Federal Milk Market Administrator U.S. Department of Agriculture



UPPER MIDWEST DAIRY NEWS

Victor J. Halverson, Market Administrator

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Upper Midwest Marketing Area, Federal Order No. 30

December 2018

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California Federal Milk Order Goes Live

California

The California Milk Order, F.O. 51, was implemented on October 17, 2018, with the publication of the *Announcement of the Class I Price* for November 2018. However, the first release of the *Producer Price Differential* was on December 14, 2018.

These price releases and other items related to the new order are available at: www.cafmmo.com.

While choosing permanent office locations and hiring the staff for F.O. 51 are underway, experienced personnel from the ten existing Federal milk orders can assist with questions that producers or handlers may have and a temporary office is located in Woodland, California.

If you have questions, please email them to:

market.admin@cafmmo.com or call (530) 662-2037.

Notice on Dairy America Settlement

Asttlement was recently reached in the Dairy America milk powder lawsuit. After obtaining approval from handlers to release their data, USDA provided the Claims Administrator (Rust Consulting) with pounds of milk pooled during the 64-month period of January 2002 through April 2007.

For the Upper Midwest Order, however, the only records available were for the 16-monh period of January 2006 through April 2007. To fix this issue, the Claims Administrator has mailed revised Claim Forms to farmers

that pooled milk on the Upper Midwest Order. The new claim forms should show revised pounds that are approximately four times higher than the earlier form. In addition, if milk was pooled on another order, other forms may have been received.

The complete statement on the revised pounds is published on the case website at:

milkpowdercase.com.

Producers are reminded that claim forms must be postmarked by **January 28, 2019**.

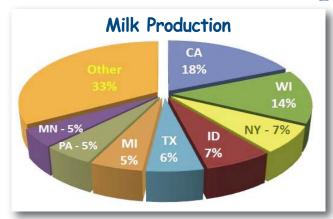
Pool Summary

- ➤ In November, producer milk totaled 2.7 billion pounds, up from last month and last year, primarily because of a smaller estimated volume of milk not pooled.
- ➤ Class I utilization was 248 million pounds, up 3.5% on a daily basis from October, but 12% below last year. In November, Class I use accounted for 9.2% of producer milk.
- ➤ The November Producer Price Differential (PPD) was \$0.30 per cwt.
- ➤ The Statistical Uniform Price was \$14.74 per cwt., down \$1.01 from October and \$1.93 below last year.
- ➤ Market statistics for November are shown on Pages 4 and 5.

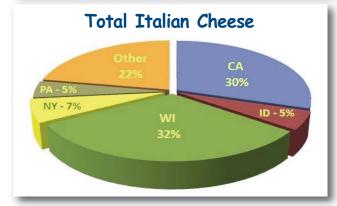
November 2018 Producer Milk by Class

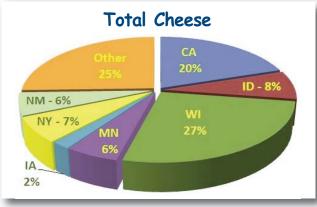
	Product	
Percent	Pounds	Price
		\$/cwt.
9.2	247,752,051	17.32
1.8	48,510,091	15.63
87.0	2,347,794,956	14.44
2.0	54,500,114	15.06
	2,698,557,212	
	9.2 1.8 87.0	Percent Pounds 9.2 247,752,051 1.8 48,510,091 87.0 2,347,794,956 2.0 54,500,114

U.S. Production of Milk, and Cheddar, Italian, and Total Cheese -- 2017 --



Cheddar Cheese Other 36% OR-5% MN 15% IA 3%





Milk Production

Total	215,466
Other	71,722
Minnesota	9,864
Pennsylvania	10,938
Michigan	11,231
Texas	12,054
Idaho	14,627
New York	14,912
Wisconsin	30,320
California	39,798

Source: Milk Production, NASS, USDA, million pounds.

Cheddar Cheese

Total	3,721.3
Other	<u>1,351.1</u>
Oregon	172.8
lowa	93.8
Minnesota	560.7
Wisconsin	704.0
Idaho	483.4
California	355.5

Source: Dairy Products, NASS, USDA, million pounds.

