



Federal Milk Market Administrator
U.S. Department of Agriculture

UPPER MIDWEST DAIRY NEWS

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Cheese Prices Down in August

Cheese prices on the Chicago Mercantile Exchange (CME) were down from July, but still higher than last year, as shown in **Figure 1** below.

The CME barrel cheddar cheese price on August 24 was \$1.87½ per pound, down 6¼¢ from July 25, but 39¢ above last year. Meanwhile, the CME 40-pound cheddar cheese block price on August 24 was \$1.76 per pound, down 19½¢ from last month, but fractionally above a year earlier.

The CME butter price on August 24 was \$3.00 per pound, up 7¢ from last month and \$1.28½ above last year. The butter price has been above \$2.90 since early June, peaking at \$3.06 in August, and above \$2.50 nearly all of 2022. Both streaks are an unprecedented run of prices at that level. The record high butter price is \$3.13½.

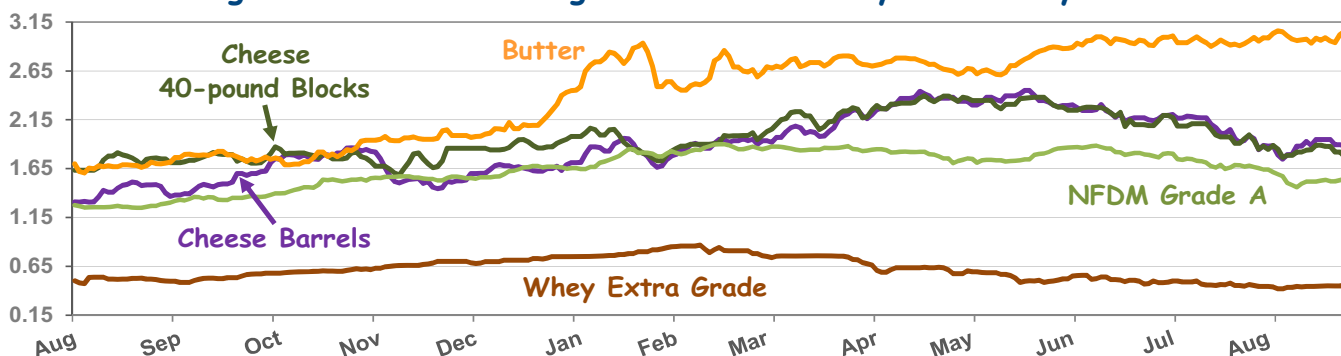
The August 24 price for nonfat dry milk (NFDM) on the CME was \$1.54 per pound, down 13¢ from July 25, but 27¢ above last year.

The CME whey price on August 24 was \$0.46 per pound, up 1¼¢ from last month, but 6¢ below last year. The whey price has been on a downward trend since early February, and like NFDM, reversed direction from its general upward trend of the last two years.

The Federal order Class III price for July is \$22.52, down \$1.81 from June, but \$6.03 above a year ago.

The August 24 CME Class III futures market has the price declining to \$20 for the next three months, before heading back above \$21 for November and December.

Chicago Mercantile Exchange - Selected Dairy Commodity Prices *



* Prices depicted are dollars per pound for each day that trading occurred from August 1, 2021 through August 24, 2022.

Pool Summary

- In July, producer milk was 2.6 billion pounds, up 0.5% daily from June and 35% above the July 2021 volume.
- Class I use was 154 million pounds, a record low for the second consecutive month, down 9% daily from June and 22% below last year. In July, Class I use was 6.0% of total producer milk, also a record low for the market.
- The July 2022 Producer Price Differential (PPD) was \$0.41 per cwt., its highest level since the end of 2015.
- The F.O. 30 Statistical Uniform Price in July was \$22.93 per cwt., down \$1.70 from June, but \$6.19 above last year.
- Market statistics for July are shown on Pages 6 and 7.

July 2022 Producer Milk by Class

	Percent	Product Pounds	Price \$/cwt.
Class I	6.0	154,205,541	27.67
Class II	1.0	26,475,214	26.66
Class III	91.9	2,374,359,178	22.52
Class IV	1.1	29,243,856	25.79
Total		2,584,283,789	

Where are Milk and Dairy Products Produced?

Consistent with most years, United States milk production increased in 2021. Total production increased 1.3% on a daily basis from 2020 to a record 226.3 billion pounds, up 2.9 billion pounds.

This article addresses the question, *'Where is the Milk Produced?'*, in terms of geographic milk production as well as selected dairy product manufacturing regionally.

The map graphics displayed here illustrate regional production of milk, cheese, butter, nonfat dry milk, and yogurt. The top number shown in each region provides the proportion of total 2021 U.S. production for the respective product. The bottom number provides the percentage change in production over an 11-year period, comparing 2011 with 2021. Comparisons made to 2020 and 2000 in the narrative portion of this article are adjusted for number of days, because both of those years were leap years.

The bar charts included here depict regional and U.S. production of milk, cheese, butter, nonfat dry milk, and yogurt annually for 2000 through 2021 to provide a context of the trends over time as well as the variations from year to year.

