



A new look is coming to the Dairy Update! Stay tuned for a fresh newsletter look coming in July. Have suggestions for topics you'd like to see included in our new update? Send them to whitney.hull@uvm.edu. You can stay up to date on all our events, as well as find past issues of our Dairy Update at our [website](#).

Dairy News and Updates

Third dairy farmworker diagnosed with H5N1; more herd status testing options available

Last week, the U.S. Centers for Disease Control and Prevention (CDC) confirmed a third human case of highly pathogenic avian influenza (HPAI) A (H5 virus infection). This is the second human case recorded in Michigan. In addition to the first human case in Texas, these are all dairy farmworkers and are connected to the outbreak of A(H5N1) in dairy cattle. The first two cases reported eye symptoms (conjunctivitis), while this most recent case reported eye discomfort along with more typical symptoms of acute respiratory illness associated with influenza virus infection. Since these cases are workers from separate dairy farms, and no other workers at the same farm have reported symptoms, there is no indication of person-to-person spread of A(H5N1) viruses at this time, and the risk to the general public remains low. Because all three cases had direct contact with infected cows, cow-to-person spread is likely, and dairy farmworkers with exposure to infected or potentially infected animals should take precautions.

The USDA is adding an additional \$824 million in emergency funding from the Commodity Credit Corporation (CCC) to help ensure the Animal and Plant Health Inspection Service (APHIS) can continue to provide critical rapid response activities. The funding will support anticipated diagnostics; field response activities; premovement testing requirements; other necessary surveillance and control activities; surveillance in wildlife for APHIS; the Agricultural Research Service's (ARS) work in developing vaccines for HPAI in cattle, turkeys, pigs and goats; and ARS and the Food Safety Inspection Service's food safety studies.

Additionally, the USDA is launching a new Voluntary H5N1 Dairy Herd Status Pilot Program to give dairy producers more options for testing and animal movement related to the federal order that went into effect on April 24. Once APHIS identifies states to participate in this pilot phase, dairy producers from those states will have the option to enroll their herds for a modified testing plan. Herds that test negative for H5N1 for three consecutive weeks using on-farm bulk tank milk samples or similar representative milk samples tested at a NAHLN laboratory will be able to move animals without additional premovement testing currently required under the federal order. These producers must also comply with continued regular weekly monitoring and testing of the herd for H5N1. Interested producers from states participating in this pilot can enroll by contacting their APHIS area veterinarian in charge or state veterinarian and signing a Herd Monitoring Plan agreement.

Source: [Progressive Dairy](#)

[UVM Extension-Dairy Cattle Updates and Resources](#)

[UVM Extension-HPAI H5N1 In Dairy Cattle: Update and Federal Order Guidelines for Interstate Movement of Dairy Cattle](#)

[UVM Extension-Highly Pathogenic Avian Influenza H5N1 in U.S. Dairy Herds](#)

[USDA APHIS-Highly Pathogenic Avian Influenza \(HPAI\) Detections in Livestock](#)

[National Milk Producers Federation-HPAI Resources](#)

[Vermont Agency of Ag-HPAI Guidance](#)

Northeast Production Trends and Price Forecast

May 28, 2024

	COMPONENT PRICES PER POUND			BOSTON PPD/cwt.	BOSTON BLEND PRICE @3.5 bf	Class Price				Class III Futures	Class IV Futures	DMC Margin ¹
	BUTTER		OTHER			I	II	III	IV			
	FAT	PROTEIN	SOLIDS									
APR-24	\$3.33	\$0.83	\$0.24	\$4.59	\$20.09	\$22.43	\$21.23	\$15.50	\$20.11	\$15.50	\$20.11	\$9.89
MAY-24	\$3.46	\$1.71	\$0.22	\$2.35	\$20.81	\$21.71	\$21.48	\$18.45	\$20.55	\$18.57	\$20.57	\$10.68
JUN-24	\$3.57	\$2.01	\$0.23	\$1.98	\$21.79	\$23.33	\$21.69	\$19.80	\$21.20	\$19.89	\$21.25	\$10.43
JUL-24	\$3.59	\$1.53	\$0.24	\$3.27	\$21.80	\$24.46	\$21.99	\$18.51	\$21.37	\$20.06	\$21.64	\$10.46
AUG-24	\$3.63	\$1.49	\$0.25	\$3.24	\$21.84	\$23.91	\$22.20	\$18.59	\$21.58	\$19.97	\$21.95	\$10.59