Total Italian Cheese

Total	5,383.9
Other	<u>1,185.8</u>
Pennsylvania	252.4
New York	350.0
Wisconsin	1,702.4
Idaho	277.0
California	1,616.2

Source: Dairy Products, NASS, USDA, million pounds, total does not add due to rounding.

Total Cheese

California	2,513.1
Idaho	958.7
Wisconsin	3,365.9
Minnesota	713.0
lowa	256.7
New York	860.7
New Mexico	765.8
Other	3,225.2
Total	12.659.1

Source: Dairy Products, NASS, USDA, million pounds, excludes Cottage Cheese.

CME Dairy Commodity Prices Up in December

The price for barrel cheddar cheese on the Chicago Mercantile Exchange (CME) on December 21 was \$1.29½ per pound, with 40-pound blocks at \$1.39.

The CME barrel price was up $5\frac{1}{2}$ ¢ from the same time last month, but nearly 11¢ below a year ago. The CME block price was up $4\frac{1}{2}$ ¢ from a month ago, but $5\frac{1}{4}$ ¢ below last year. The cheese prices have generally trended downward since the end of August this year, with a slight upturn in the last month, as seen in the graph below.

The spread between the block and barrel prices on December 21 was at $9\frac{1}{2}\phi$, again above the "normal" historical range of between 4ϕ and 5ϕ . The spread has been outside of that range most of the year. The difference has averaged nearly 13ϕ for the year, peaking at more than 30ϕ in early October.

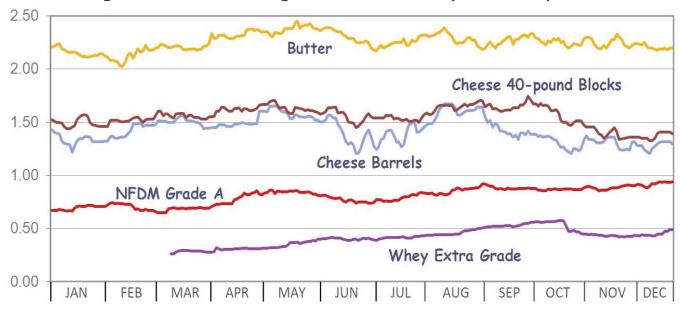
The CME butter price on December 21 was \$2.20½ per pound, down 7½ ¢ from last month, but 2½ ¢ above a year ago. The price has fluctuated in a range between about \$2.20 and \$2.35 per pound since mid-June this year.

The price of nonfat dry milk (NFDM) on the CME on December 21 was \$0.94 per pound, up 41/4¢ from last month and 28¢ above a year ago.

The November Federal order Class III price was \$14.44 per cwt., down \$1.09 from October and \$2.44 below last year.

The Class III futures on the CME on December 21 had the price at \$13.84 for December, \$14.28 for January, going back above \$15 in April, and topping \$16 in June.

Chicago Mercantile Exchange -- Selected Dairy Commodity Prices *



^{*} Prices depicted are per pound for each day that trading occurred from January 1, 2018 through December 21, 2018.

Fluid Milk Provided to Food Banks for the First Time

Fluid milk was distributed to food banks acrosss the country for the first time under the Emergency Food Assistance Program (TEFAP).

The TEFAP is a Federal program, first authorized in 1981, that helps supplement the diets of low-income Americans, including elderly people, by providing them with emergency food and nutrition assistance at no cost. It provides food and administrative funds to States to supplement the diets of these groups.

This past fall, 63 million pounds of milk were purchased to be distributed in 1,800 trucks for a value of \$20.14

million. This resulted in 14.6 million half gallons of milk going to those in need, or nearly 117 million glasses.



