

The Market Administrator's Report

Facilitating the Efficient Marketing of Milk

Pacific Northwest and Arizona Marketing Areas

William A. Wise, Market Administrator

Volume 38, No. 8

August 2012

Data for July 2012

MARKET SUMMARIES FOR JULY

Pacific Northwest (FO 124)

Producers delivered a total of 435.6 million pounds of milk to the market during July. Daily deliveries averaged 14.1 million pounds, down 6.7 percent from June. An estimated 445 producers delivered milk to the market during the month. Daily deliveries per producer averaged 31,576 pounds, down 6.7 percent from June.

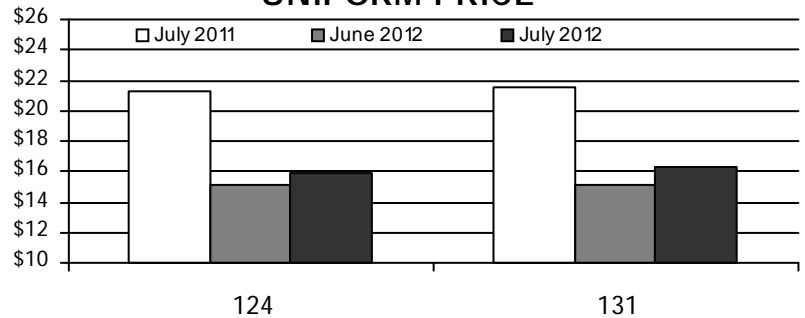
Class I producer milk during July totaled 172.6 million pounds, 39.6 percent of total producer receipts. Daily usage averaged 5.6 million pounds, down 5.8 percent from June. 🍴

Arizona (FO 131)

Producers delivered a total of 353.6 million pounds of milk to the market during July. Daily deliveries averaged 11.4 million pounds, down 12.6 percent from June. An estimated 94 producers delivered milk to the market during the month. Comparisons to June 2012 are biased due to historically eligible milk not pooled in July. Daily deliveries per producer averaged 121,360 pounds, down 12.6 percent from June.

Class I producer milk during July totaled 111.7 million pounds, 31.6 percent of total producer receipts. Daily usage averaged 3.6 million pounds, up 2.6 percent from June. 🍴

UNIFORM PRICE



Pool Quick Stats

Producer Prices & Component Levels	FO 124		FO 131	
	June	July	June	July
Uniform Price (at 3.5%)	\$15.06	\$15.94	\$15.18	\$16.29
Uniform Price (at test)	\$15.65	\$16.41	\$15.18	\$16.31
PPD	(\$0.57)	(\$0.74)		
Butterfat	\$1.4866	\$1.6556		n/a
Protein	\$2.8952	\$3.0430		
Other Solids	\$0.3113	\$0.3123		
Uniform Skim			\$10.35	\$10.98
Uniform Butterfat		n/a	\$1.4832	\$1.6276
Butterfat	3.698%	3.666%	3.500%	3.513%
Protein	3.087%	3.050%		
Other Solids	5.732%	5.767%		n/a

HIGHLIGHTS THIS ISSUE

- ✓ Cold Storage Report: Dairy Products
- ✓ 2011 US Total Farm Production Expenditures Highlights
- ✓ Agricultural Statistics Timeline, Part III: Era of Turbulent Growth

Federal Order Price Summaries

FINAL CLASS PRICES

The July 2012 Final Class Prices were calculated using AMS commodity price surveys from July 7, 14, 21, and 28, 2012. Current and archived Final Class Price announcements are available at www.fmmaseattle.com/finalprice.htm.

