDWEST DAIRY NEWS

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## CME Block Cheese Sets Record High

The price for 40-pound blocks of cheddar cheese on the Chicago Mercantile Exchange (CME) was exceptionally volatile in June and early July (see graph below). On July 17, the price was \$2.66 per pound, 16¢ above last month and nearly 90¢ over a year earlier. The peak of \$3.00 on July 13<sup>th</sup> was the third record high in as many days, but was followed by four days of declines totaling 34¢, with one daily drop as large as 19¢.

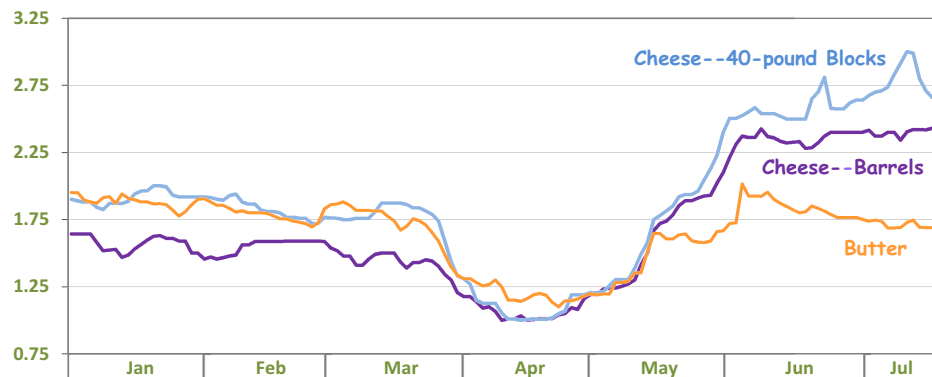
The price for barrel cheddar cheese during this time was more stable than blocks. The July 17 price of \$2.43 per pound was up 10¢ from June 17 and 74¢ above last year. In

addition, the barrel price is currently at its highest level since setting the record high of \$2.49 per pound in 2014.

The CME butter price on July 17 was \$1.69 per pound, down 11¢ from a month ago and nearly 75¢ below last year. In early June, the price reached its high point of the year at \$2.01½, but it has generally declined since.

The Federal order Class III price for June is \$21.04, up \$8.90 from May. The impact on Federal order pricing from the jump, caused primarily by CME cheese prices, is discussed on Pages 2 and 3.

Chicago Mercantile Exchange -- Selected Dairy Commodity Prices \*



\* Prices depicted are per pound for each day that trading occurred from January 1 and July 17, 2020.

## Pool Summary

- In June, producer milk totaled 1.1 billion pounds, down 60% from last month on a daily basis and 67% below last year. The declines resulted from sharp increases in the volume of milk not pooled.
- Class I utilization was 212 million pounds, down 0.7% from May on a daily basis, but 7.2% above last year. In June, Class I use was 19.5% of producer milk.
- The June Producer Price Differential (PPD) was \$(3.81) per cwt.
- The F.O. 30 Statistical Uniform Price in June was \$17.23 per cwt., up \$4.92 from May and \$0.71 above a year ago. This Statistical Uniform Price was uncharacteristically the highest of any Federal order.
- Market statistics for June are shown on Pages 4 and 5.

## June 2020 Producer Milk by Class

	Percent	Product Pounds	Price \$/cwt.
Class I	19.5	211,884,057	13.22
Class II	17.3	188,625,841	12.99
Class III	49.9	542,204,301	21.04
Class IV	13.3	144,226,123	12.90
<b>Total</b>		<b>1,086,940,322</b>	

## Record Price Increases a Factor Behind June Negative PPDs

In the seven Federal Milk Marketing Orders (FMMO) that pay producers based on milk components (butterfat, protein, and other solids) plus a producer price differential (PPD) value, the June PPD was significantly negative. In fact, the PPD reached new lows in most of the FMMOs. This occurred when the June 2020 Class III price jumped a record \$8.90 per hundredweight from the May value.

Dairy commodity markets, which are the basis for all FMMO pricing, have registered extreme swings in price levels this year, the magnitude and rapidity not previously experienced.

For example, block and barrel cheese prices were relatively strong at the beginning of this year, with block prices above \$1.90 per pound during most of January, and barrel prices above \$1.50 per pound. Blocks even surpassed the \$2.00 per pound mark on a couple of days in January. Prices remained relatively strong until early April when they plunged dramatically. Both block and barrel prices fell as low as \$1.00 per pound in April, before skyrocketing in May. Blocks surpassed the \$2.00 per pound threshold in late May and have continued to climb to record levels, approaching \$3.00 during the second week of July.