Computation of Producer Price Differential - November 2018

9.2% 1.8% 87.0% 5 2.0% Is I, III, and IV)	247,752,051 48,510,091 2,347,794,956 54,500,114	243,356,822 4,395,229 3,961,025 6,235,732 76,235,933 135,494,819 90,120,372 4,235,232 9,271,996	\$ 6.8100 2.5578 0.7733 2.5455 1.3419 0.2714 2.5385	\$ 4,285,567.86 16,572,599.58 11,242,116.74 3,063,060.65 15,873,055.83 102,300,998.51 36,773,293.87 228,770,564.38 3,011,249.97
1.8% 87.0% 8	48,510,091 2,347,794,956	4,395,229 3,961,025 6,235,732 76,235,933 135,494,819 90,120,372 4,235,232	2.5578 0.7733 2.5455 1.3419 0.2714 2.5385 0.7110	11,242,116.74 3,063,060.65 15,873,055.83 102,300,998.51 36,773,293.87 228,770,564.38 3,011,249.97
87.0% 8 2.0%	2,347,794,956	4,395,229 3,961,025 6,235,732 76,235,933 135,494,819 90,120,372 4,235,232	2.5578 0.7733 2.5455 1.3419 0.2714 2.5385 0.7110	11,242,116.74 3,063,060.65 15,873,055.83 102,300,998.51 36,773,293.87 228,770,564.38 3,011,249.97
87.0% 8 2.0%	2,347,794,956	3,961,025 6,235,732 76,235,933 135,494,819 90,120,372 4,235,232	0.7733 2.5455 1.3419 0.2714 2.5385	3,063,060.65 15,873,055.83 102,300,998.51 36,773,293.87 228,770,564.38 3,011,249.97
87.0% 8 2.0%	2,347,794,956	6,235,732 76,235,933 135,494,819 90,120,372 4,235,232	2.5455 1.3419 0.2714 2.5385 0.7110	15,873,055.83 102,300,998.51 36,773,293.87 228,770,564.38 3,011,249.97
87.0% S 2.0%		6,235,732 76,235,933 135,494,819 90,120,372 4,235,232	2.5455 1.3419 0.2714 2.5385 0.7110	15,873,055.83 102,300,998.51 36,773,293.87 228,770,564.38 3,011,249.97
2.0% ds		76,235,933 135,494,819 90,120,372 4,235,232	1.3419 0.2714 2.5385 0.7110	102,300,998.51 36,773,293.87 228,770,564.38 3,011,249.97
2.0% ds		135,494,819 90,120,372 4,235,232	0.2714 2.5385 0.7110	36,773,293.87 228,770,564.38 3,011,249.97
2.0% Is	54,500,114	135,494,819 90,120,372 4,235,232	0.2714 2.5385 0.7110	36,773,293.87 228,770,564.38 3,011,249.97
2.0% Is	54,500,114	90,120,372	2.5385 0.7110	228,770,564.38 3,011,249.97
ls	54,500,114	4,235,232	0.7110	3,011,249.97
ls	54,500,114	, ,		
-		, ,		
I, III, and IV)		9,271,996	2 5385	
I, III, and IV)			2.0000	23,536,961.85
				3,427,846.67
	2,698,557,212			\$ 448,857,315.91
eclassified the Milk §.60(h) the Milk §.60(i)		306,857		54,661.44 (23,256.78) 0.00 15,588.33
				26,944.74 198,007.33 0.00 117,272,023.93 42,167,820.47 279,294,220.64 3,769,150.25
	2,698,864,069			\$ 6,176,141.54
	nt Milk		1,972,957.57 1,101,482.99	
			0.342758	\$ 9,250,582.10
			0.042758	1,153,989.89
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^{*} An estimated 550 million pounds of milk was not pooled.

Upper Midwest Pool Statistics - November 2018

Market Class I Differential Rate	Differential Pool R		Diverted to Pool and Nonpool Plants	Total	Location Adjustment to Producers	Class I Differential to Handlers		
Cwt.	Number	Pounds	Pounds	Pounds	Value	Pounds	Value	
\$1.80	3	42,140,329	5,595,846	47,736,175	\$ 0	38,348,252	\$ 690,269	
\$1.75	29	97,775,994	1,320,413,183	1,418,189,177	709,094	79,472,079	1,390,761	
\$1.70 *	29	175,466,758	1,057,165,102	1,232,631,860	1,270,614	129,931,720	2,204,538	
Total	61	315,383,081	2,383,174,131	2,698,557,212	\$1,979,708	247,752,051	\$4,285,568	

 $^{^{\}star}$ Includes the restricted data from the \$2.10 and \$1.65 zones.