FINAL	Class I (FO124)	Class I (FO131)	Class II	Class II	Class IV	Butterfat	Protein	Other Solids	Nonfat Solids
June 2012	\$17.14	\$17.59	\$14.32	\$15.63	\$13.24	\$1.4866	\$2.8952	\$0.3113	\$0.9252
July 2012	\$17.41	\$17.86	\$14.51	\$16.68	\$14.45	\$1.6556	\$3.0430	\$0.3123	\$0.9965
Change	\$0.27	\$0.27	\$0.19	\$1.05	\$1.21	\$0.1690	\$0.1478	\$0.0010	\$0.0713

ADVANCED CLASS I PRICE

The September 2012 Advanced Price was calculated using AMS commodity price surveys from August 11 and 18, 2012. Current and archived Advanced Price announcements are available at www.fmmaseattle.com/advanceprice.htm.

ADVANCED	Butterfat	Class III Skim	Class IV Skim	Base Skim	Base Class I	Class I (FO124)	Class I (FO131)	Class II Skim	Class II Non-fat Solids
Aug 2012	\$1.6386	\$11.21	\$8.83	\$11.21	\$16.55	\$18.45	\$18.90	\$9.53	\$1.0589
Sep 2012	\$1.8361	\$11.57	\$9.66	\$11.57	\$17.59	\$19.49	\$19.94	\$10.36	\$1.1511
Change	\$0.1975	\$0.36	\$0.83	\$0.36	\$1.04	\$1.04	\$1.04	\$0.83	\$0.0922

Commodity Price Summaries

AMS COMMODITY PRICES FOR FINAL CLASS PRICES CALCULATION

	June	July	Change
Cheese	\$1.5846	\$1.6857	\$0.1011
Butter	\$1.3991	\$1.5386	\$0.1395
Nonfat Dry Milk	\$1.1023	\$1.1744	\$0.0721
Whey	\$0.5013	\$0.5023	\$0.0010


AMS COMMODITY PRICES FOR ADVANCED CLASS PRICES CALCULATION

	August	September	Change
Cheese	\$1.6781	\$1.7545	\$0.0764
Butter	\$1.5246	\$1.6877	\$0.1631
Nonfat Dry Milk	\$1.1588	\$1.2518	\$0.0930
Whey	\$0.4944	\$0.5350	\$0.0406

CURRENT COMMODITY PRICES

The AMS survey of cheddar cheese prices showed an increase in price received for 40-pound blocks and a net increase for 500-pound barrels. The survey of 40-pound blocks showed an increase of 11.07 cents between the July 14 and the August 18 surveys, to \$1.7552 per pound. The survey of 500-pound barrels (adjusted to 38% moisture) showed a net increase of 8.81 cents to \$1.7811 per pound.

The AMS butter price showed a net increase of 17.72 cents between the weeks ending July 14 and August 18 from \$1.5382 per pound to \$1.7154 per pound. The AMS nonfat dry milk showed an increase of 9.89 cents since mid-July to \$1.2575 per pound. The average price for AMS whey showed a net increase of 4.51 cents since mid-July to \$0.5399 per pound.

A current summary of various commodity prices is available at www.fmmaseattle.com/prices.htm. 

Industry News

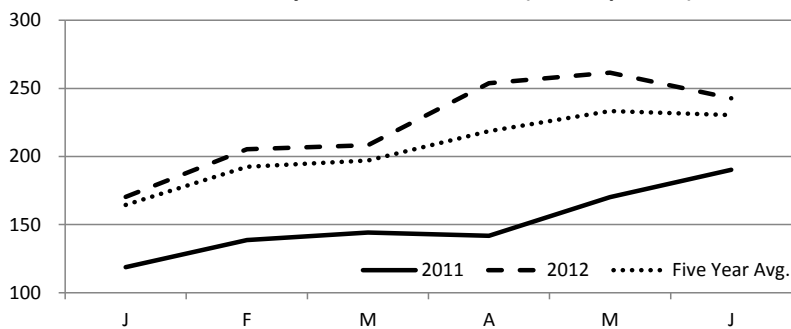
COLD STORAGE REPORTS: DAIRY PRODUCTS

Each month, USDA's National Agricultural Statistics Service releases a summary of Nuts, Dairy Products, Frozen Eggs, and Frozen Poultry in Cold Storage. The surveyed dairy products include butter and natural cheese (predominately American type).