The graph at the top of the next column details weekly average CME prices for barrel and block cheese since the beginning of this year.

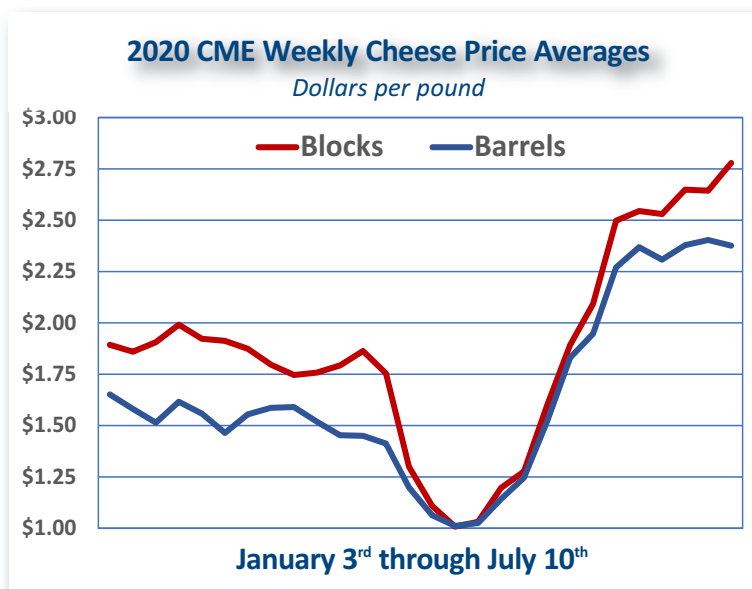
The magnitude of these rapid variations in dairy commodity markets results in an unusual, or “non-typical”, FMMO class price alignment. Although unusual alignments of prices have occurred in the past, the magnitude of the current disparity between class prices is unprecedented.

In June, the Upper Midwest Order Class III price (\$21.04) was \$7.82 higher than the Class I price (\$13.22) at the base zone. The June Class III price was above the Class II price (\$12.99) and the Class IV price (\$12.90) by \$8.05 and \$8.14, respectively, also unprecedented differences.

### Producer Price Differential

The Producer Price Differential (PPD) is a per hundredweight payment and is but one portion of the total revenue paid to dairy farmers marketing milk in a Federal order that pays producers based on milk components. The butterfat, protein, and other solids in producer milk comprise the other portions of producer revenue, and these are paid on a per pound basis. The Upper Midwest Order also includes a per hundredweight price adjustment based on somatic cell levels in producer milk.

The PPD represents, on a per hundredweight basis, the total dollars accumulated by the market-wide pool minus the amount paid out to producers for priced components -- protein, butterfat, and other solids. Market-wide pool revenue,



or the *pool classified value*, is determined by the amount of milk utilized in each class, along with the price level for each class.

Class I products include fluid bottled milk; Class II products are typically described as “soft” manufactured dairy products (such as ice cream, cottage cheese, dips, fluid cream products, etc.); cheeses are the products that make up Class III; and Class IV is comprised of butter and dry milk powders.

When the total value of pooled producer components exceeds the pool’s classified value, the result is a negative PPD, since money out of the FMMO pool at producer component values plus the PPD must equal money in the pool’s classified value (pool revenue). In this measure, the calculation of a PPD can be thought of as an accounting method to “balance the books” of the monthly Federal order pool (see illustrations on Page 3).

In the four Federal Milk Orders where the largest utilization of milk is typically Class I fluid milk products, producers are paid for the value of butterfat and the value of skim milk. This calculation is the butterfat prices in each class times the amount of fat utilized in each class, plus the skim prices in each class times skim pounds in each class. The sum of the values paid to producers for butterfat and skim milk is equal to the classified use value of the pool and there is no PPD in those four markets.

