



UPPER MIDWEST DAIRY NEWS

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Inside This Issue:

STUDY: Component Levels in Milk 2

Computation of Producer Price Differential 4

Utilization and Classification 5

Commodity Prices and Market Statistics 6

Class Prices and Producer Prices 7



Dairy Situation and Outlook: Dairy Use Recovers - a Bit *

Dairy product sales apparently have begun to grow again after about a year of sluggishness. Commercial disappearance during July-September rose about 2 percent from a year earlier on a milk-fat basis and almost as much on a skim solids basis, mostly because of large increases in September. However, these increases do not mean that demand is back from its extended weakness. Summer prices were much below those of a year earlier, stimulating sales. Also, September 2001 sales were very weak as buyers had enough in the pipeline to slash purchases and let prices drop.

Despite the lack of a pronounced rebound, demand appears to have resumed slow growth. Summer sales were larger than 2 years ago and increases were fairly broad.

Rises in commercial use are expected to continue, favored by both dairy prices and some growth in the economy. Dairy demand is projected to continue to recover during the rest of 2002 and 2003, but rapid growth is not likely.

Sales of American cheese jumped 6 percent in July-September, following a 3-percent rise the preceding quarter. Restaurant use of these cheeses seems to have rebounded, as have retail sales. However, use of other varieties was just barely above a year earlier, similar to the pattern earlier in the year. Sales of Mozzarella were lower than a year earlier, reflecting continuing doldrums in the pizza market. Consumers reportedly have not shifted to pizza instead of more expensive restaura-

Continued on Page 2

Happy Holidays!

Pool Summary

- In November, 14,660 producers delivered to the market with an average daily delivery of 3,882 pounds.
- Producer milk totaled 1.68 billion pounds, up 10.3% on a daily basis from October.
- Class I utilization totaled 352 million pounds, up 1.9% on a daily basis from October.
- Class I usage accounted for 20.9% of producer milk.
- The November Producer Price Differential is \$0.59 per cwt.
- The Statistical Uniform Price is \$10.43 per cwt., down 60¢ from October and \$2.02 below November 2001.
- Market statistics for November are shown on Pages 4 and 5.

November 2002 Producer Milk by Class

	Percent	Product Pounds	Price \$/cwt.
Class I	20.9	351,596,401	12.40
Class II	2.2	37,236,977	11.26
Class III	75.3	1,263,511,359	9.84
Class IV	1.6	26,774,473	10.58
Total		1,679,119,210	

Continued from Page 1

rant meals, an atypical pattern during a period of economic weakness.

Butter sales were just slightly below a year earlier this summer, although September disappearance was much larger than last year's depressed level. Retail sales reportedly were larger. However, restaurant use was down, and retailers had not begun widespread, aggressive specialling. Disappearance of nonfat dry milk was still down

sharply this summer, the combination of sluggish ingredient use and increased competition from imported concentrated milk proteins. Even so, the drop of just less than a fifth was much smaller than the 30-percent drop during the first half of the year.

Fluid milk sales continued to run about the same to slightly larger than a year earlier. However, use of most perishable manufactured products still slipped. Ice

cream has not been able to benefit thus far from much more moderate milkfat prices and consumers seeking inexpensive treats.

★ **SOURCE:** "Livestock, Dairy and Poultry Outlook", LDP-M-101, November 15, 2002, Economic Research Service, USDA. For more information, contact James J. Miller, (202) 694-5184.

STUDY: Component Levels in Milk

Data on the butterfat, protein, other solids and solids-not-fat (SNF) levels and somatic cell count (SCC) were examined for producer milk associated with the Upper Midwest Order during 2001.

The study, published in **Staff Paper 02-02** was issued in December 2002, and is available on our web site at: www.fmms30.com. A paper copy can be obtained by calling the author, Henry Schaefer, toll free at (888) 301-8224, Ext. 208.

Results from the analysis include: market and state averages and seasonal variation in component levels and SCC, and statistical relationships among the four components in individual herd milk at the farm level.

The data for this study were collected for milk marketed in 2001 from producers associated with the Upper Midwest Milk Marketing Order. The former Chicago Regional and Upper Midwest Orders were combined on January 1, 2000 as part of the milk order consolidation and reform required by the 1996 Farm Bill.