Milk Production

U.S. milk production of 226.3 billion pounds in 2021 was up 15.3% from 2011, and as mentioned earlier, was up 1.6% from 2020. Since 1990, there have only been five years during which

Chart 1
Annual U.S. & Regional Milk Production*
2000 - 2021

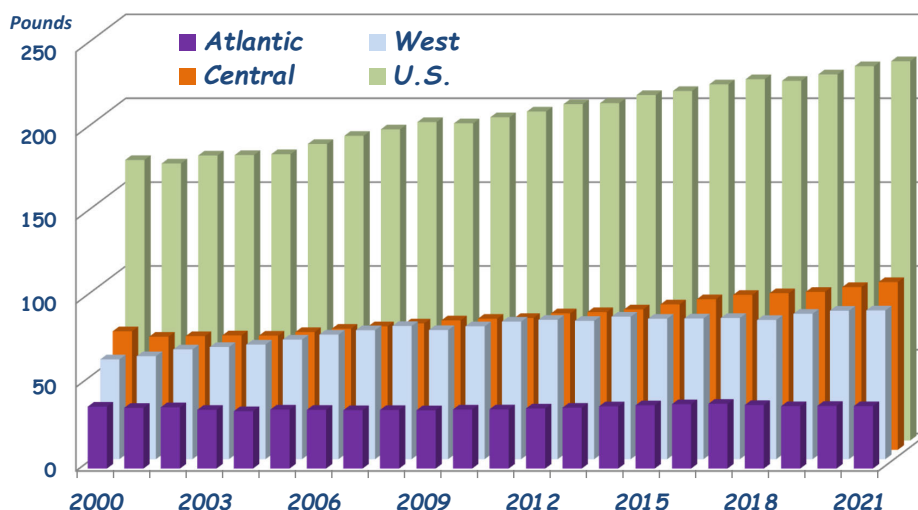
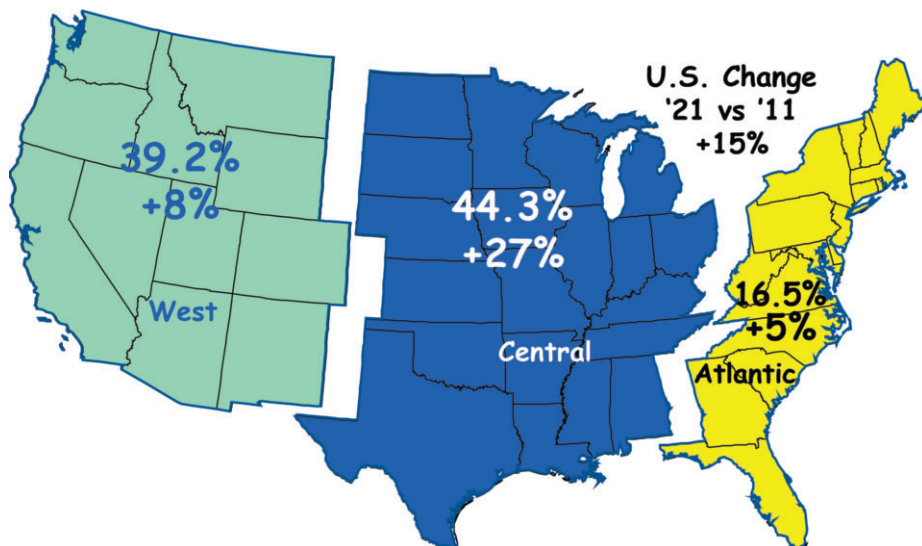


Figure 1 - Milk Production *

2021 Regional Milk Production as a Percentage of Total U.S. Milk Production with Percentage Change for 2021 vs 2011



total milk production decreased from year-earlier levels -- 1991, 1993, 1996, 2001 and 2009. Consequently, U.S. milk production has set a new record volume each year since 2010.

The *West and Central Regions* increased milk production 8% and 27%, respectively, from 2011 levels, while the *Atlantic Region's* production gained 5%. The *Central Region* accounted for 44.3% of total U.S. production, up 4.2 percentage points from 2011 and 2.0 percentage points above 2000. The *West Region* accounted for 39.2% of U.S. milk production in 2021, down 2.6 percentage points from 2011 as production increased at a slower rate than the other regions. The *Atlantic Region* accounted for the smallest portion of

the 2021 total at 16.5%, down 1.6 percentage points compared with 2011. U.S. milk production in 2021 increased 30 billion pounds from 2011, and jumped 59 billion pounds, or 26%, from 2000.

Cheese Production

U.S. cheese production of 13.7 billion pounds in 2021 was 3.8% above 2020, and 29% higher than 2011. Wisconsin was the leading cheese producing state with 25% of the total, followed by California with 18%, Idaho and New Mexico at 7%, New York at 6%, and Minnesota with 5.6%.

Chart 2
Annual U.S. & Regional Cheese Production -- 2000-2021 **

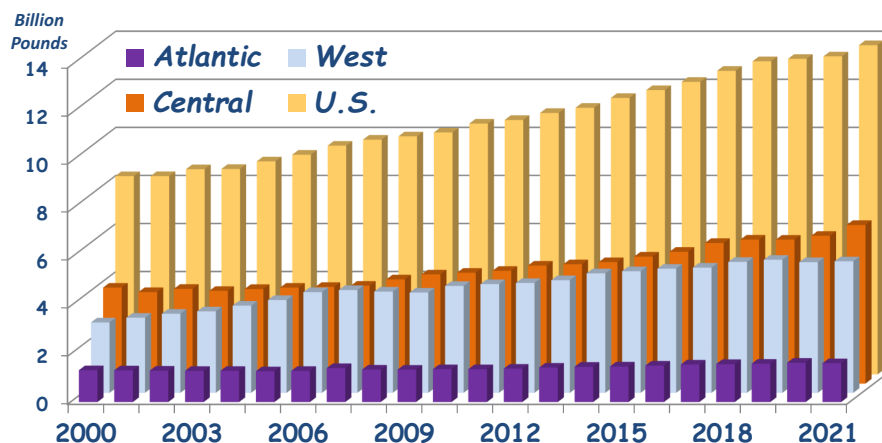
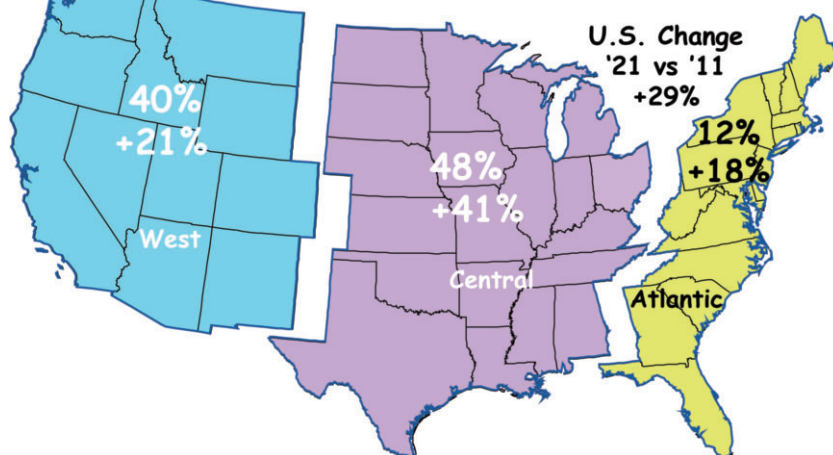