### Factors Behind Negative PPDs

The monthly PPD value can be positive or negative, depending on several factors particular to the individual order. In some orders, negative PPD values can occur on a regular basis due to the utilization of producer milk among the four classes and the differences between the class prices. The PPD payment is adjusted by location of the plant where

### Negative Producer Price Differential

#### Pool Revenue

- Class I Handler Value
- Class II Handler Value
- Class III Handler Value
- Class IV Handler Value

#### Class III Component Values

- Butterfat Value
- Protein Value
- Other Solids Value



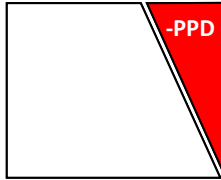
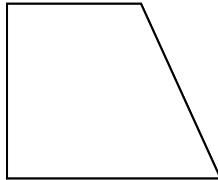
**NEGATIVE PRODUCER PRICE DIFFERENTIAL**



Pool Revenue

Class III Component Values

Payment Breakdown



When the value of the pool is *less* than the Class III component value, the PPD is *negative*.

a producer's milk is delivered, so within a specific marketing area the per hundredweight value of the PPD can range from positive at the base zone where the price is announced and turn negative in the more distant differential zones

A significant short-term change in commodity prices used in the class and component price formulas can also have an impact on the PPD value, which is the case in June. In just over a one-month period, cheese prices recovered from among the lowest levels seen in recent years to the highest levels.

Under the Federal order system, Class I prices are announced in advanced of the effective month. The June 2020 Class I price was announced on May 20th using an average cheese price of \$1.1859 per pound from the first two weeks in May. The June 2020 Class III price was announced on July 1st based on an average cheese price of \$2.2152 per pound, calculated from four weeks in June when cheese prices were rising. The nonfat dry milk market has not experienced the same increase as the cheese market, so Class II and IV prices have remained low as the Class II price is set off of the Class IV price.

These dynamics have resulted in the Class III component values, specifically the protein value, being very high relative to the other class values. Producers will notice the high value paid for protein in their June checks when compared to their May checks. As explained above, the higher component prices resulted in more money paid out at the Class III component values than is available in the monthly Federal order pool and created a negative PPD.

Only milk delivered to pool distributing plants is required to be producer milk under the Federal order system. Pool supply plants and deliveries to non-pool plants have specific qualifications that must be met to be eligible as producer milk. Those handlers typically have just Class II, Class III, or Class IV products and are not required to participate in the order's pool. Therefore, due to expected price relationships in some months, handlers may decide not to pool some of their milk receipts. In June 2020, handlers decided to not pool a significant volume of Class III milk due to its higher value. While that milk may not have been pooled, it is also important to note that the higher Class III value still exists in the marketplace.

It is expected that Class I, II, and IV prices will continue to be low relative to the Class III price for July 2020 resulting in a negative PPD value. It is likely that multiple component pricing orders will experience some level of negative PPD values until the Class III and IV skim prices converge.

## Calculation of the Minimum F.O 30 Producer Payment

**Sample Producer Data**

400,000 Pounds  
 Butterfat = 3.85%  
 Protein = 3.10%  
 Other Solids = 5.75%  
 SCC = 170,000

	Pounds		May 2020		June 2020	
			Price	Value	Price	Value
PPD *	400,000	Per Cwt.	\$ 0.17	\$ 680	\$(3.81)	\$(15,240)
Butterfat	15,400	Per Pound	1.3756	21,184	1.8591	28,630
Protein	12,400	Per Pound	2.0918	25,938	4.5349	56,233
Other Solids	23,000	Per Pound	0.1882	4,329	0.1696	3,901
Somatic Cells **	400,000	Per Cwt.	0.12	480	0.20	800
<b>Total Federal Order 30 Minimum Producer Payment</b>			<b>\$ 52,611</b>		<b>\$ 74,324</b>	

\* Adjusted for location.

\*\* The somatic cell rate is calculated by subtracting the cell count (in thousands) from 350, and multiplying the result by the somatic cell adjustment rate, rounding to nearest full cent. For May 2020 in this example, that would be: [(350-170) x \$0.00065] or 180 x \$0.00065 = \$0.12. For June, the somatic cell adjustment rate was \$0.00111, resulting in a \$0.20 rate.

