

CDE DAIRY MARKETS & MANAGEMENT UPDATE

All prices — MAR. 5, 2025 — except where noted

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Markets and milk production: Looking at the recent Milk Production report, we saw the U.S. milk supply dropped 0.2% from 2023's 226.3 to 225.9 billion pounds for 2024. Milk production peaked in March 2024, when it totaled 19.7 billion pounds that month. Production reached its lowest for 2024 in November at 18.0 billion pounds. From 2015 to 2025, U.S. annual milk production has increased 8.3%.

herds from 2023 to 2024. Pennsylvania follows closely behind with 4,850 herds and a 90-herd decrease year over year. New York experienced a 150-herd drop from 3,030 to 2,880 herds from 2023 to 2024.

When we look at the state level, Pennsylvania's annual milk production dipped 0.7% from 2023's 9.859 billion pounds to 9.782 billion in 2024. California felt a 1.5% drop in milk production year over year.

Shifting focus to January 2025, we noticed Pennsylvania milk production totaled 842 million pounds, up 0.8% year over year.

Traveling north, South Dakota's milk production significantly increased by 10.3% from 2023 to 2024. As more dairy processing facilities come online, South Dakota created the optimal conditions to see growth in their dairy industry and for farm expansion.

Pennsylvania milk cow numbers are holding steady from January 2024 to 2025 at 465,000 head. Production per cow increased 15 pounds from 1,795 pounds in January 2024 and 1,810 pounds in January 2025.

Heading down south, the milk supply in New Mexico experienced a steep 11.0% decrease from 2023 to 2024. New Mexico's 2024 milk output decline can be attributed to scorching heatwaves and highly pathogenic avian influenza (HPAI) taking a toll on the Southwestern state's dairy cattle.

South Dakota and Texas experienced 6.5% growth in milk production year over year. Meanwhile, California felt a 5.7% drop in production from January 2024 to 2025.

The U.S. annual average milk output per cow increased 61 pounds from 2023's 24,117 to 24,178. Cow efficiency has greatly improved over the last decade with production per cow up 8.1% from 2015.

California's drop in production can be chalked up to the last- ing, negative effects of the highly pathogenic avian influenza (HPAI) on many of their dairy herds.

Pennsylvania's annual average milk production per cow was 21,037 pounds, up 150 pounds from 2023's average. U.S milk cow numbers averaged 9.34 million head for 2024, a 42,000 head decrease from 2023's 9.38 million.

To get insights into USDA and other dairy reports, tune into the Center for Dairy Excellence's new mini "Protecting Your Profits" podcast series, "Dairy Report Rundown."

Pennsylvania's milk cow numbers held strong at 465,000 throughout all four quarters of 2024 but was down 1,000 head from 2023's 466,000.

In these short monthly podcast episodes, we interview dairy industry professionals to get their takes and perspectives on the data and trends in these reports.

For 2024, the total number of licensed dairy herds in the U.S. totaled 24,811, down 1,434 herds from 26,245 herds in 2023.

These mini episodes are designed for listeners to fit into their business schedules and can be found on most streaming platforms.

Wisconsin led the states with 5,520 herds in total but lost 400

Visit www.centerfordairyexcellence.org/pyp to subscribe and give it a listen.

Prices change daily. This market information is an example for educational purposes. The market data shown below are compiled weekly by Farmshine, via CME & USDA reports.

Also, we hope you'll join us for the March "Protecting Your Profits" webinar, where Michael Sherman with Pennsylvania FSA Outreach will cover what dairy farmers need to know about the Dairy Margin Coverage program and how to enroll.

Visit www.centerfordairyexcellence.org/events for more information about how to join.