Figure 2 - Cheese Production

2021 Regional Cheese Production as a Percentage of Total U.S.
Production with Percentage Change for 2021 vs 2011 **



As depicted by **Figure 2**, all three regions recorded large increases in cheese production from 2011 to 2021. Since each pound of cheese produced requires about ten pounds of milk, more than 138 billion pounds of milk was manufactured into cheese across the country in 2021, using more than 61% of U.S. milk production.

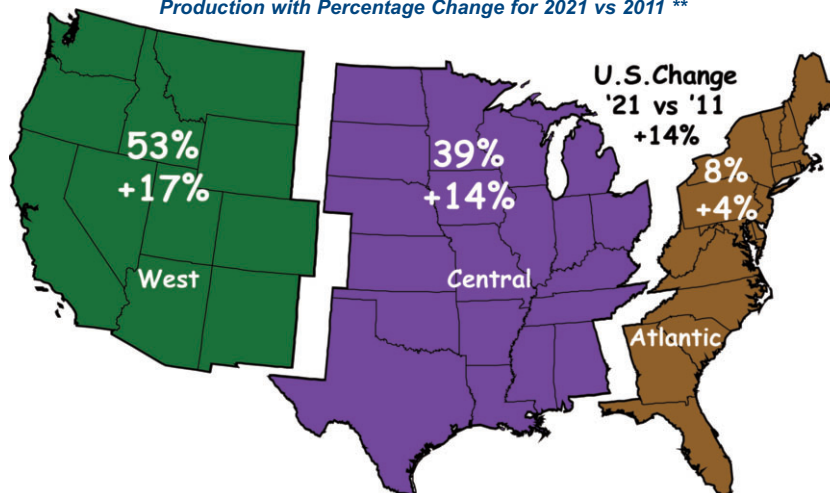
Milk used in cheese production in the **Central Region** increased 19 billion pounds from 2011 to 2021, while milk production rose 21 billion pounds in this region during the same time period. In the **West Region**, milk used in cheese increased nearly ten billion pounds during the 11-year period, with milk pro-

The additional milk used in cheese production in 2021 compared to 2011 was more than 31 billion pounds. During that time, U.S. milk production increased 30 billion pounds, so that increased volume all went into cheese production.

As seen in **Chart 2** above, U.S. cheese production has experienced a steady upward trend since 2000, with every year showing a gain in production. The 4.1% rise from 2016 to 2017 was the largest, with several increases of 0.5% or less.

Figure 3 - Butter Production

2021 Regional Butter Production as a Percentage of Total U.S.
Production with Percentage Change for 2021 vs 2011 **



duction increasing seven billion pounds, indicating an increasing portion of the milk in the region moving into cheese.

Butter Production

U.S. butter production totaled 2.1 billion pounds during 2021, down 3.2% from 2020, but increasing 14.5% from 2011 and jumping 65% from 2000. California was the leading butter producing state, with nearly 33% of the production in 2021.

butter production have ranged from a decline of more than 8% from 2002 to 2003 and an increase of nearly 16% from 2010 to 2011.

Fluctuations have also been evident in the regions, resulting in shifts in the share of production by region. The shifting is most evident in the *West Region*, which accounted for a peak of 54% of total production in 2010, and a low of 41% in 2002. The variability, however, was also evident, in the

Central Region, with its share ranging from a high of 48% in 2002 to a low of 37% in 2010. The *West Region* became the largest region in 2006 when it passed the *Central Region*.