Geographically, the Upper Midwest Order includes nearly all of Minnesota and Wisconsin and portions of the Dakotas, Illinois, Iowa and the Michigan

Upper Peninsula. (See map on Page 8.) Multiple component pricing (MCP), initially adopted in 1996, continued to be the basis for establishing the value of milk pooled under the new order. Under the MCP plan implemented, producer milk is priced on the basis of butterfat, protein and other solids, with adjustments for the somatic cell count (SCC).

The value of milk pooled on the former Chicago Regional and Upper Midwest Orders had been determined on the basis of multiple component pricing (MCP) since 1996. In this study, component prices from 2001 were applied to producer milk associated with the Upper Midwest Order, thus providing an opportunity to examine how component levels influence the value of producer milk.

Major findings of the analysis include:

- Weighted average component levels and SCC for 2001 were 3.70% butterfat, 3.01% protein, 5.70% other solids, 8.71% SNF and 336,000 SCC.
- For 2001, weighted average butterfat, protein and SNF levels were lowest in July and August and highest during the late fall and winter. In contrast, other solids levels varied

little during the year. Weighted average SCC were lowest in the winter and highest in August.

- Butterfat, protein, and SCC tests declined with increasing monthly average milk production, while other solids and solids-not-fat tests increased with increasing monthly milk production.
- In 2001, the range of monthly average component levels within one standard deviation of the mean was: 3.49% to 4.03% for butterfat; 2.85% to 3.19% for protein; 5.53% to 5.79% for other solids; 8.45% to 8.91% for SNF; and 184,000 to 572,000 for SCC.
- Based on the data for 2001, the following regression equations were derived:

$$\text{SNF} = 7.06534\% + 0.42925 \text{ (BF)}$$

$$\text{SNF} = 5.38415\% + 1.09176 \text{ (PRO)}$$

$$\text{PRO} = 1.47804\% + 0.40962 \text{ (BF)}$$
- The annual weighted average value of butterfat, protein, and other solids adjusted for SCC, was \$13.53 per cwt. for the market in 2001. Butterfat was the most valuable component, contributing a little more than half of the total value.

Weighted Average Levels of Selected Components and Somatic Cell Count in Milk by Month

2001

<u>Month</u>	<u>Butterfat</u> - % -	<u>Protein</u> - % -	<u>Other Solids</u> - % -	<u>Solids Not-Fat</u> - % -	<u>Somatic Cell Count</u> - 1,000 -
January	3.80	3.05	5.69	8.73	328
February	3.78	3.04	5.70	8.74	321
March	3.76	3.06	5.67	8.73	325
April	3.73	2.99	5.72	8.71	323
May	3.65	2.96	5.73	8.70	326
June	3.61	2.94	5.70	8.65	341
July	3.55	2.90	5.71	8.61	371
August	3.55	2.92	5.69	8.62	390
September	3.66	3.03	5.70	8.73	360
October	3.77	3.11	5.69	8.80	318
November	3.80	3.10	5.69	8.78	306
December	3.81	3.08	5.69	8.77	319
Minimum	3.55	2.90	5.67	8.61	306
Maximum	3.81	3.11	5.73	8.80	390
Annual Average	3.70	3.01	5.70	8.71	336

Upper Midwest Pool Statistics - November 2002

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	6	12,916,483	37,342,893	50,259,376	\$ 0	47,488,055	\$ 854,785
\$1.75	38	163,368,150	371,472,775	534,840,925	267,421	148,285,159	2,594,990
\$1.70	38	184,769,474	728,239,095	913,008,569	913,009	132,878,972	2,258,942
\$1.65	5	28,550,864	3,306,843	31,857,707	47,786	22,944,215	378,580
Other	0	0	149,152,633	149,152,633	294,620	0	0
Total	87	389,604,971	1,289,514,239	1,679,119,210	\$1,522,836	351,596,401	\$6,087,297