CME DAILY FUTURES & OPTIONS TRADING — MAR. 5, 2025 AT THE CLOSE

	MAR-25	APR-25	MAY-25	JUN-25	JUL-25	AUG-25	SEP-25	OCT-25	NOV-25	DEC-25	JAN-26	FEB-26	TREND												
CLASS III MILK FUTURES (\$/CWT) vs. wk ago: Mar-Jun25 down \$0.50-1.25; rest of board down \$0.10-0.35.	18.27	17.36	17.78	17.46	17.87	18.13	18.27	18.36	18.19	18.06	18.00	18.00	12-Month Avg. 17.97 ↓↓												
CLASS IV MILK FUTURES (\$/CWT) vs. wk ago: Mar25 down \$0.30; Apr-Jun25 down \$1.30, rest of board down \$0.05-0.15.	18.73	18.59	18.48	17.94	18.23	18.64	18.94	19.09	19.19	19.45	19.01	19.01	12-Month Avg. 18.78 ↓↓												
MILK BASIS (MAILBOX minus CLASS 3 \$/CWT) 2018-23 AVG FOR NORTHEAST & MIDEAST STATES OF PA, NY, NEW ENGL., OH vs. NAT'L AVERAGE - YOUR INDIVIDUAL BASIS WILL VARY	18.96	18.48	18.64	18.27	18.52	18.15	18.68	18.38	18.65	18.35	18.62	18.41	19.27	18.75	20.20	19.76	20.58	20.17	20.25	19.64	19.22	18.75	18.82	18.25	
Class III	16.98	16.98	17.31	17.31	17.33	17.33	18.16	18.16	18.16	18.16	17.59	17.59	17.59	17.60	17.60	18.72	18.72	19.07	19.07	17.30	17.30	16.81	16.81	16.03	16.03
BASIS	1.98	1.50	1.33	0.96	1.19	0.82	0.52	0.22	0.49	0.19	1.03	0.82	1.67	1.15	1.48	1.04	1.51	1.10	2.95	2.34	2.41	1.94	2.79	2.22	

	MAR-25	MAY-25	JUL-25	SEP-25	DEC-25	MAR-26	MAY-26	JUL-26	SEP-26	DEC-26	MAR-27	JUL-27	TREND				
CORN FUTURES (\$/BU)	4.402	4.556	4.632	4.410	4.666	4.590	4.664	4.702	4.530	4.520	4.626	4.684	↓↓				
SOYMEAL FUTURES (\$/TON)	285.9	293.5	301.1	303.3	304.7	305.7	309.5	311.0	312.3	314.1	316.7	316.3	↓↓				
U.S. AVG PREMIUM ALFALFA & ALFALFA/GRASS HAY 20-22% CP - Source: USDA Monthly National Dairy Comprehensive Report	217.82	240.41	231.70	254.85	224.50	205.02	220.17	175.00	211.69	185.21	196.44	199.57	206.63	192.20	184.82	*184.49	↓↓

DMC	SEP-23	OCT-23	NOV-23	DEC-23	JAN-24	FEB-24	MAR-24	APR-24	MAY-24	JUN-24	JUL-24	AUG-24	SEP-24	OCT-24	NOV-24	DEC-24	*JAN-25
DMC OFFICIAL GROSS MARGINS per cwt(USDA All-Milk, com, alfalfa & Ill. soybean, feed for ALL CLASSES of dairy cattle on farm)	8.44	9.44	9.58	8.44	8.48	9.44	9.65	9.60	10.52	11.66	12.33	13.72	15.57	15.17	14.29	13.38	*13.85
ALL MILK	21.00	21.60	21.70	20.60	20.10	20.60	20.70	20.50	22.00	22.80	22.80	23.60	25.50	25.20	24.20	23.30	*24.10
FEED \$	12.56	12.16	12.12	12.16	11.62	11.16	11.05	10.90	11.48	11.14	10.47	9.88	9.93	10.03	9.91	9.92	*10.25