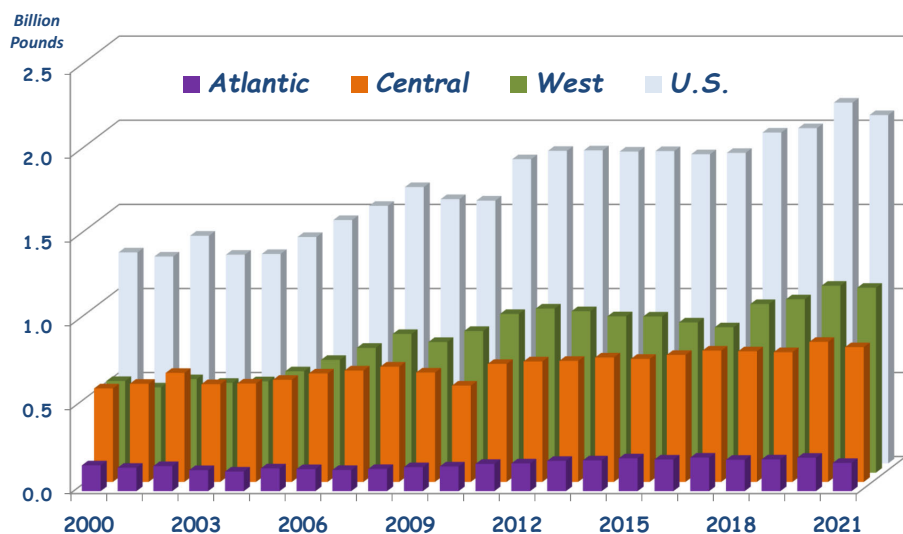
Nonfat Dry Milk Production

U.S. nonfat dry milk (NFD) production in 2021 of 2.0 billion pounds increased 35% from 2011 and 40% from 2000. As depicted in *Figure 4* below, the *Central and Atlantic Regions* posted production increases of 151% and 108%, respectively, from 2011 to 2021. Together, these two regions accounted for 36% of NFD produced in the U.S. in 2021, up from a 21% share in 2011.

Production of NFD has varied from year to year to an even greater extent than butter production, with changes ranging from a decline of 16% in 2013, followed by a jump of 19.4% in 2014, and 20.3% in 2018. Since 2000, about a third of the time production was down year over year, with nearly two thirds showing increases.

Chart 3

Annual U.S. & Regional Butter Production -- 2000-2021 **



As depicted by *Figure 3* on Page 3, the *Atlantic Region* in 2021 posted an increase of 4% over 2011 and accounted for only 8% of production. The *Atlantic Region's* production was down 15% from 2020, while the *Central and West Regions* posted decreases of 3.5% and 0.8%, respectively.

Butter production has fluctuated more since 2000 than milk and cheese production, as seen in the butter bar chart, *Chart 3*. This variability is at least partially from changes in demand based on health perceptions of butter. As a result, year-to-year changes in U.S.

Figure 4 - Nonfat Dry Milk Production

2021 Regional NFD Production as a Percentage of Total U.S. Production with Percentage Change for 2021 vs 2011 **

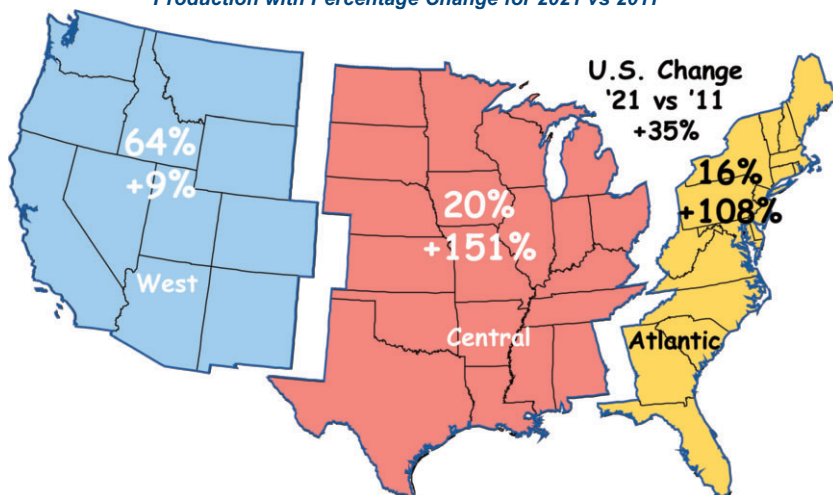
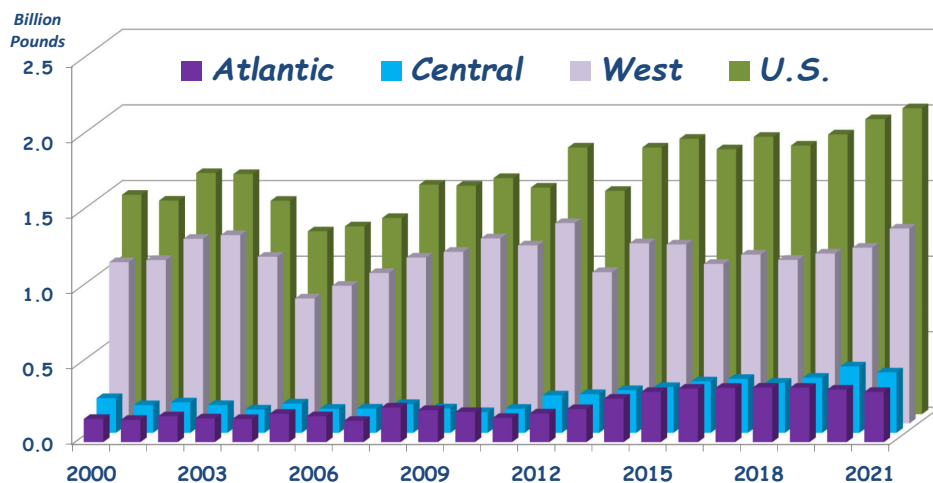


Chart 4
Annual U.S. & Regional NFDM Production -- 2000-2021 **



The *Atlantic Region* and *Central Region* recorded increases of just more than 4% in production from 2011, while the *West Region* posted a 31% gain.

The *Central Region* accounted for 42% of the yogurt produced in the U.S. in 2021, however, its share declined by nearly 10 percentage points from 2000, while the *West Regions* and *Atlantic Regions'* proportions had increases of 8.3 and 0.9 percentage points, respectively, during the period.

Yogurt Production

Yogurt production in the U.S. in 2021 totaled 4.7 billion pounds, up 5.5% from 2020, and 11% above 2011. As depicted by *Figure 5*, 2021 yogurt production increased in all three regions from 2011.