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

Utilization and Classification of Milk

	November 2018		October 2018	November 2017		
	Product Pounds	Butterfat Pounds	Product Pounds	Product Pounds		
Class I Utilization:						
Packaged Disposition						
Milk	44,809,791	1,477,092	44,376,978	50,625,387		
Flavored Milk	2,554,933	88,070	2,798,577	2,532,888		
Reduced Fat Milk	87,304,649	1,695,094	86,739,289	102,782,934		
Lowfat Milk	46,377,517	449,595	48,534,085	50,165,735		
Fat Free Milk	33,150,391	31,009	34,414,492	39,455,466		
Flavored Reduced and Fat Free Milk	31,123,924	428,592	32,133,469	31,682,418		
Buttermilk	2,337,613	23,898	2,288,159	2,220,175		
Total Packaged Disposition	247,658,818	4,193,350	251,285,049	279,465,003		
Total Ending Inventory	24,106,705	386,497	21,064,547	25,224,638		
Bulk to Nonpool Plants	140,386	2,333	380,102	279,972		
Shrinkage	2,488,294	243,690	1,979,590	1,616,533		
Total Class I Utilization	274,394,203	4,825,870	274,709,288	306,586,146		
Other Order Plants	(5,268,233)	(91,661)	(5,024,526)	(3,251,468)		
Beginning Inventory	(21,064,547)	(341,971)	(21,966,322)	(21,541,107)		
Reused Products	(200.057)	0	(000,400)	(405.000)		
Other Source Milk	(306,857)	0	(236,163) 0	(495,298)		
Overage Interhandler Adjustment	0 (2.515)	-		(11 207)		
•	(2,515)	2,991	(44,859)	(11,207)		
Class I Producer Milk	247,752,051	4,395,229	247,437,418	281,287,066		
Class II Utilization:						
Total Class II Utilization	59,441,878	7,829,426	147,124,905	178,506,054		
Other Order Plants	0	0	0	0		
Beginning Inventory	(2,710,057)	(198,072)	(1,520,360)	(2,013,284)		
Reused Products	(5,414,429)	(2,817)	(7,990,298)	(6,657,122)		
Other Source Milk	(2,807,301)	(1,392,805)	(1,232,656)	(1,425,858)		
Overage			0			
Class II Producer Milk	48,510,091	6,235,732	136,381,591	168,409,790		
Class III Utilization:						
Total Class III Utilization	2,373,544,652	90,403,574	2,183,722,836	1,534,059,129		
Other Order Plants	(1,673,594)	(10,285)	(0.407.450)	(0.055.000)		
Beginning Inventory	(6,850,543)	(166,167)	(3,497,458)	(3,655,666)		
Reused Products	 (17 111 076)	 (04 572)	(8,223,500)	(10.204.016)		
Other Source Milk	(17,111,976)	(94,573)	,	(10,394,016)		
Overage	(113,583)	(12,177)	(223,251)	(88,619)		
Class III Producer Milk	2,347,794,956	90,120,372	2,171,778,627	1,519,920,828		
Class IV Utilization:						
Total Class IV Utilization	154,853,945	13,899,402	204,241,226	210,482,282		
Other Order Plants	(5,610,323)	(280,679)	(4,559,735)	(6,288,416)		
Beginning Inventory	(11,285,378)	(819,697)	(20,600,473)	(13,319,164)		
Reused Products	0	0	0	0		
Other Source Milk	(83,441,723)	(3,525,860)	(70,022,762)	(61,034,113)		
Overage	(16,407)	(1,170)	(2,166)	(15,426)		
Class IV Producer Milk	54,500,114	9,271,996	109,056,090	129,825,163		
Total Producer Milk All Classes	2,698,557,212	110,023,329	2,664,653,726	2,099,442,847		
Restricted Information						