DAIRY COMMODITIES - GLOBAL BIWEEKLY Internet Auction (\$/LB) 03/04/25	U.S. CME SPOT DAILY (\$/LB) 03/05/25	U.S. WEEKLY USDA NDPSR (\$/LB) WK ENDING 03/01/25*
Weighted Avg. 1 to 6 mo. FORWARD CONTRACTS per metric ton converted to \$/LB	Prev. 5 day Lds	FMMO PROD MIL. LBS WTD AVG \$
NEXT GDT AUCTION 03/18/25	8 1.1800 ↑ 1.1842 ↑	NFD 27.4 1.3071 ↑
ALL-PRODUCT INDEX 1.9097 ↓ 0.5%	BUTTER 14 2.2825 ↓ 2.2925 ↓	BUTTER 2.6 2.4975 ↑
MILKFA (AMF) 3.0313 ↓ 0.3%	CHEDDAR-40 35 1.6150 ↓ 1.6467 ↑	CHEDDAR-40 9.8 1.9295 ↑
BUTTERMILK POWDER 1.3670 ↓ 1.8%	CHEDDAR-500 10 1.7050 ↓ 1.7392 ↓	CHEESE-500 13.0 1.8566 ↓
LACTOSE 0.5254 ↑ 14.0%	WHOLE POWDER (WMP) 1.8425 ↓ 2.2%	DRY WHEY 7 0.4900 ↓ 0.5033 ↓

ANNOUNCED FEDERAL ORDER PRICES (\$/CWT) NASS ALL-MILK	CURRENT FEDERAL ORDER VALUES (\$/LB) * = NEW
CL I ADV ↓ *CL II ↓ *CL III ↓ *CL IV ↓ *ALL-MILK-U.S. *ALL-MILK-PA	*WEIGHTED AVG. 4-WK FEB. 2-MAR. 1, 2025 *FEB. 2025
21.02(MAR) *21.08(FEB) *20.18(FEB) *19.90(FEB) *24.10(JAN) ↑ *24.70(JAN) ↑	PRODUCT VALUE MAKE ALLOW NET
21.27 21.58 20.34 20.73 23.30 4.46F 24.20 4.37F	*CHEESE 1.9077 0.2003 1.7074 ↑ *PROT 2.5337 ↑
18.80 20.53 16.08 19.85 20.10 4.35F 21.30 4.34F	*BUTTER 2.4990 0.1715 2.3275 ↓ *B.FAT 2.8186 ↓
	*NFD 1.3347 0.1678 1.1669 ↓ *N.FAT 1.1552 ↓
	*DRYWHEY 0.6650 0.1991 0.4659 ↓ *OTHER 0.4799 ↓

U.S. AVG. BRED COWS & HEIFERS (3rd trimester) per head as reported by USDA Monthly National Dairy Comprehensive Report	U.S. AVG. MILKING COWS per head as reported by USDA Monthly National Dairy Comprehensive Report
DEC-23 JAN-24 FEB-24 MAR-24 APR-24 MAY-24 JUN-24 JUL-24 AUG-24 SEP-24 OCT-24 NOV-24 DEC-24 *JAN-25	1988 N/A 1635 N/A N/A N/A 2115 2016 N/A N/A 2800 N/A 2250 N/A N/A
N/A 1635 N/A N/A N/A 2115 2016 N/A N/A 2800 N/A 2250 N/A N/A	N/A N/A 1792 N/A N/A 2120 2254 1624 N/A N/A 2800 2489 N/A N/A

CATTLE - DAIRY PURPOSES (\$/HD) USDA and other East and Midwest auction reports combined 4-week rolling average as of FEB. 20, 2025		
*MILK COWS (NASS) U.S. Avg. *\$2660 JAN-25 ↑ \$2600 OCT-24	FRESH HEIFERS: Springing Bred Beef x OPEN: 300-600 lbs Beef X 600-900 lbs Beef X 900-1100 lbs	BULLS (800-1300 lbs)
\$1890 JAN-25 \$1850 OCT-23 1975	1800 1800 2000	700 N/A 825 N/A 1350 1150
PA Auction Markets Feb. 27-Mar. 2, 2025	CATTLE MARKET COWS (\$/CWT LIVELINE)	FED STEERS (\$/CWT LIVE)
Premium White Breakers Boners Lean	141.10 ↑ 138.85 ↑ 132.50 ↑	Choice & Prime 1250-1550 lb 173.00
	70-85 lbs 735.00 ↑ 1150.00 ↓	Holstein Beef-X-Dairy 206.50 ↑
		725.00 1000.00 550.00 875.00
		725.00 1200.00 575.00 885.00

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