Total U.S. yogurt production peaked at nearly 4.8 billion pounds in 2014, nearly 2.5 times more than 2000 production. Regionally, the *Atlantic Region* nearly tripled with a 167% gain, while the *West Region* more than tripled, jumping 262%. The *Central Region* more than doubled during the period, posting a 113% gain.

Figure 5 - Yogurt Production

2021 Regional Yogurt Production as a Percentage of Total U.S.
Production with Percentage Change for 2021 vs 2011 **

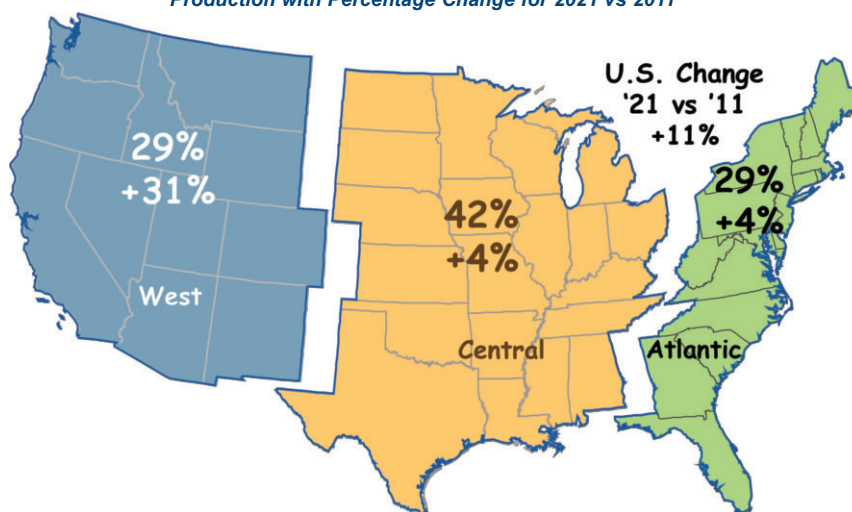
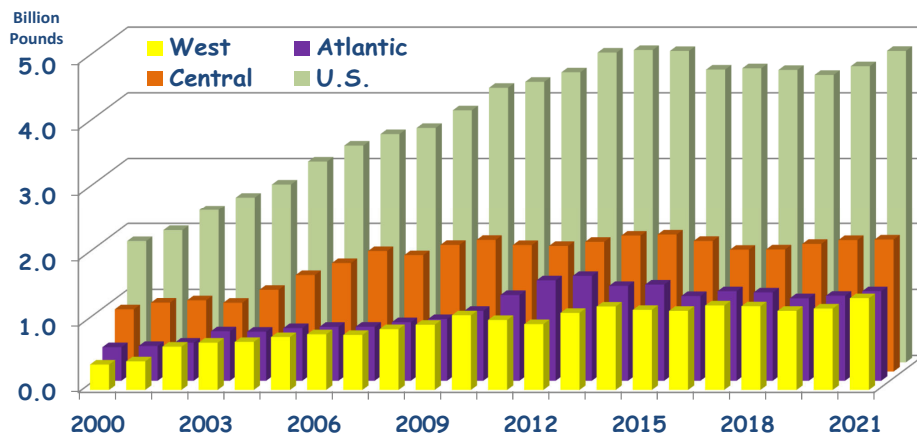


Chart 5
Annual U.S. & Regional Yogurt Production -- 2000-2021 **



* Source: NASS: Milk Production. The issues released in February each year contain annual volumes.

In addition, NASS occasionally releases Milk Cows and Production--Final Estimates. The issues relevant here were released in April 2004, March 2009, September 2014, and May 2019.

** Source: NASS: Dairy Products annual summaries, generally released in April of each year.

Computation of Producer Price Differential - July 2022

	Utilization Percentage	Product Pounds	Component Pounds	Rate	Value
Class I					
Differential Value					\$ 2,643,072.33
Product	6.0%	154,205,541			
Skim Milk			151,170,685	\$14.64	22,131,388.31
Butterfat			3,034,856	3.3543	10,179,817.49
Class II					
Product	1.0%	26,475,214			
Nonfat Solids			2,013,397	1.7133	3,449,553.07
Butterfat			4,450,491	3.3670	14,984,803.19
Class III					
Product	91.9%	2,374,359,178			
Protein			73,374,912	2.9116	213,638,393.75
Other Solids			137,559,842	0.3596	49,466,519.23
Butterfat			88,554,299	3.3600	297,542,444.64
Class IV					
Product	1.1%	29,243,856			
Nonfat Solids			2,213,077	1.6160	3,576,332.43
Butterfat			5,151,710	3.3600	17,309,745.60
SCC Adjustment (Class II, III, and IV)					4,218,179.05
Total Producer Milk *		2,584,283,789			\$ 639,140,249.09
Add:					
Overage					24,486.84
Inventory Reclassified					(147,034.65)
Other Source Milk \$.60(h)					0.00
Other Source Milk \$.60(i)					0.00
Subtract:					
Transportation Credit					3,497.85
Assembly Credit					122,586.48
Credit for Reconstituted FMP					0.00
Producer Milk Protein					231,951,297.92
Producer Milk Other Solids					53,722,760.27
Producer Milk Butterfat					340,002,956.16
Producer Milk SCC Adjustment					4,475,940.41
Total Milk and Value		2,584,283,789			\$ 8,738,662.19
Add:					
Location Adjustment -- Producer and Unregulated Supply Plant Milk					1,946,013.47
One-Half Unobligated Balance Producer Settlement Fund					1,182,306.32
Total Value				0.459198	\$ 11,866,981.98
Subtract: Producer Settlement Fund Reserve				0.049198	1,271,418.45
Producer Price Differential **				\$ 0.41	\$ 10,595,563.53