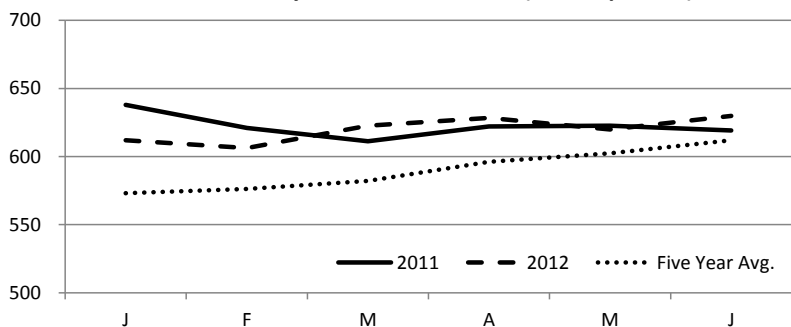
For the first six months of 2012, butter stocks were higher than 2011 levels, averaging 48 percent higher over the six month period. Stocks were lowest in January 2011 at 118.8 million pounds and highest in May 2012 at 261.6 million pounds. Compared to the same months for the past five years, butter stocks for 2012 were slightly above average.

American type cheese stocks in cold storage were steady for the first six months of 2011 and 2012. Stocks stayed within the 600-650 million pound range, above the average for the applicable months over the past five years. 🍷

**Butter Stocks in All Warehouses
January-June 2011 and 2012 (million pounds)**



**American Cheese Stocks in All Warehouses
January-June 2011 and 2012 (million pounds)**



Source: Compiled from data published in "Cold Storage" reports published by USDA, National Agricultural Statistics Service

2011 US TOTAL FARM PRODUCTION EXPENDITURES HIGHLIGHTS

Farm Production Expenditures in the United States is estimated at \$318.7 billion for 2011, up from \$289.1 billion in 2010. The 2011 Total expenditures rose 10.2 percent compared with 2010 Total expenditures. All expenditure items except Interest and Labor increased from the previous year.

The four largest expenditures at the United States level totaled \$147.1 billion and accounted for 46.1 percent of Total expenditures in 2011. They are: Feed, 17.1 percent, Farm services, 11.6 percent, Livestock, poultry and related expenses, 9.0 percent, and Labor, 8.4 percent.

In 2011, the United States Total farm expenditure average per farm is \$146,653 compared with \$131,821 in 2010, an increase of 11.3 percent. On average, United States farm operations spent \$25,129 on Feed, \$17,075 on Farm services, \$13,163 on Livestock, poultry and related expenses, and \$12,334 on Labor. For 2010, United States farms spent an average of \$20,705 on Feed, \$16,281 on Farm services, \$11,128 on Livestock, poultry and related expenses, and \$12,450 on Labor.

The top three average expenses per farm with the largest dollar increase are: Feed, up \$4,424 or 21.4 percent, Livestock, poultry and related expenses, up \$2,035, or 18.3 percent, and Fertilizer, lime and soil conditioners, up \$1,975, or 20.6 percent.

For further information on USDA farm expenditures, please visit: www.nass.usda.gov/Statistics_by_Subject/index.php. 🍷

Source: Excerpted from Farm Production Expenditures 2011 Summary (August 2012), USDA, National Agricultural Statistics Service

Agricultural Statistics: A Historical Timeline

*The trials and errors of the early 1900s lay a strong foundation for successfully expanding agricultural data collection as necessitated by World War I. Statisticians begin to explore using various statistical tools and objective yield methods to improve the accuracy of data collection.
The below is excerpted from the Timeline.*