Commodity Prices

		Weig	hted Monthl	y Average	Prices	Weighted Two-Week Average Prices						
Month/Year	Ch	neddar Chee	ese	Nonfat			Cheddar Cheese					
	Blocks	Barrels	Average	Butter	Dry Milk	Dry Whey	Blocks	Barrels	Average	Butter	Dry Milk	Dry Whey
			Dollars p	er Pound					Dollars _l	per Pound		
Nov 2017	1.7475	1.7450	1.7617	2.2810	0.7553	0.3587	1.7457	1.7511	1.7641	2.2636	0.7563	0.3561
Dec	1.6085	1.6587	1.6481	2.2319	0.7237	0.3030	1.6241	1.6500	1.6513	2.2256	0.7290	0.2995
Jan 2018	1.5296	1.4760	1.5175	2.1972	0.6966	0.2755	1.5193	1.5259	1.5391	2.2339	0.6926	0.2792
Feb	1.5305	1.3862	1.4727	2.1112	0.7084	0.2525	1.5316	1.3794	1.4694	2.0983	0.7123	0.2516
Mar	1.5718	1.5078	1.5542	2.1759	0.6963	0.2531	1.5628	1.5024	1.5468	2.1741	0.6964	0.2467
Apr	1.5997	1.5185	1.5737	2.2452	0.7134	0.2592	1.5890	1.5284	1.5730	2.2175	0.7004	0.2575
May	1.6624	1.5790	1.6363	2.3382	0.7937	0.2711	1.6702	1.5878	1.6438	2.3246	0.7993	0.2712
Jun	1.6470	1.5549	1.6150	2.3756	0.8150	0.3086	1.6500	1.5859	1.6324	2.3714	0.8249	0.3041
Jul	1.5756	1.3796	1.4868	2.2596	0.7824	0.3372	1.5830	1.3736	1.4849	2.2659	0.7806	0.3361
Aug	1.5886	1.4912	1.5544	2.3192	0.8111	0.3681	1.5771	1.4766	1.5418	2.3282	0.8109	0.3709
Sep	1.6770	1.6016	1.6533	2.2724	0.8548	0.4028	1.6816	1.6398	1.6753	2.2684	0.8536	0.4075
Oct	1.6795	1.4366	1.5686	2.2814	0.8739	0.4470	1.6719	1.4553	1.5723	2.2836	0.8707	0.4379
Nov	1.5246	1.3433	1.4463	2.2677	0.8860	0.4626	1.5397	1.3353	1.4507	2.2595	0.8886	0.4648
Dec							1.4086	1.3182	1.3786	2.2538	0.8996	0.4659

		Chicago N	lercantile	Exchange		USDA Dairy Market News					
	Butter Cheddar Cheese		NFDM Whey		NFDM Low/Medi	um Heat	Whey Powder				
Month/Year	Grade AA	Blocks	Barrels	Grade A	Extra Grade	Central & East	West	Northeast	Central	West	
	Dollars per Pound										
Nov 2017	2.2244	1.6590	1.6656	0.7234		0.7555	0.7452	0.3417	0.3095	0.3295	
Dec	2.2078	1.4900	1.5426	0.6759		0.7161	0.7006	0.3206	0.2796	0.2794	
Jan 2018	2.1587	1.4938	1.3345	0.6926		0.6986	0.6879	0.2856	0.2375	0.2558	
Feb	2.1211	1.5157	1.4096	0.7097		0.7217	0.7158	0.2772	0.2375	0.2545	
Mar	2.2011	1.5614	1.5071	0.6808	0.2848	0.7183	0.6928	0.2701	0.2577	0.2684	
Apr	2.3145	1.6062	1.4721	0.7656	0.3038	0.7345	0.7397	0.2711	0.2673	0.2746	
May	2.3751	1.6397	1.5870	0.8441	0.3452	0.8101	0.8302	0.2969	0.2951	0.3033	
Jun	2.3270	1.5617	1.4145	0.7790	0.4030	0.8191	0.8052	0.3317	0.3231	0.3467	
Jul	2.2361	1.5364	1.3707	0.7783	0.4118	0.7996	0.7752	0.3687	0.3343	0.3675	
Aug	2.3009	1.6341	1.5835	0.8497	0.4548	0.8327	0.8428	0.3915	0.3854	0.4021	
Sep	2.2545	1.6438	1.4503	0.8845	0.5225	0.8943	0.8822	0.4312	0.4334	0.4528	
Oct	2.2600	1.5874	1.3152	0.8691	0.5329	0.8870	0.8818	0.4809	0.4584	0.4864	
Nov	2.2480	1.3951	1.3100	0.8856	0.4331	0.8845	0.8844	0.4817	0.4343	0.4542	