## Computation of Producer Price Differential - June 2020

		Utilization Percentage	Product Pounds	Component Pounds	Rate	Value
<b>Class I</b>	Differential Value					\$ 3,670,060.89
	Product	19.5%	211,884,057			
	Skim Milk			208,011,732	\$ 7.0800	14,727,230.62
	Butterfat			3,872,325	1.3107	5,075,456.37
<b>Class II</b>	Product	17.3%	188,625,841			
	Nonfat Solids			16,445,137	0.7433	12,223,670.34
	Butterfat			9,496,115	1.8661	17,720,700.21
<b>Class III</b>	Product	49.9%	542,204,301			
	Protein			16,375,309	4.5349	74,260,388.80
	Other Solids			31,488,776	0.1696	5,340,496.40
	Butterfat			19,350,566	1.8591	35,974,637.25
<b>Class IV</b>	Product	13.3%	144,226,123			
	Nonfat Solids			12,462,212	0.7354	9,164,710.72
	Butterfat			8,479,265	1.8591	15,763,801.60
SCC Adjustment (Class II, III, and IV)						1,746,720.97
<b>Total Producer Milk *</b>			<b>1,086,940,322</b>			<b>\$195,667,874.17</b>
Add:	Overage					33,999.04
	Inventory Reclassified					224,210.83
	Other Source Milk \$.60(h)					0.00
	Other Source Milk \$.60(i)			1,699,102		0.00
Subtract:	Transportation Credit					10,404.22
	Assembly Credit					166,788.69
	Credit for Reconstituted FMP					0.00
	Producer Milk Protein					149,195,897.21
	Producer Milk Other Solids					10,674,672.34
	Producer Milk Butterfat					76,591,705.61
	Producer Milk SCC Adjustment					2,137,965.91
Total Milk and Value			1,088,639,424			\$(42,851,349.94)
Add:	Location Adjustment -- Producer and Unregulated Supply Plant Milk					740,240.95
	One-Half Unobligated Balance Producer Settlement Fund					1,132,285.38
Total Value					(3.764224)	\$(40,978,823.61)
Subtract:	Producer Settlement Fund Reserve				0.045776	498,338.44
<b>Producer Price Differential **</b>					<b>\$(3.81)</b>	<b>\$(41,477,162.05)</b>

\* An estimated 2.4 billion pounds of milk was not pooled.

\*\* Producer Price Differential is dollars per cwt. at the Base Zone of Cook County, Illinois.

## Upper Midwest Pool Statistics - June 2020

Market Class I Differential Rate	Pool Plants	Received at Pool Plants	Diverted to Pool and Nonpool Plants	Total	Location Adjustment to Producers	Class I Differential to Handlers	
<i>Cwt.</i>	<i>Number</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Value</i>	<i>Pounds</i>	<i>Value</i>
\$1.80	3	45,143,770	3,984,736	49,128,506	\$ 0	40,300,446	\$ 725,408
\$1.75	29	112,257,659	466,730,504	578,988,163	289,494	63,856,549	1,117,490
\$1.70 *	26	191,599,094	267,224,559	458,823,653	449,897	107,727,062	1,827,163
<b>Total</b>	<b>58</b>	<b>349,000,523</b>	<b>737,939,799</b>	<b>1,086,940,322</b>	<b>\$739,391</b>	<b>211,884,057</b>	<b>\$3,670,061</b>

\* Includes restricted data from the \$1.65 and the \$2.00 zones.