Year	Population & Farm Count	Part III: Era of Turbulent Growth
1900-1903	Pop: 76,212,168 Farms: 5,739,657	USDA appoints full-time regional field agents responsible for gathering additional information on crops and livestock to check the returns received by the county and township correspondents. Electric tabulating machines are used in preparing and aggregating data for the 1900 Census of Agriculture.
1903-1909	Pop: 76,212,168 Farms: 5,739,657	Agricultural statistics report procedures consist of three individuals reviewing survey indications shortly before a report is scheduled for release. At the request of President Roosevelt, the Secretary of Agriculture initiates an investigation into complaints that Government reports were used to help stock gamblers. The investigation revealed that one of the three men responsible for reviewing cotton estimates provided a cotton trader with advance information. Enhanced security procedures do not deter the men, and the data leak continued until 1905 when the cotton trader unwittingly revealed the arrangement. In 1909 Congress enacts a law making it a crime for federal employees to disclose crop estimates prematurely.
1910-1916	Pop: 92,228,496 Farms: 6,366,044	The Bureau of Statistics begins annual collection of data on prices farmers pay for 74 commodities. The first objective determination of crop acreages begins when a statistician counts the number of fields devoted to each crop from a train window during his travels. To calculate averages and ratios, a statistical agent begins using a small, circular slide rule called an omnimeter. The instrument is used to calculate crop production based on survey data.
1921-1925	Pop: 106,021,537 Farms: 6,453,991	Peg strips are introduced to assist statisticians in quickly reviewing data. Once the questionnaires are returned, they are sorted by county or other category onto peg strips. This simple technique ensures quick, repeatable totals and averages for large sample surveys. The invention of the crop meter, an instrument that attaches to an automobile's speedometer, allows statisticians to measure frontage of crops along highways. The comptometer, a key-driven mechanical calculator, gains popularity throughout the Bureau of Agricultural Economics.
1933-1939	Pop: 123,202,624 Farms: 6,295,103	The Agricultural Adjustment Act is enacted on May 12, 1933. Drought in the Corn Belt and the Great Plains necessitates many special services, including mid-month crop forecasts, determination of feed needs, allocation of feed and movement of cattle out of drought areas. German and Slovakia invade Poland, initiating World War II. The Division of Agricultural Statistics conducts special studies of inventory of farm products, processing facilities, and issues involving production, processing and distribution under war defense situations.

Industry News



USDA AT 150 YEARS: THE AGRICULTURAL MARKETING AGREEMENT ACT OF 1937

The Market Administrator's report for August features the years 1900-1939 of the NASS Agricultural Statistics Timeline. It was during this time period that the Agricultural Marketing Agreement Act of 1937 (AMAA) was enacted. The AMAA is the foundational legislation for Federal Orders, declared by Congress to "establish and maintain such orderly marketing conditions for agricultural commodities in interstate commerce." Federal Orders, in their mission to facilitate the marketing of milk, use many of the data compilation techniques to process milk handler data quickly and accurately, as well as publish market information for the dairy industry. 🐄

FUEL UP TO PLAY 60: GET MOVING



It is almost time for kids to head back to school, and launch another great year of the Fuel Up to Play 60 program. This program is founded by the National Dairy Council and NFL, in collaboration with USDA, that empowers students to take charge in making small, everyday changes at school.

For the 2012-2013 school year, the program has added a new blog written by students, for students. The student blog is available at: <http://blog.fueluptoplay60.com/>

To find out more information about this program, visit www.fueluptoplay60.com. 🐄

AN INTRODUCTION IN THE USE OF LIVESTOCK GROSS MARGIN INSURANCE FOR DAIRY MARGIN PROTECTION

A series of workshops will be conducted over September 18-20, 2012, with the objective of providing an overview of USDA Risk Management Agency's Livestock Gross Margin Insurance for Dairy Cattle. Dairy farm operators, agricultural lenders, insurance providers and other dairy industry professionals are encouraged to attend. Workshop participants will learn to remove some of the margin risk due to fluctuating milk and feed prices. Participants will also gain experience in the use of a sophisticated web-based decision tools.

These workshops are hosted by University of Idaho Extension, University of Wisconsin Extension and USDA's Risk Management Agency.