Computation of Producer Price Differential - November 2002

	Utilization Percentage	Product Pounds	Component Pounds	Rate	Value
Class I					
Differential Value					\$ 6,087,297.40
Product	20.9%	351,596,401			
Skim Milk			345,896,230	\$ 7.2000	24,904,528.54
Butterfat			5,700,171	1.0423	5,941,288.24
Class II					
Product	2.2%	37,236,977			
Nonfat Solids			2,741,410	0.8533	2,339,245.16
Butterfat			7,288,159	1.0993	8,011,873.19
Class III					
Product	75.3%	1,263,511,359			
Protein			39,254,992	1.8469	72,500,044.67
Other Solids			71,920,179	0.0850	6,113,215.45
Butterfat			47,429,754	1.0923	51,807,520.28
Class IV					
Product	1.6%	26,774,473			
Nonfat Solids			2,076,944	0.7777	1,615,239.35
Butterfat			4,021,590	1.0923	4,392,782.77
SCC Adjustment (Class II, III, and IV)					291,071.96
Total Producer Milk *		1,679,119,210			\$184,004,107.01
Add:					
Overage					40,027.67
Inventory Reclassified					(3,482.66)
Other Source Milk \$.60(h)					0.00
Other Source Milk \$.60(i)					0.00
Subtract:					
Transportation Credit					267,950.54
Assembly Credit					277,808.52
Credit for Reconstituted FMP					0.00
Producer Milk Protein					96,202,919.17
Producer Milk Other Solids					8,118,872.06
Producer Milk Butterfat					70,387,455.91
Producer Milk SCC Adjustment					403,107.08
Total Milk and Value		1,679,119,210			\$8,382,538.74
Add:					
Location Adjustment -- Producer and Unregulated Supply Plant Milk					1,522,835.77
One-Half Unobligated Balance Producer Settlement Fund					790,896.03
Total Value				0.637017	\$ 10,696,270.54
Subtract:					
Producer Settlement Fund Reserve				0.047017	789,467.20
Producer Price Differential **				\$0.59	\$9,906,803.34

* An estimated 51 million pounds of milk was not pooled.

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



Utilization and Classification

	November 2002		October 2002	November 2001
	Product Pounds	Butterfat Pounds	Product Pounds	Product Pounds
Class I Utilization:				
Packaged Disposition				
Milk	56,692,985	1,847,477	57,355,770	56,798,399
Flavored Milk	6,020,501	190,404	6,784,859	5,494,237
Reduced Fat Milk	133,050,446	2,609,119	135,389,465	136,219,119
Lowfat Milk	46,725,914	459,283	47,320,507	46,937,068
Fat Free Milk	85,709,356	91,326	86,969,895	85,552,189
Flavored Reduced and Fat Free Milk	32,013,294	542,785	31,553,659	28,373,315
Buttermilk	2,744,713	28,741	2,671,058	2,843,633
Total Packaged Disposition	362,957,209	5,769,135	368,045,213	362,217,960
Total Ending Inventory	30,635,582	495,496	33,364,166	36,095,147
Bulk to Nonpool Plants	627,987	8,915	1,139,168	1,107,495
Shrinkage	3,655,084	156,783	2,961,342	2,338,068
Total Class I Utilization	397,875,862	6,430,329	405,509,889	401,758,670
Other Order Plants	(11,599,511)	(201,026)	(6,061,091)	(23,213,433)
Beginning Inventory	(34,470,501)	(529,549)	(28,462,137)	(29,494,014)
Reused Products	0	0	0	0
Other Source Milk	(290,307)	(4,180)	(453,447)	(116,843)
Overage	0	0	0	--
Interhandler Adjustment	80,858	4,597	(51,791)	(64,130)
Class I Producer Milk	351,596,401	5,700,171	370,481,423	348,870,250
Class II Utilization:				
Total Class II Utilization	51,632,517	7,561,379	55,369,917	75,610,173
Other Order Plants	(4,261,317)	(28,853)	--	(4,797,495)
Beginning Inventory	(2,002,900)	(97,396)	(1,891,289)	(4,033,782)
Reused Products	(7,987,647)	(3,295)	(11,976,400)	(8,122,065)
Other Source Milk	(143,676)	(143,676)	(186,417)	(755,593)
Overage	0	0	0	(27,028)
Class II Producer Milk	37,236,977	7,288,159	41,315,811	57,874,210
Class III Utilization:				
Total Class III Utilization	1,311,419,123	48,808,802	1,161,985,912	1,383,541,328
Other Order Plants	(39,060,312)	(1,155,252)	(33,968,406)	(20,481,970)
Beginning Inventory	(5,795,606)	(98,984)	(5,104,445)	(9,338,628)
Reused Products	0	0	0	0
Other Source Milk	(2,966,780)	(108,596)	(4,238,955)	(8,120,574)
Overage	(85,066)	(16,216)	(70,518)	(119,632)
Class III Producer Milk	1,263,511,359	47,429,754	1,118,603,588	1,345,480,524
Class IV Utilization:				
Total Class IV Utilization	49,005,348	6,165,554	77,051,893	32,451,468
Other Order Plants	(6,603,802)	(769,722)	(9,881,873)	(5,221,470)
Beginning Inventory	(8,417,216)	(776,869)	(16,780,141)	(7,558,577)
Reused Products	0	0	0	0
Other Source Milk	(7,008,254)	(593,545)	(7,097,202)	(6,120,157)
Overage	(201,603)	(3,828)	(5,522)	(15,671)
Class IV Producer Milk	26,774,473	4,021,590	43,287,155	13,535,593
Total Producer Milk -- All Classes	1,679,119,210	64,439,674	1,573,687,977	1,765,760,577