## Utilization and Classification of Milk

	June 2020		May 2020	June 2019
	Product Pounds	Butterfat Pounds	Product Pounds	Product Pounds
<b>Class I Utilization:</b>				
Packaged Disposition				
Milk	42,973,041	1,415,606	45,043,119	40,965,136
Flavored Milk	3,010,935	98,936	2,930,084	2,402,251
Reduced Fat Milk	80,839,967	1,563,568	81,779,947	75,661,972
Lowfat Milk	40,355,171	383,405	42,674,678	36,690,567
Fat Free Milk	25,002,698	27,474	26,576,002	27,003,493
Flavored Reduced and Fat Free Milk	16,961,114	198,147	18,969,931	17,068,567
Buttermilk	1,943,745	20,343	1,782,549	2,156,102
Total Packaged Disposition	211,086,671	3,707,479	219,756,310	201,948,088
Total Ending Inventory	18,230,140	331,423	19,084,511	17,207,963
Bulk to Nonpool Plants	3,447,929	63,479	1,518,627	1,165,920
Shrinkage	3,603,975	247,070	798,700	1,293,225
Total Class I Utilization	236,368,715	4,349,451	241,158,148	221,615,196
Other Order Plants	(2,125,744)	(45,765)	(1,897,955)	(3,128,683)
Beginning Inventory	(19,960,440)	(319,588)	(18,209,905)	(20,455,112)
Reused Products	0	0	0	0
Other Source Milk	(2,145,193)	(22,811)	(903,485)	(423,760)
Overage	--	--	0	0
Interhandler Adjustment	(253,281)	(88,962)	269,016	(17,370)
<b>Class I Producer Milk</b>	<b>211,884,057</b>	<b>3,872,325</b>	<b>220,415,819</b>	<b>197,590,271</b>
<b>Class II Utilization:</b>				
Total Class II Utilization	198,234,801	9,808,284	84,599,962	40,233,147
Other Order Plants	--	--	0	--
Beginning Inventory	(2,613,430)	(138,830)	--	(448,573)
Reused Products	(6,714,458)	(66,637)	(4,722,316)	(4,714,223)
Other Source Milk	(281,072)	(106,702)	--	--
Overage	0	0	--	--
<b>Class II Producer Milk</b>	<b>188,625,841</b>	<b>9,496,115</b>	<b>79,877,646</b>	<b>35,070,351</b>
<b>Class III Utilization:</b>				
Total Class III Utilization	545,258,586	19,425,232	2,334,646,589	2,927,627,171
Other Order Plants	(921,364)	(29,460)	--	(5,130,503)
Beginning Inventory	(1,066,302)	(20,083)	(1,557,871)	(4,085,166)
Reused Products	--	--	--	0
Other Source Milk	(1,001,781)	(19,575)	(538,821)	(815,974)
Overage	(64,838)	(5,548)	(89,666)	(19,624)
<b>Class III Producer Milk</b>	<b>542,204,301</b>	<b>19,350,566</b>	<b>2,332,460,231</b>	<b>2,917,575,904</b>
<b>Class IV Utilization:</b>				
Total Class IV Utilization	199,031,485	10,997,646	199,693,240	209,039,931
Other Order Plants	(2,326,645)	(76,861)	(4,752,883)	(7,123,978)
Beginning Inventory	(15,567,077)	(743,007)	(12,247,986)	(6,158,295)
Reused Products	--	--	--	0
Other Source Milk	(36,863,776)	(1,695,065)	(36,701,567)	(97,924,922)
Overage	(47,864)	(3,448)	(69,358)	(51,786)
<b>Class IV Producer Milk</b>	<b>144,226,123</b>	<b>8,479,265</b>	<b>145,921,446</b>	<b>97,780,950</b>
<b>Total Producer Milk -- All Classes</b>	<b>1,086,940,322</b>	<b>41,198,271</b>	<b>2,778,675,142</b>	<b>3,248,017,476</b>

-- Restricted Information

## Commodity Prices

Month/Year	Weighted Monthly Average Prices						Weighted Two-Week Average Prices					
	Cheddar Cheese			Nonfat			Cheddar Cheese			Nonfat		
	Blocks	Barrels	Average	Butter	Dry Milk	Dry Whey	Blocks	Barrels	Average	Butter	Dry Milk	Dry Whey
	<i>Dollars per Pound</i>						<i>Dollars per Pound</i>					
Jun 2019	1.7461	1.6075	1.6910	2.3663	1.0431	0.3643	1.7184	1.6022	1.6745	2.3622	1.0407	0.3669
Jul	1.8486	1.7631	1.8238	2.3893	1.0393	0.3631	1.8341	1.7427	1.8061	2.3870	1.0507	0.3622
Aug	1.8636	1.7566	1.8276	2.3659	1.0335	0.3671	1.8473	1.7523	1.8153	2.3643	1.0391	0.3673
Sep	1.9843	1.7913	1.9053	2.2344	1.0519	0.3698	1.9279	1.7431	1.8531	2.2665	1.0477	0.3684
Oct	2.0569	1.8379	1.9694	2.1559	1.0957	0.3396	2.0372	1.7970	1.9402	2.1496	1.1014	0.3406
Nov	2.0987	2.2280	2.1723	2.0869	1.1540	0.3071	2.1374	2.2486	2.2000	2.0879	1.1479	0.2997
Dec	1.9363	2.1395	2.0509	1.9842	1.2161	0.3293	1.9424	2.2460	2.1082	1.9894	1.2095	0.3266
Jan 2020	1.8995	1.6869	1.8092	1.9153	1.2451	0.3367	1.8823	1.6994	1.8081	1.9311	1.2388	0.3295
Feb	1.9467	1.6007	1.7884	1.8076	1.2453	0.3690	1.9677	1.6084	1.8032	1.8277	1.2541	0.3644
Mar	1.8133	1.5761	1.7091	1.7551	1.1160	0.3748	1.8245	1.6127	1.7346	1.7767	1.1609	0.3729
Apr	1.5264	1.2744	1.4026	1.2630	0.9552	0.3732	1.5225	1.2818	1.4120	1.2407	0.9564	0.3724
May	1.3049	1.2641	1.2990	1.3074	0.8492	0.3818	1.1798	1.1607	1.1859	1.2538	0.8395	0.3822
Jun	2.2566	2.1482	2.2152	1.7067	0.9106	0.3638	2.0334	1.9734	2.0174	1.6598	0.8923	0.3674