They will be held at the following times and locations:

Tuesday, September 18:

University of Idaho-Extension, Southern District Office
1904 East Chicago Street, Caldwell, Idaho
(208) 454-7674

Wednesday, September 19:

Best Western Plus/Burley Inn & Convention Center
800 N Overland Avenue, Burley, Idaho
(208) 678-3501

Thursday, September 20:

Canyon Crest Event Center
330 Canyon Crest Drive, Twin Falls, Idaho
(208) 733-9392

Workshop cost & payment method:

\$15.00 to help defray refreshment and lunch costs (in advance); \$20.00 day of workshop

Payment Method - On-Line: Credit Card

Registration website: https://events.uwex.uwc.edu/cos/getdemo.ei?id=28004&s=_2PW0M60ZS

Payment Method - U.S. Mail/Fax: Credit Card, Check

Registration Form can be obtained from: <http://future.aae.wisc.edu/LGM-Dairy/DairyRevenueWorkshops.pdf>

Questions/Contact Person:

Prof. Brian W. Gould, University of Wisconsin Extension and Department of Agricultural and Applied Economics
(608) 263-3212, bwgould@wisc.edu 🐄

Source: USDA Risk Management Agency, www.rma.usda.gov

Monthly Selected Statistics

PRICE & POOL DATA	PACIFIC NORTHWEST				ARIZONA			
	Jul 2012	Jun 2012	Jul 2011	Jun 2011	Jul 2012	Jun 2012	Jul 2011	Jun 2011
Minimum Class Prices (3.5% B.F.)								
Class I Milk (\$/cwt)	\$17.41	\$17.14	\$22.93	\$22.22	\$17.86	\$17.59	\$23.38	\$22.67
Class II Milk (\$/cwt)	14.51	14.32	21.29	21.37	14.51	14.32	21.29	21.37
Class III Milk (\$/cwt)	16.68	15.63	21.39	19.11	16.68	15.63	21.39	19.11
Class IV Milk (\$/cwt)	14.45	13.24	20.33	21.05	14.45	13.24	20.33	21.05
Producer Prices								
Producer Price Differential (\$/cwt)	(\$0.74)	(\$0.57)	(\$0.05)	\$1.49	+	+	+	+
Butterfat (\$/pound)	1.6556	1.4866	2.2511	2.3702	+	+	+	+
Protein (\$/pound)	3.0430	2.8952	3.8292	2.9807	+	+	+	+
Other Solids (\$/pound)	0.3123	0.3113	0.3608	0.3339	+	+	+	+
Uniform Skim Price (\$/cwt)	+	+	+	+	\$10.98	\$10.35	\$14.10	\$13.22
Uniform Butterfat Price (\$/pound)	+	+	+	+	1.6276	1.4832	2.2788	2.3602
Statistical Uniform Price (\$/cwt)	\$15.94	\$15.06	\$21.34	\$20.60	\$16.29	\$15.18	\$21.58	\$21.02
Producer Data								
Number of Producers	445	445	631	632	94	94	97	101
Avg. Daily Production (pounds)	31,576	33,847	37,524	37,180	121,360	138,880	117,672	125,352
Producer Milk Ratios								
Class I	39.63%	39.23%	23.44%	25.14%	31.59%	26.92%	31.12%	28.05%
Class II	9.94%	9.09%	6.04%	6.78%	10.42%	8.00%	7.77%	7.67%
Class III	10.73%	11.94%	40.48%	41.04%	27.84%	27.39%	26.79%	29.99%
Class IV	39.70%	39.74%	30.04%	27.04%	30.15%	37.69%	34.32%	34.29%

+ Not Applicable. Preliminary data indicated in **bold**.