* An estimated 1.5 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 - July 2022

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
Cwt.	Number	Pounds	Pounds	Pounds	Value	Pounds
\$1.80	3	5,975,961	5,477,979	11,453,940	\$ 0	2,886,072
\$1.75	24	94,196,845	1,282,383,060	1,376,579,905	688,290	46,643,292
\$1.70 ***	25	119,852,831	1,076,397,113	1,196,249,944	1,257,723	104,676,177
Total	52	220,025,637	2,364,258,152	2,584,283,789	\$1,946,013	154,205,541
						\$2,643,072

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

Utilization and Classification of Milk

	July 2022		June 2022	July 2021
	Product Pounds	Butterfat Pounds	Product Pounds	Product Pounds
Class I Utilization:				
Packaged Disposition				
Milk	35,567,792	1,185,399	39,804,202	44,160,427
Flavored Milk	3,103,196	108,374	2,920,980	3,071,028
Reduced Fat Milk	57,189,328	1,114,795	63,086,135	74,748,595
Lowfat Milk	27,769,293	262,275	29,372,576	34,450,895
Fat Free Milk	17,362,983	19,338	18,855,981	22,311,411
Flavored Reduced and Fat Free Milk	11,590,850	135,911	12,891,489	15,458,731
Buttermilk	1,522,275	15,248	1,734,635	1,831,199
Total Packaged Disposition	154,105,717	2,841,340	168,665,998	196,032,286
Total Ending Inventory	17,114,216	313,146	16,233,210	18,033,374
Bulk to Nonpool Plants	719,173	21,806	728,260	1,355,258
Shrinkage	1,808,155	211,752	2,721,301	2,602,913
Total Class I Utilization	173,747,261	3,388,044	188,348,769	218,023,831
Other Order Plants	(3,303,115)	(70,969)	(3,101,941)	(2,372,672)
Beginning Inventory	(16,233,210)	(281,455)	(21,112,872)	(18,618,696)
Reused Products	0	0	0	0
Other Source Milk	(150,233)	(2,530)	(71,209)	(310,998)
Overage	0	0	0	0
Interhandler Adjustment	144,838	1,766	(297,409)	(5,330)
Class I Producer Milk	154,205,541	3,034,856	163,765,338	196,716,135
Class II Utilization:				
Total Class II Utilization	31,132,655	4,744,161	37,032,348	101,798,009
Other Order Plants	--	--	--	--
Beginning Inventory	(1,211,353)	(159,491)	(2,083,949)	(1,114,803)
Reused Products	(3,316,045)	(4,136)	(4,636,664)	(4,409,620)
Other Source Milk	(130,043)	(130,043)	(637,021)	(370,086)
Overage	0	0	0	0
Class II Producer Milk	26,475,214	4,450,491	29,674,714	95,903,500
Class III Utilization:				
Total Class III Utilization	2,382,414,475	88,678,047	2,286,832,094	1,465,834,535
Other Order Plants	--	--	--	0
Beginning Inventory	(4,605,186)	(35,084)	(4,248,635)	(1,433,943)
Reused Products	--	--	--	--
Other Source Milk	(3,424,980)	(87,823)	(3,614,282)	(153,726)
Overage	(25,131)	(841)	(163,933)	(38,379)
Class III Producer Milk	2,374,359,178	88,554,299	2,278,805,244	1,464,208,487
Class IV Utilization:				
Total Class IV Utilization	181,309,163	12,862,563	162,846,042	219,138,652
Other Order Plants	(3,499,972)	(189,128)	(2,117,696)	(2,680,794)
Beginning Inventory	(7,287,198)	(740,804)	(8,343,478)	(15,074,256)
Reused Products	0	0	0	0
Other Source Milk	(141,240,379)	(6,776,733)	(137,031,839)	(39,570,716)
Overage	(37,758)	(4,188)	(35,192)	(210,369)
Class IV Producer Milk	29,243,856	5,151,710	15,317,837	161,602,517
Total Producer Milk -- All Classes	2,584,283,789	101,191,356	2,487,563,133	1,918,430,639

-- 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>					
Jul 2021	1.5948	1.5663	1.5956	1.7401	1.2552	0.6050	1.5614	1.5636	1.5779	1.7446	1.2531	0.6095
Aug	1.6902	1.4371	1.5680	1.6998	1.2660	0.5617	1.6557	1.4376	1.5499	1.7035	1.2622	0.5700
Sep	1.7761	1.4873	1.6411	1.7725	1.2816	0.5336	1.7698	1.4686	1.6242	1.7752	1.2822	0.5310
Oct	1.8070	1.7011	1.7698	1.7746	1.3598	0.5447	1.8028	1.6908	1.7624	1.7436	1.3497	0.5385
Nov	1.7605	1.7272	1.7588	1.9503	1.4769	0.5825	1.7763	1.8025	1.8046	1.9171	1.4612	0.5729
Dec	1.8633	1.6263	1.7542	2.0641	1.5471	0.6391	1.8637	1.6104	1.7516	2.0427	1.5385	0.6316
Jan 2022	1.9787	1.7951	1.8978	2.6130	1.6488	0.7087	1.9512	1.7270	1.8482	2.4454	1.6240	0.6863
Feb	1.9091	1.8746	1.9068	2.6668	1.7284	0.7800	1.9051	1.8478	1.8906	2.6354	1.7062	0.7660
Mar	2.0748	2.0066	2.0548	2.7260	1.7954	0.7943	2.0740	2.0064	2.0537	2.7395	1.7963	0.7922
Apr	2.2759	2.2759	2.2910	2.7694	1.8314	0.7394	2.2512	2.2372	2.2594	2.7622	1.8306	0.7508
May	2.3798	2.4187	2.4161	2.7360	1.8095	0.6707	2.3886	2.4086	2.4153	2.7089	1.8292	0.6844
Jun	2.3214	2.3472	2.3498	2.9232	1.8156	0.6161	2.3254	2.3485	2.3502	2.9414	1.8202	0.6182
Jul	2.1622	2.2054	2.2019	2.9461	1.8001	0.5482	2.1822	2.2270	2.2234	2.9697	1.8324	0.5348
Aug							1.9999	1.9994	2.0161	2.9957	1.7190	0.5069