Month/Year	Chicago Mercantile Exchange					USDA Dairy Market News				
	Butter	Cheddar Cheese		NFDM	Whey	NFDM Low/Medium Heat		Whey Powder		
	Grade AA	Blocks	Barrels	Grade A	Extra Grade	Central & East	West	Northeast	Central	West
	<i>Dollars per Pound</i>									
Jun 2019	2.3884	1.7906	1.6258	1.0498	0.3529	1.0531	1.0475	0.3663	0.3488	0.3619
Jul	2.3897	1.8180	1.7343	1.0297	0.3338	1.0415	1.0259	0.3593	0.3446	0.3414
Aug	2.2942	1.8791	1.7081	1.0297	0.3701	1.0425	1.0239	0.3573	0.3356	0.3601
Sep	2.1690	2.0395	1.7463	1.0703	0.3800	1.0573	1.0558	0.3600	0.3373	0.3746
Oct	2.1071	2.0703	2.0224	1.1579	0.3004	1.1236	1.1328	0.3502	0.3122	0.3356
Nov	2.0495	1.9664	2.2554	1.2139	0.3109	1.1952	1.1913	0.3352	0.3015	0.3156
Dec	1.9736	1.8764	1.8410	1.2501	0.3333	1.2461	1.2353	0.3480	0.3461	0.3436
Jan 2020	1.8813	1.9142	1.5721	1.2688	0.3520	1.2683	1.2543	0.3449	0.3427	0.3460
Feb	1.7913	1.8343	1.5470	1.1816	0.3708	1.2246	1.2118	0.3585	0.3505	0.3761
Mar	1.7235	1.7550	1.4399	1.0259	0.3339	1.1005	1.0818	0.3738	0.3511	0.3468
Apr	1.1999	1.1019	1.0690	0.8485	0.3644	0.9039	0.8980	0.3795	0.3550	0.3493
May	1.4710	1.6704	1.5980	0.9191	0.3736	0.8980	0.8832	0.3806	0.3687	0.3719
Jun	1.8291	2.5620	2.3376	1.0092	0.3181	1.0094	0.9924	0.3765	0.3381	0.3359

## Market Statistics

Month/Year	Distributing Plants	Supply Plants	Coop .9(c) Handlers	Producers	Total Producer Milk	Est. Average Daily Delivery Per Producer	Class I Utilization	Butterfat Test	Protein Test	Other Solids Test	Weighted Average SCC
					Mil. lbs.	Pounds	Percent	Percent	Percent	Percent	
										(000)	
Apr 2019	13	47	9	8,737	3,011	11,475	7.7	3.93	3.14	5.77	167
May	13	47	9	8,680	3,247	12,058	7.3	3.89	3.10	5.80	170
Jun	13	47	9	8,834	3,248	12,242	6.1	3.83	3.06	5.80	174
Jul	13	47	9	8,123	2,897	11,490	7.5	3.76	2.99	5.79	195
Aug	14	47	9	8,369	3,173	12,217	7.0	3.81	3.04	5.77	196
Sep	14	47	8	7,412	2,284	10,266	9.7	3.88	3.10	5.77	180
Oct	16	47	9	6,821	1,960	9,263	12.2	4.00	3.18	5.76	169
Nov	19	45	10	6,152	1,617	8,793	14.5	4.08	3.25	5.74	152
Dec	15	44	9	6,042	1,798	9,596	12.9	4.03	3.22	5.74	160
Jan 2020	13	44	9	6,537	2,234	11,012	10.7	4.01	3.20	5.74	163
Feb	15	44	10	6,627	2,247	11,691	9.4	4.01	3.19	5.75	162
Mar	15	43	10	6,568	2,546	12,465	9.6	3.97	3.17	5.76	163
Apr	16	43	11	6,660	2,704	13,491	8.2	3.96	3.14	5.77	162
May	15	43	10		2,779		7.9	3.91	3.11	5.78	163
Jun	15	43	9		1,087		19.5	3.79	3.03	5.79	173