-- Restricted Information

Commodity Prices

Month/Year	Weighted Monthly Average NASS Prices *						Weighted Two-Week Average NASS 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>					
Nov 2001	1.2354	1.1995	1.2322	1.3040	0.9349	0.2823	1.2207	1.1862	1.2182	1.3051	0.9342	0.2851
Dec	1.2733	1.2485	1.2762	1.2894	0.9199	0.2868	1.2897	1.2594	1.2895	1.2580	0.9222	0.2902
Jan 2002	1.2660	1.2790	1.2922	1.3324	0.9161	0.2747	1.2486	1.2624	1.2740	1.3335	0.9166	0.2810
Feb	1.2904	1.2590	1.2895	1.2480	0.9121	0.2334	1.2935	1.2518	1.2862	1.2316	0.9133	0.2347
Mar	1.2000	1.1834	1.2087	1.2333	0.9060	0.2066	1.1943	1.1751	1.2008	1.2411	0.9074	0.2077
Apr	1.2210	1.2085	1.2323	1.1720	0.8975	0.1948	1.2123	1.1986	1.2229	1.2088	0.8984	0.1979
May	1.2213	1.2133	1.2359	1.0525	0.8972	0.1759	1.2337	1.2315	1.2521	1.0643	0.8953	0.1827
Jun	1.1655	1.1438	1.1708	1.0343	0.9005	0.1639	1.1738	1.1524	1.1792	1.0533	0.9006	0.1663
Jul	1.0898	1.0768	1.1004	1.0112	0.9033	0.1545	1.1013	1.0847	1.1098	1.0188	0.9025	0.1552
Aug	1.1030	1.0996	1.1189	0.9925	0.9074	0.1571	1.1155	1.0993	1.1237	1.0010	0.9091	0.1559
Sep	1.1412	1.1155	1.1438	0.9431	0.9096	0.1755	1.1367	1.1159	1.1427	0.9297	0.9080	0.1703
Oct	1.2431	1.1391	1.2020	0.9945	0.9165	0.2131	1.2239	1.1366	1.1921	0.9697	0.9159	0.2081
Nov	1.1211	1.0733	1.1111	1.0107	0.9177	0.2223	1.1085	1.0610	1.0985	0.9991	0.9172	0.2234

Month/Year	Chicago Mercantile Exchange						
	Butter	Cheddar Cheese		Nonfat Dry Milk (Low/Medium Heat)		Whey Powder	
	Grade AA	Blocks	Barrels	Central & East **	West	Central	West
	<i>Dollars per Pound</i>						
Nov 2001	1.3481	1.2668	1.2105	n/a	0.9602	0.2979	0.2789
Dec	1.2793	1.2567	1.2500	n/a	0.9591	0.3016	0.2656
Jan 2002	1.3454	1.3242	1.2970	0.9396	0.9511	0.2689	0.2427
Feb	1.2427	1.2076	1.1797	0.9357	0.9434	0.2135	0.2257
Mar	1.2473	1.2130	1.1809	0.9218	0.9279	0.1963	0.2133
Apr	1.1712	1.2448	1.2177	0.9061	0.9134	0.1846	0.1948
May	1.0590	1.2009	1.1688	0.9174	0.9149	0.1691	0.1715
Jun	1.0427	1.1299	1.1051	0.9213	0.9138	0.1553	0.1591
Jul	1.0302	1.0889	1.0680	0.9275	0.9144	0.1566	0.1451
Aug	0.9752	1.1575	1.1252	0.9323	0.9210	0.1673	0.1546
Sep	0.9635	1.2041	1.1100	0.9468	0.9239	0.2051	0.1722
Oct	1.0315	1.1950	1.0970	0.9563	0.9263	0.2426	0.2043
Nov	1.0425	1.0891	1.0705	0.9578	0.9149	0.2245	0.2151