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>									
Jul 2021	1.6912	1.6370	1.4774	1.2485	0.5263	1.2513	1.2506	0.5835	0.5559	0.5858
Aug	1.6815	1.7217	1.4158	1.2673	0.5160	1.2514	1.2599	0.5544	0.4995	0.5515
Sep	1.7756	1.7601	1.5319	1.3527	0.5376	1.3454	1.3413	0.5320	0.4955	0.5381
Oct	1.8002	1.7798	1.8008	1.4949	0.6040	1.4718	1.4583	0.5513	0.5285	0.5666
Nov	1.9714	1.7408	1.5375	1.5570	0.6749	1.5605	1.5499	0.6134	0.5746	0.6178
Dec	2.1536	1.8930	1.6548	1.6290	0.7205	1.6041	1.5927	0.6484	0.6646	0.6795
Jan 2022	2.7203	1.9065	1.8204	1.7640	0.7855	1.7430	1.7473	0.7078	0.7293	0.7371
Feb	2.6196	1.9379	1.9038	1.8571	0.8218	1.8829	1.8598	0.7872	0.7898	0.7863
Mar	2.7346	2.1699	2.0774	1.8549	0.7420	1.9045	1.8688	0.7944	0.7452	0.7784
Apr	2.7169	2.3399	2.3489	1.7956	0.6174	1.8940	1.8257	0.7257	0.6917	0.7124
May	2.7514	2.3293	2.3567	1.7708	0.5373	1.7898	1.7742	0.6637	0.6110	0.6304
Jun	2.9546	2.1902	2.2077	1.8286	0.5138	1.8736	1.8493	0.6086	0.5647	0.5770
Jul	2.9506	2.0581	2.0143	1.6984	0.4694	1.7705	1.7450	0.5545	0.5070	0.5266

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
					<i>Mil. lbs.</i>	<i>Pounds</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>(000)</i>
May 2021	13	42	9	3,975	939	7,616	21.6	3.98	3.14	5.79	170
Jun	13	41	10	4,595	1,284	9,302	14.6	3.90	3.08	5.79	179
Jul	14	41	10	5,748	1,918	10,765	10.3	3.89	3.08	5.79	193
Aug	12	43	10	6,008	2,077	11,124	9.7	3.89	3.09	5.80	197
Sep	12	43	10	6,418	2,264	11,750	9.2	3.96	3.13	5.80	209
Oct	12	41	10	4,621	1,447	10,091	14.5	4.02	3.16	5.81	178
Nov	12	41	10	5,186	1,923	12,355	11.4	4.21	3.28	5.80	162
Dec	12	41	10	5,424	2,263	13,453	9.8	4.24	3.29	5.79	160
Jan 2022	12	41	11	5,553	2,495	14,489	8.5	4.25	3.30	5.79	165
Feb	13	41	8	5,557	2,390	15,358	8.2	4.23	3.29	5.79	163
Mar	13	41	9	5,797	2,759	15,349	7.7	4.17	3.25	5.79	159
Apr	12	41	9	5,117	2,350	15,306	8.6	4.10	3.21	5.78	154
May	12	41	9	4,490	2,075	14,898	9.5	4.02	3.15	5.80	161
Jun	12	41	9		2,488		6.6	3.95	3.12	5.80	177
Jul	11	41	9		2,584		6.0	3.92	3.08	5.78	193

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>
Jul 2021	1.9590	10.95	17.42	1.9770	12.75	19.22	1.9066	1.1700	10.53	16.83
Aug	1.9050	10.60	16.90	1.9230	12.40	18.70	1.8578	1.1522	10.37	16.51
Sep	1.8553	10.46	16.59	1.8733	12.26	18.39	1.9458	1.1611	10.45	16.89
Oct	1.9421	10.66	17.08	1.9601	12.46	18.88	1.9484	1.1811	10.63	17.08
Nov	1.9038	11.73	17.98	1.9218	13.53	19.78	2.1611	1.2478	11.23	18.40
Dec	2.1139	12.20	19.17	2.1319	14.00	20.97	2.2989	1.3578	12.22	19.84
Jan 2022	2.2660	12.21	19.71	2.2840	14.01	21.51	2.9637	1.4344	12.91	22.83
Feb	2.7537	12.44	21.64	2.7717	14.24	23.44	3.0288	1.5189	13.67	23.79
Mar	2.9838	12.89	22.88	3.0018	14.69	24.68	3.1005	1.6011	14.41	24.76
Apr	3.1098	13.98	24.38	3.1278	15.78	26.18	3.1531	1.6900	15.21	25.71
May	3.1373	14.99	25.45	3.1553	16.79	27.25	3.1126	1.7244	15.52	25.87
Jun	3.0728	15.66	25.87	3.0908	17.46	27.67	3.3393	1.7222	15.50	26.65
Jul	3.3543	14.64	25.87	3.3723	16.44	27.67	3.3670	1.7133	15.42	26.66
Aug	3.3886	13.75	25.13	3.4066	15.55	26.93		1.7256	15.53	
Sep	3.4201	12.07	23.62	3.4381	13.87	25.42		1.6133	14.52	