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. Ibs.	Pounds	Percent	Percent	Percent	Percent	(000)
Oct 2017	17	50	12	8,729	2,192	8,099	12.7	3.86	3.13	5.75	182
Nov	18	49	12	8,663	2,099	8,067	13.4	4.00	3.21	5.73	168
Dec	18	49	12	8,956	2,582	9,292	10.6	4.01	3.21	5.74	164
Jan 2018	17	48	12	9,180	2,850	10,005	9.9	4.02	3.20	5.73	173
Feb	18	48	11	9,499	2,879	10,820	8.7	4.00	3.19	5.74	173
Mar	16	47	12	8,673	2,688	9,995	10.0	3.95	3.15	5.75	167
Apr	17	47	11	8,599	2,597	10,062	9.8	3.96	3.14	5.75	165
May	16	47	12	8,459	2,590	9,879	10.0	3.84	3.05	5.77	171
Jun	15	47	12	9,821	3,050	10,346	7.7	3.75	3.01	5.79	189
Jul	16	47	12	9,653	3,252	10,855	7.2	3.75	3.00	5.79	200
Aug	15	47	11	9,028	2,949	10,539	8.6	3.78	3.04	5.78	194
Sep	15	47	12	7,888	2,157	9,108	10.4	3.84	3.09	5.77	195
Oct	15	47	12	8,350	2,665	10,290	9.3	4.01	3.20	5.78	167
Nov	14	47	13		2,699		9.2	4.08	3.24	5.76	156

Class Prices

	Class I Price Mover			Class I Pri	ce at Cook	County, IL	Class II Price			
Month/Year	Butterfat	Skim Milk	3.50%	Butterfat	Skim Milk 3.50%		Butterfat	Nonfat Solids	Skim Milk	3.50%
	lb.	cwt.	cwt.	lb.	cwt.	cwt.	lb.	lb.	cwt.	cwt.
Nov 2017	2.6804	7.28	16.41	2.6984	9.08	18.21	2.5616	0.7311	6.58	15.32
Dec	2.5335	8.30	16.88	2.5515	10.10	18.68	2.5021	0.6600	5.94	14.49
Jan 2018	2.4875	6.98	15.44	2.5055	8.78	17.24	2.4601	0.6333	5.70	14.11
Feb	2.4976	5.71	14.25	2.5156	7.51	16.05	2.3560	0.5978	5.38	13.44
Mar	2.3334	5.38	13.36	2.3514	7.18	15.16	2.4343	0.6197	5.55	13.88
Apr	2.4251	5.82	14.10	2.4431	7.62	15.90	2.5183	0.6011	5.41	14.03
May	2.4777	5.98	14.44	2.4957	7.78	16.24	2.6309	0.6056	5.45	14.47
Jun	2.6074	6.35	15.25	2.6254	8.15	17.05	2.6762	0.7033	6.33	15.48
Jul	2.6641	6.25	15.36	2.6821	8.05	17.16	2.5357	0.7278	6.55	15.20
Aug	2.5363	5.46	14.15	2.5543	7.26	15.95	2.6079	0.6844	6.16	15.07
Sep	2.6118	5.92	14.85	2.6298	7.72	16.65	2.5512	0.7144	6.43	15.13
Oct	2.5393	7.71	16.33	2.5573	9.51	18.13	2.5621	0.7567	6.81	15.54
Nov	2.5578	6.81	15.52	2.5758	8.61	17.32	2.5455	0.7733	6.96	15.63
Dec	2.5286	6.42	15.05	2.5466	8.22	16.85		0.7911	7.12	
Jan 2019	2.5217	6.52	15.12	2.5397	8.32	16.92		0.8022	7.22	