Market Statistics

Month/Year	Distributing Plants	Supply Plants	Coop .9(c) Handlers	Producers	Total Producer Milk	Estimated Average Daily Delivery	Class I Utilization	Butterfat Test	Protein Test	Other Solids Test	Weighted Average SCC
					Mil. lbs.	Pounds	Percent	Percent	Percent	Percent	
										(000)	
Nov 2001	27	59	10	15,418	1,766	3,869	19.7	3.82	3.10	5.69	316
Dec	26	59	10	14,670	1,834	4,088	18.6	3.82	3.08	5.69	330
Jan 2002	26	60	10	14,926	1,945	4,259	18.7	3.80	3.05	5.70	327
Feb	26	58	10	14,494	1,617	4,235	19.7	3.78	3.03	5.70	330
Mar	26	58	10	14,172	1,828	4,263	18.9	3.78	3.04	5.71	334
Apr	27	58	10	13,803	1,779	4,389	19.3	3.74	3.01	5.73	334
May	27	58	11	13,490	1,621	3,986	21.9	3.71	2.98	5.72	324
Jun	27	56	11	13,563	1,546	3,908	19.1	3.64	2.95	5.74	340
Jul	27	56	12	13,407	1,513	3,742	21.2	3.55	2.89	5.70	390
Aug	27	60	12	14,642	1,730	3,927	19.9	3.58	2.95	5.70	393
Sep	27	60	12	14,614	1,651	3,885	20.6	3.65	3.01	5.69	355
Oct	27	60	12	14,806	1,574	3,821	23.5	3.82	3.09	5.70	322
Nov	27	60	12	14,660	1,679	3,882	20.9	3.84	3.10	5.69	307

* NASS = National Agricultural Statistics Service, USDA.

** The Central and East markets are published as one price, effective January 2002.

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>
Nov 2001	1.8556	9.60	15.76	1.8736	11.40	17.56	1.4570	0.8844	7.96	12.78
Dec	1.4513	7.15	11.98	1.4693	8.95	13.78	1.4392	0.8722	7.85	12.61
Jan 2002	1.3939	7.34	11.96	1.4119	9.14	13.76	1.4916	0.8600	7.74	12.69
Feb	1.4860	6.99	11.95	1.5040	8.79	13.75	1.3887	0.8544	7.69	12.28
Mar	1.3617	7.10	11.62	1.3797	8.90	13.42	1.3708	0.8511	7.66	12.19
Apr	1.3733	6.91	11.47	1.3913	8.71	13.27	1.2960	0.8456	7.61	11.88
May	1.3339	6.83	11.26	1.3519	8.63	13.06	1.1503	0.8367	7.53	11.29
Jun	1.1577	7.23	11.03	1.1757	9.03	12.83	1.1281	0.8333	7.50	11.19
Jul	1.1443	6.85	10.62	1.1623	8.65	12.42	1.0999	0.8389	7.55	11.14
Aug	1.1022	6.86	10.48	1.1202	8.66	12.28	1.0771	0.8400	7.56	11.07
Sep	1.0805	6.92	10.46	1.0985	8.72	12.26	1.0169	0.8467	7.62	10.91
Oct	0.9935	6.91	10.15	1.0115	8.71	11.95	1.0796	0.8456	7.61	11.12
Nov	1.0423	7.20	10.60	1.0603	9.00	12.40	1.0993	0.8533	7.68	11.26
Dec	1.0782	6.99	10.52	1.0962	8.79	12.32		0.8544	7.69	

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>	
Nov 2001	1.4500	1.8045	0.1470	6.46	11.31	1.4500	0.7949	7.15	11.97	
Dec	1.4322	1.9782	0.1517	7.03	11.80	1.4322	0.7799	7.02	11.79	
Jan 2002	1.4846	1.9660	0.1392	6.92	11.87	1.4846	0.7761	6.98	11.93	
Feb	1.3817	2.0884	0.0965	7.04	11.63	1.3817	0.7721	6.95	11.54	
Mar	1.3638	1.8342	0.0688	6.09	10.65	1.3638	0.7660	6.89	11.42	
Apr	1.2890	2.0109	0.0566	6.57	10.85	1.2890	0.7575	6.82	11.09	
May	1.1433	2.2097	0.0371	7.07	10.82	1.1433	0.7572	6.81	10.57	
Jun	1.1211	2.0148	0.0247	6.39	10.09	1.1211	0.7605	6.84	10.52	
Jul	1.0929	1.8095	0.0150	5.70	9.33	1.0929	0.7633	6.87	10.45	
Aug	1.0701	1.9021	0.0177	6.00	9.54	1.0701	0.7674	6.91	10.41	
Sep	1.0099	2.0646	0.0367	6.62	9.92	1.0099	0.7696	6.93	10.22	
Oct	1.0726	2.1839	0.0755	7.22	10.72	1.0726	0.7765	6.99	10.50	
Nov	1.0923	1.8469	0.0850	6.23	9.84	1.0923	0.7777	7.00	10.58	