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>
Jul 2021	1.8996	2.4957	0.4181	10.20	16.49	1.8996	1.0765	9.69	16.00
Aug	1.8508	2.4582	0.3735	9.82	15.95	1.8508	1.0872	9.78	15.92
Sep	1.9388	2.6010	0.3445	10.10	16.53	1.9388	1.1027	9.92	16.36
Oct	1.9414	3.0130	0.3560	11.44	17.83	1.9414	1.1801	10.62	17.04
Nov	2.1541	2.7536	0.3949	10.87	18.03	2.1541	1.2960	11.66	18.79
Dec	2.2919	2.5937	0.4532	10.71	18.36	2.2919	1.3655	12.29	19.88
Jan 2022	2.9567	2.3563	0.5249	10.40	20.38	2.9567	1.4662	13.20	23.09
Feb	3.0218	2.3168	0.5983	10.71	20.91	3.0218	1.5450	13.91	24.00
Mar	3.0935	2.7182	0.6131	12.04	22.45	3.0935	1.6113	14.50	24.82
Apr	3.1461	3.4239	0.5565	13.90	24.42	3.1461	1.6470	14.82	25.31
May	3.1056	3.8696	0.4857	14.86	25.21	3.1056	1.6253	14.63	24.99
Jun	3.3323	3.4173	0.4295	13.13	24.33	3.3323	1.6313	14.68	25.83
Jul	3.3600	2.9116	0.3596	11.15	22.52	3.3600	1.6160	14.54	25.79

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>
May 2021	(1.44)	17.52	1.9851	3.1307	0.4645	0.00091	19.72
Jun	0.17	17.38	1.9641	2.5834	0.4579	0.00082	18.20
Jul	0.25	16.74	1.8996	2.4957	0.4181	0.00080	17.50
Aug	0.27	16.22	1.8508	2.4582	0.3735	0.00078	17.20
Sep	0.18	16.71	1.9388	2.6010	0.3445	0.00082	18.07
Oct	(0.16)	17.67	1.9414	3.0130	0.3560	0.00088	19.43
Nov	0.18	18.21	2.1541	2.7536	0.3949	0.00088	20.57
Dec	0.25	18.61	2.2919	2.5937	0.4532	0.00088	21.28
Jan 2022	0.21	20.59	2.9567	2.3563	0.5249	0.00095	23.36
Feb	0.28	21.19	3.0218	2.3168	0.5983	0.00095	23.85
Mar	0.21	22.66	3.0935	2.7182	0.6131	0.00103	25.10
Apr	0.13	24.55	3.1461	3.4239	0.5565	0.00115	26.48
May	0.13	25.34	3.1056	3.8696	0.4857	0.00121	26.74
Jun	0.30	24.63	3.3323	3.4173	0.4295	0.00117	
Jul	0.41	22.93	3.3600	2.9116	0.3596	0.00110	

Summary of Federal Order Data - July 2022

Federal Order Number / Name	Producer Deliveries	Class I Producer Receipts	Class I Utilization	Class I Price	Producer Price Differential	Uniform or Statistical Uniform Price at 3.5% Butterfat		
						FOB Market	FOB Cook Cty. Illinois	Change From Previous Year
	— Thousand Pounds —		Percent		— Dollars per Cwt. —		Dollars per Cwt.	
1 Northeast	2,286,450	615,863	26.9	29.12	\$3.84	\$26.36	\$24.91	\$8.30
5 Appalachian	418,950	284,627	67.9	29.27	n/a	28.14	26.54	8.53
6 Florida	189,208	153,836	81.3	31.27	n/a	30.29	26.69	8.31
7 Southeast	305,952	213,818	69.9	29.67	n/a	28.71	26.71	8.91
30 Upper Midwest	2,584,284	154,206	6.0	27.67	0.41	22.93	22.93	6.19
32 Central	1,337,035	332,935	24.9	27.87	1.79	24.31	24.11	7.47
33 Mideast	1,314,345	468,938	35.7	27.87	2.18	24.70	24.50	7.45
51 California	1,742,722	359,284	20.6	27.97	1.70	24.22	23.92	7.28
124 Pacific Northwest	649,880	123,892	19.1	27.77	1.96	24.48	24.38	7.71
126 Southwest	1,077,855	285,646	26.5	28.87	2.28	24.80	23.60	7.15
131 Arizona	394,730	101,131	25.6	28.22	n/a	25.44	24.89	8.17
All Market Average or Total *	12,301,412	3,094,175	25.2					

n/a = Not applicable.

* May not add due to rounding.

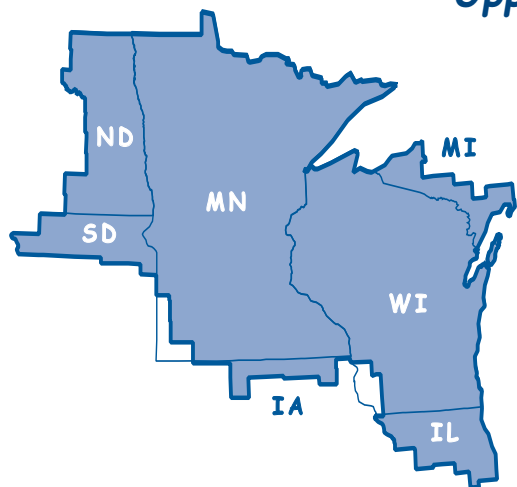
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