# Class Prices

Month/Year	Class I Price Mover			Class I Price at Cook County, IL			Class II Price			
	Butterfat	Skim Milk	3.50%	Butterfat	Skim Milk	3.50%	Butterfat	Nonfat Solids	Skim Milk	3.50%
	<i>lb.</i>	<i>cwt.</i>	<i>cwt.</i>	<i>lb.</i>	<i>cwt.</i>	<i>cwt.</i>	<i>lb.</i>	<i>lb.</i>	<i>cwt.</i>	<i>cwt.</i>
Jun 2019	2.5634	8.39	17.07	2.5814	10.19	18.87	2.6649	0.9178	8.26	17.30
Jul	2.6529	8.18	17.18	2.6709	9.98	18.98	2.6928	0.9422	8.48	17.61
Aug	2.6830	8.81	17.89	2.7010	10.61	19.69	2.6644	0.9522	8.57	17.60
Sep	2.6555	8.87	17.85	2.6735	10.67	19.65	2.5052	0.9400	8.46	16.93
Oct	2.5370	9.29	17.84	2.5550	11.09	19.64	2.4101	0.9489	8.54	16.68
Nov	2.3955	10.11	18.14	2.4135	11.91	19.94	2.3265	1.0022	9.02	16.85
Dec	2.3208	11.61	19.33	2.3388	13.41	21.13	2.2022	1.0478	9.43	16.81
Jan 2020	2.2015	11.71	19.01	2.2195	13.51	20.81	2.1187	1.1089	9.98	17.05
Feb	2.1309	10.46	17.55	2.1419	12.26	19.35	1.9883	1.1378	10.24	16.84
Mar	2.0057	10.82	17.46	2.0237	12.62	19.26	1.9247	1.1533	10.38	16.75
Apr	1.9439	10.19	16.64	1.9619	11.99	18.44	1.3288	1.0611	9.55	13.87
May	1.2948	8.72	12.95	1.3128	10.52	14.75	1.3826	0.8589	7.73	12.30
Jun	1.3107	7.08	11.42	1.3287	8.88	13.22	1.8661	0.7433	6.69	12.99
Jul	1.8023	10.62	16.56	1.8203	12.42	18.36		0.7956	7.16	

Month/Year	Class III Price					Class IV Price			
	Butterfat	Protein	Other Solids	Skim Milk	3.50%	Butterfat	Nonfat Solids	Skim Milk	3.50%
	<i>lb.</i>	<i>lb.</i>	<i>lb.</i>	<i>cwt.</i>	<i>cwt.</i>	<i>lb.</i>	<i>lb.</i>	<i>cwt.</i>	<i>cwt.</i>
Jun 2019	2.6579	2.0046	0.1702	7.22	16.27	2.6579	0.8665	7.80	16.83
Jul	2.6858	2.4032	0.1689	8.45	17.55	2.6858	0.8628	7.77	16.90
Aug	2.6574	2.4453	0.1730	8.60	17.60	2.6574	0.8570	7.71	16.74
Sep	2.4982	2.8633	0.1758	9.91	18.31	2.4982	0.8753	7.88	16.35
Oct	2.4031	3.1700	0.1447	10.68	18.72	2.4031	0.9186	8.27	16.39
Nov	2.3195	3.9118	0.1112	12.78	20.45	2.3195	0.9763	8.79	16.60
Dec	2.1952	3.6515	0.1341	12.11	19.37	2.1952	1.0378	9.34	16.70
Jan 2020	2.1117	2.9606	0.1417	10.01	17.05	2.1117	1.0665	9.60	16.65
Feb	1.9813	3.0309	0.1750	10.43	17.00	1.9813	1.0667	9.60	16.20
Mar	1.9177	2.8424	0.1810	9.88	16.25	1.9177	0.9387	8.45	14.87
Apr	1.3218	2.4822	0.1793	8.75	13.07	1.3218	0.7795	7.02	11.40
May	1.3756	2.0918	0.1882	7.59	12.14	1.3756	0.6746	6.07	10.67
Jun	1.8591	4.5349	0.1696	15.06	21.04	1.8591	0.7354	6.62	12.90