Producer Prices

Month/Year	Producer Price	Statistical Uniform Price	Butterfat Price	Protein Price	Other Solids Price	SCC Adjustment Rate	Producer Mailbox Price
	Differential	(at 3.50%)					(at test)
	<i>\$ per cwt.</i>	<i>\$ per cwt.</i>					<i>\$ per cwt.</i>
Sep 2001	0.38	16.28	2.4449	2.1647	0.1520	0.00085	16.50
Oct	0.15	14.75	1.6526	2.6664	0.1482	0.00078	15.18
Nov	1.14	12.45	1.4500	1.8045	0.1470	0.00062	13.44
Dec	0.39	12.19	1.4322	1.9782	0.1517	0.00064	13.17
Jan 2002	0.43	12.30	1.4846	1.9660	0.1392	0.00065	13.30
Feb	0.41	12.04	1.3817	2.0884	0.0965	0.00064	12.73
Mar	0.60	11.25	1.3638	1.8342	0.0688	0.00060	12.19
Apr	0.50	11.35	1.2890	2.0109	0.0566	0.00062	12.17
May	0.48	11.30	1.1433	2.2097	0.0371	0.00062	11.98
Jun	0.63	10.72	1.1211	2.0148	0.0247	0.00059	11.16
Jul	0.80	10.13	1.0929	1.8095	0.0150	0.00055	10.61
Aug	0.66	10.20	1.0701	1.9021	0.0177	0.00056	10.91
Sep	0.54	10.46	1.0099	2.0646	0.0367	0.00057	11.42
Oct	0.31	11.03	1.0726	2.1839	0.0755	0.00060	
Nov	0.59	10.43	1.0923	1.8469	0.0850	0.00056	

Summary of Federal Order Data - November 2002

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 <i>— Dollars per Cwt. —</i>	FOB Cook Cty. Illinois <i>— Dollars per Cwt. —</i>	Change From Previous Year
1 Northeast	1,970,843	930,134	47.2	\$ 13.85	\$ 2.47	\$ 12.31	\$ 10.86	\$ (2.97)
5 Appalachian	520,374	372,745	71.6	13.70	n/a	13.06	11.76	(3.70)
6 Florida	211,407	191,155	90.4	14.60	n/a	14.32	12.12	(4.27)
7 Southeast	591,123	399,465	67.6	13.70	n/a	12.84	11.54	(3.36)
30 Upper Midwest	1,679,119	351,596	20.9	12.40	0.59	10.43	10.43	(2.02)
32 Central	1,543,882	422,928	27.4	12.60	0.90	10.74	10.54	(2.43)
33 Mideast	1,320,780	568,215	43.0	12.60	1.33	11.17	10.97	(2.62)
124 Pacific Northwest	608,378	182,312	30.0	12.50	1.00	10.84	10.74	(2.46)
126 Southwest	738,152	343,927	46.6	13.60	2.13	11.97	10.77	(3.11)
131 Arizona-Las Vegas	235,257	81,206	34.5	12.95	n/a	11.14	10.59	(2.59)
135 Western	434,775	105,384	24.2	12.50	0.81	10.65	10.55	(2.22)
All Market Average or Total *	9,854,091	3,949,066	40.1					

n/a = Not applicable. * May not add due to rounding.

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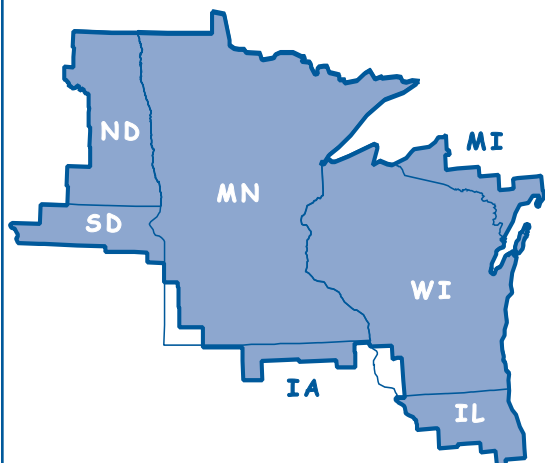
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