Monthly Supplemental Statistics

SUPPLEMENTAL DATA	PACIFIC NORTHWEST				ARIZONA			
	Jun 2012	May 2012	Jun 2011	May 2011	Jun 2012	May 2012	Jun 2011	May 2011
Number of Handlers								
Pool Handlers	22	25	26	25	7	7	7	7
<i>Distributing Plants</i>	14	14	14	14	5	5	5	5
<i>Supply Plants 1/</i>	3	6	7	6	1	1	1	1
<i>Cooperatives</i>	5	5	5	5	1	1	1	1
Producer-Handlers	5	5	5	5	0	0	0	0
Other Plants w/ Class I Use	17	17	19	17	22	23	21	22
Class I Route Disposition In Area								
By Pool Plants	160,755,423	171,652,703	159,297,477	171,640,655	82,739,092	88,416,227	82,645,028	89,819,576
By Producer-Handlers	7,167,469	7,316,718	6,969,291	7,259,036	0	0	0	0
By Other Plants	8,631,969	8,279,644	7,177,733	7,608,440	5,526,198	5,961,734	4,750,644	6,110,834
Total	176,554,861	187,249,065	173,444,501	186,508,131	88,265,290	94,377,961	87,395,672	95,930,410
Producer-Handler Data								
% Class I Use	68.37%	66.40%	59.44%	62.34%	0.00%	0.00%	0.00%	0.00%
% of Total In-Area Route Dispositions	4.06%	3.91%	4.02%	3.89%	0.00%	0.00%	0.00%	0.00%

Preliminary data indicated in **bold**. 1/ Includes Cooperative Pool Manufacturing Plants.

Monthly Statistical Summary

RECEIPTS & UTILIZATION	PACIFIC NORTHWEST				ARIZONA			
	Jul 2012	Jun 2012	Jul 2011	Jun 2011	Jul 2012	Jun 2012	Jul 2011	Jun 2011
<i>Receipts of Milk</i>								
Total Producer Milk	435,584,626	451,852,327	734,010,174	704,931,430	353,643,122	391,640,883	353,839,106	379,816,821
Receipts From Other Sources	10,384,401	8,574,216	13,873,742	15,674,113	5,141,362	4,747,176	4,942,048	13,178,288
Opening Inventory	28,627,826	25,611,353	37,115,691	37,647,255	19,857,544	21,030,554	22,017,684	20,674,642
Total To Be Accounted For	474,596,853	486,037,896	784,999,607	758,252,798	378,642,028	417,418,613	380,798,838	413,669,751
<i>Utilization of Receipts</i>								
Whole milk	32,801,627	32,629,955	32,991,292	31,657,798	23,909,110	23,357,854	24,153,728	22,852,969
Flavored milk & drinks	7,333,733	8,977,416	6,620,164	8,709,109	2,576,808	2,419,382	2,782,158	2,344,423
2% milk	66,798,594	67,405,014	67,799,315	66,323,286	32,721,897	31,982,751	34,052,366	32,061,163
1% milk	24,693,647	25,527,422	24,467,843	24,797,738	14,164,220	14,087,134	14,724,654	13,973,169
Skim milk	24,598,838	24,818,229	26,141,920	26,441,720	10,237,797	10,525,803	11,519,945	11,046,008
Buttermilk	1,500,711	1,397,387	1,410,341	1,367,826	456,997	366,168	356,532	367,296
Class I dispositions in area	157,727,150	160,755,423	159,430,875	159,297,477	84,066,829	82,739,092	87,589,383	82,645,028
Class I dispositions out of area	12,917,958	14,607,204	16,204,556	15,931,568	25,599,657	23,873,958	23,807,751	23,879,091
Other Class I usage	17,875,242	16,742,759	14,064,110	18,886,161	13,493,954	11,402,762	11,668,846	12,862,053
<i>Utilization by Class</i>								
Total Class I Use	188,520,350	192,105,386	189,699,541	194,115,206	123,160,440	118,015,812	123,065,980	119,386,172
Total Class II Use	50,334,583	47,868,912	50,432,063	54,802,736	37,741,932	32,282,848	28,142,322	29,738,861
Total Class III Use	46,840,662	53,940,341	297,167,412	292,367,270	100,370,349	107,651,106	95,082,672	113,913,114
Total Class IV Use	188,901,258	192,123,257	247,700,591	216,967,586	117,369,307	159,468,847	134,507,864	150,631,604
Total Accounted For	474,596,853	486,037,896	784,999,607	758,252,798	378,642,028	417,418,613	380,798,838	413,669,751