# Producer Prices

Month/Year	Producer Price Differential	Statistical Uniform Price (at 3.50%)	Butterfat Price	Protein Price	Other Solids Price	SCC Adjustment Rate	Producer Mailbox Price (at test)
	<i>\$ per cwt.</i>	<i>\$ per cwt.</i>	<i>\$ per lb.</i>	<i>\$ per lb.</i>	<i>\$ per lb.</i>	<i>\$ per cwt.</i>	<i>\$ per cwt.</i>
	Apr 2019	0.15	16.11	2.5375	1.9890	0.1990	0.00082
May	0.17	16.55	2.5718	2.1159	0.1847	0.00085	18.06
Jun	0.25	16.52	2.6579	2.0046	0.1702	0.00085	17.86
Jul	0.16	17.71	2.6858	2.4032	0.1689	0.00091	18.67
Aug	0.15	17.75	2.6574	2.4453	0.1730	0.00091	18.95
Sep	(0.08)	18.23	2.4982	2.8633	0.1758	0.00095	19.81
Oct	(0.30)	18.42	2.4031	3.1700	0.1447	0.00098	20.62
Nov	(0.94)	19.51	2.3195	3.9118	0.1112	0.00109	22.34
Dec	(0.40)	18.97	2.1952	3.6515	0.1341	0.00103	21.54
Jan 2020	0.28	17.33	2.1117	2.9606	0.1417	0.00090	19.42
Feb	0.06	17.06	1.9813	3.0309	0.1750	0.00089	19.33
Mar	0.17	16.42	1.9177	2.8424	0.1810	0.00085	17.96
Apr	0.24	13.31	1.3218	2.4822	0.1793	0.00070	14.29
May	0.17	12.31	1.3756	2.0918	0.1882	0.00065	
Jun	(3.81)	17.23	1.8591	4.5349	0.1696	0.00111	

# Summary of Federal Order Data - June 2020

Federal Order Number / Name	Producer Deliveries <i>— Thousand Pounds —</i>	Class I Producer Receipts <i>— Thousand Pounds —</i>	Class I Utilization <i>Percent</i>	Class I Price <i>— Dollars per Cwt. —</i>	Producer Price Differential <i>— Dollars per Cwt. —</i>	Uniform or Statistical Uniform Price at 3.5% Butterfat		
						FOB Market	FOB Cook Cty. Illinois <i>Dollars per Cwt.</i>	Change From Previous Year
1 Northeast	1,855,630	646,495	34.9	\$ 14.67	\$ (5.38)	\$ 15.66	\$ 14.21	\$ (2.62)
5 Appalachian	388,937	322,838	83.0	14.82	n/a	15.27	13.67	(4.17)
6 Florida	190,307	160,348	84.3	16.82	n/a	16.83	13.23	(4.79)
7 Southeast	365,386	255,976	70.1	15.22	n/a	15.38	13.38	(4.20)
<b>30 Upper Midwest</b>	<b>1,086,940</b>	<b>211,884</b>	<b>19.5</b>	<b>13.22</b>	<b>(3.81)</b>	<b>17.23</b>	<b>17.23</b>	<b>0.71</b>
32 Central	833,901	359,049	43.1	13.42	(7.51)	13.53	13.33	(3.38)
33 Mideast	1,293,066	522,603	40.4	13.42	(7.05)	13.99	13.79	(3.41)
51 California	1,711,090	418,101	24.4	13.52	(7.91)	13.13	12.83	(4.11)
124 Pacific Northwest	614,412	135,430	22.0	13.32	(5.87)	15.17	15.07	(1.77)
126 Southwest	813,839	333,315	41.0	14.42	(7.62)	13.42	12.22	(4.46)
131 Arizona	375,814	98,585	26.2	13.77	n/a	15.50	14.95	(1.82)
<b>All Market Average or Total *</b>	<b>9,529,322</b>	<b>3,464,625</b>	<b>36.4</b>					

n/a = Not applicable.

\* May not add due to rounding.

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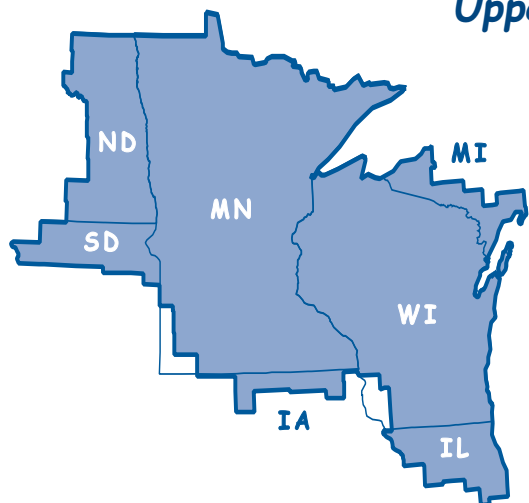
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## Upper Midwest Marketing Area

F.O. 30



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