		Cla	ass III Price		Class IV Price				
Month/Year	Butterfat	Protein	Other Solids	Skim Milk	3.50%	Butterfat	Nonfat Solids	Skim Milk	3.50%
	lb.	lb.	lb.	cwt.	cwt.	lb.	lb.	cwt.	cwt.
Nov 2017	2.5546	2.3412	0.1644	8.23	16.88	2.5546	0.5816	5.23	13.99
Dec	2.4951	2.0378	0.1070	6.95	15.44	2.4951	0.5503	4.95	13.51
Jan 2018	2.4531	1.6612	0.0787	5.61	14.00	2.4531	0.5235	4.71	13.13
Feb	2.3490	1.6265	0.0550	5.37	13.40	2.3490	0.5352	4.82	12.87
Mar	2.4273	1.8066	0.0556	5.93	14.22	2.4273	0.5232	4.71	13.04
Apr	2.5113	1.7810	0.0619	5.89	14.47	2.5113	0.5401	4.86	13.48
May	2.6239	1.8609	0.0742	6.21	15.18	2.6239	0.6196	5.58	14.57
Jun	2.6692	1.7478	0.1128	6.08	15.21	2.6692	0.6407	5.77	14.91
Jul	2.5287	1.4827	0.1422	5.44	14.10	2.5287	0.6085	5.48	14.14
Aug	2.6009	1.6245	0.1741	6.06	14.95	2.6009	0.6369	5.73	14.63
Sep	2.5442	2.0029	0.2098	7.45	16.09	2.5442	0.6801	6.12	14.81
Oct	2.5551	1.7185	0.2553	6.83	15.53	2.5551	0.6990	6.29	15.01
Nov	2.5385	1.3419	0.2714	5.76	14.44	2.5385	0.7110	6.40	15.06

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)	
	\$ per cwt.	\$ per cwt.	\$ per lb.	\$ per lb.	\$ per lb.	\$ per cwt.	\$ per cwt.	
Sep 2017	0.18	03.54	2.8559	1.6988	0.2241	0.00083	18.19	
Oct	(0.03)	16.66	2.6646	2.1084	0.1853	0.00086	18.60	
Nov	(0.21)	16.67	2.5546	2.3412	0.1644	0.00088	19.09	
Dec	0.13	15.57	2.4951	2.0378	0.1070	0.00082	17.75	
Jan 2018	0.26	14.26	2.4531	1.6612	0.0787	0.00076	16.38	
Feb	0.19	13.59	2.3490	1.6265	0.0550	0.00074	15.70	
Mar	0.03	14.25	2.4273	1.8066	0.0556	0.00078	16.14	
Apr	0.07	14.54	2.5113	1.7810	0.0619	0.00079	16.48	
May	0.07	15.25	2.6239	1.8609	0.0742	0.00082	16.76	
Jun	0.19	15.40	2.6692	1.7478	0.1128	0.00081	16.33	
Jul	0.27	14.37	2.5287	1.4827	0.1422	0.00074	15.34	
Aug	0.13	15.08	2.6009	1.6245	0.1741	0.00078	16.24	
Sep	(0.07)	16.02	2.5442	2.0029	0.2098	0.00083	17.40	
Oct	0.22	15.75	2.5551	1.7185	0.2553	0.00078		
Nov	0.30	14.74	2.5385	1.3419	0.2714	0.00072		

Summary of Federal Order Data - November 2018

Uniform or Statistical Uniform Price at 3.5% Butterfat

	Federal Order Number / Name	Producer Deliveries	Class I Producer Receipts	Class I Utilization Percent	Class I Price — Dollar	Producer Price Differential rs per Cwt.—	FOB Market	FOB Cook Cty. Illinois Dollars per C	Change From Previous Year
1	Northeast	2,117,734	755,389	35.7	\$ 18.77	\$ 2.18	\$ 16.62	\$ 15.17	\$ (0.52)
5	Appalachian	471,759	352,758	74.8	18.92	n/a	18.12	16.52	(0.51)
6	Florida	218,408	186,412	85.4	20.92	n/a	20.12	16.52	(0.54)
7	Southeast	407,114	319,114	78.4	19.32	n/a	18.71	16.71	(0.36)
30	Upper Midwest	2,698,557	247,752	9.2	17.32	0.30	14.74	14.74	(1.93)
32	Central	1,421,583	422,701	29.7	17.52	0.78	15.22	15.02	(0.76)
33	Mideast	1,554,798	579,459	37.3	17.52	1.24	15.68	15.48	(0.56)
51	California	2,079,796	467,112	22.5	17.62	1.00	15.14	15.14	n/a
124	Pacific Northwest	724,157	149,804	20.7	17.42	0.78	15.22	15.12	(0.47)
126	Southwest	1,249,530	374,727	30.0	18.52	1.63	16.07	14.87	(0.69)
131	Arizona	414,263	108,201	26.1	17.87	n/a	15.69	15.14	(0.33)
All Market Average or Total *		13,357,699	3,963,429	29.7					

n/a = Not applicable.

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^{*} May not add due to rounding.