CLASSIFICATION OF RECEIPTS	PACIFIC NORTHWEST				ARIZONA			
	Jul 2012	Jun 2012	Jul 2011	Jun 2011	Jul 2012	Jun 2012	Jul 2011	Jun 2011
<i>Producer milk</i>								
Class I	172,603,206	177,265,221	172,045,873	177,243,411	111,731,453	105,418,369	110,116,914	106,530,415
Class II	43,310,934	41,091,298	44,355,279	47,794,528	36,847,496	31,319,009	27,504,404	29,133,991
Class III	46,724,505	53,940,341	297,162,464	289,310,460	98,445,062	107,276,636	94,804,878	113,892,602
Class IV	172,945,981	179,555,467	220,446,558	190,583,031	106,619,111	147,626,869	121,412,910	130,259,813
<i>Other receipts</i>								
Class I	15,917,144	14,840,165	17,653,668	16,871,795	11,428,987	12,597,443	12,949,066	12,855,757
Class II	7,023,649	6,777,614	6,076,784	7,008,208	1/	1/	1/	1/
Class III	116,157	0	4,948	3,056,810	1/	1/	1/	1/
Class IV	15,955,277	12,567,790	27,254,033	26,384,555	13,569,919	13,180,287	14,010,666	20,997,173
<i>Avg. daily producer receipts</i>	14,051,117	15,061,744	23,677,748	23,497,714	11,407,843	13,054,696	11,414,165	12,660,561
Change From Previous Year	-40.66%	-35.90%	7.00%	7.00%	-0.06%	3.11%	4.73%	5.92%
<i>Avg. daily Class I use</i>	6,081,302	6,403,513	6,119,340	6,470,507	3,972,917	3,933,860	3,969,870	3,979,539
Change From Previous Year	-0.62%	-1.04%	-3.70%	0.40%	0.08%	-1.15%	-1.48%	0.00%

1/ Restricted - Included with Class IV.



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Contact Information

Bothell Office

1930 220th Street SE, Suite 102
Bothell, Washington 98021-8471

Phone: (425) 487-6009
Fax: (425) 487-2775
E-mail:

fmmaseattle@fmmaseattle.com

Phoenix Office

10050 N 25th Avenue, Suite 302
Phoenix, Arizona 85021-1664

Phone: (602) 547-2909
Fax: (602) 547-2906
E-mail: ma@fmma.net

Visit the MA website

www.fmmaseattle.com

FEDERAL ORDER STATISTICS FOR JULY

Federal Order Name (Number)	Producer Deliveries	Class I Receipts	Class I Utilization	Class I Price	Uniform Price
	<i>- million pounds -</i>			<i>- per cwt (at location) -</i>	
Northeast (FO 1)	2,037.8	759.8	37.29%	\$18.76	\$17.26
Appalachian (FO 5)	464.0	318.1	68.54%	\$18.91	\$18.04
Florida (FO 6)	223.5	185.8	83.12%	\$20.91	\$20.20
Southeast (FO 7)	504.1	351.8	69.80%	\$19.31	\$18.64
Upper Midwest (FO 30)	2,235.0	296.1	13.25%	\$17.31	\$16.66
Central (FO 32)	898.0	374.0	41.65%	\$17.51	\$16.29
Mideast (FO 33)	1,259.3	472.5	37.52%	\$17.51	\$16.39
Pacific Northwest (FO 124)	435.6	172.6	39.63%	\$17.41	\$15.94
Southwest (FO 126)	569.5	326.4	57.32%	\$18.51	\$17.19
Arizona (FO 131)	353.6	111.7	31.59%	\$17.86	\$16.29

For links to Market Administrator's webpages, see www.fmmaseattle.com/dairyreferences.htm.