Source: Agri-Mark Weekly Update https://agrimark.coop/PDFs/AM_Weekly_Updates.pdf

Milk Cows and Production - Northeastern States and 24 Selected States: During April 2023 and 2024

[May not add due to rounding]

State	Milk cows ¹		Milk per cow ²		Milk production ²		Change from 2023
	2023	2024	2023	2024	2023	2024	
	<i>(1,000 head)</i>	<i>(1,000 head)</i>	<i>(pounds)</i>	<i>(pounds)</i>	<i>(million pounds)</i>	<i>(million pounds)</i>	<i>(percent)</i>
New York	630	630	2,130	2,130	1,342	1,342	-
Pennsylvania	466	465	1,835	1,830	855	851	-0.5
Vermont	118	115	1,820	1,800	215	207	-3.7
24-State Total	8,941	8,886	2,056	2,064	18,386	18,341	-0.2

- Represents zero.

¹ Includes dry cows. Excludes heifers not yet fresh.

² Excludes milk sucked by calves.

Prices Received for All Milk - Northeastern States and United States: March 2024 with Comparisons

[Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies]

State	March 2023		February 2024		March 2024	
	Price	Fat test	Price	Fat test	Price	Fat test
	<i>(dollars per cwt)</i>	<i>(percent)</i>	<i>(dollars per cwt)</i>	<i>(percent)</i>	<i>(dollars per cwt)</i>	<i>(percent)</i>
New York	22.10	4.23	22.00	4.30	22.40	4.28
Pennsylvania	21.90	4.14	21.90	4.19	21.70	4.19
Vermont	22.20	4.23	22.40	4.36	22.80	4.35
United States	21.00	4.19	20.60	4.30	20.70	4.28

Source: NASS Monthly Milk Production Report-Northeastern Region

Vermont Dairy Cow Operations by County – 2024

County	Jan.	Feb.	March	April	May	% Change prior month
Addison	76	77	76	74	75	1.35%
Bennington	8	8	8	7	7	0.00%
Caledonia	40	40	40	38	38	0.00%
Chittenden	24	24	24	24	25	1.04%
Essex	9	9	9	7	7	0.00%
Franklin	93	93	93	94	92	-2.13%
Grand isle	8	8	8	8	8	0.00%
Lamoille	20	20	20	20	19	-5.00%
Orange	44	44	45	44	44	0.00%
Orleans	78	78	78	75	74	-1.33%
Rutland	32	31	30	32	31	-3.12%
Washington	17	17	17	17	17	0.00%
Windham	18	18	18	19	19	0.00%
Windsor	19	18	18	18	18	0.00%
TOTAL	486	486	484	477	474	-0.62%

Ave. # dairy farms-2020 – 636, 2021 -583 & 2022 – 549, 2023 – 503

Dairy Cow Farms by Size – Milking cows

	LFO – over 700	MFO – 200 – 699	SFO –under 200	Total
2020	35	100	198 CSFO – 501	636
2021	35	95	216 CSFO - 453	583
2022	35	91	215 CSFO – 424	549
2023	35	84	208 CSFO – 376	495

CSFO as of January 31, 2018. Certified Small Farms have 50 - milking cows to 199 cows.

This table represents the number of locations producing milk, not the number of farm operations within a specific size classification as some operations produce milk at more than one location.

Vermont Dairy Data-10 year Summary

Category	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024 Q1
Ave. Milk Price	\$23.63	\$16.49	\$15.25	\$16.78	\$15.44	\$17.46	\$16.45	\$17.23	\$24.49	\$20.07	\$19.08
Class III price	\$22.34	\$15.80	\$14.87	\$15.92	\$14.61	\$16.96	\$18.16	\$17.08	\$22.03	\$17.02	\$15.86
DMC Margin-FSA	\$0.00	MPP/MCP Margin level	\$8.01	\$9.68	\$7.53	\$9.60	\$9.65	\$6.92	\$10.80	\$6.70	\$9.19
# of VT Cow Dairy Farms	880	853	838	796	725	677	636	583	550	503	485
Milk Production USDA	2.672 b lbs.	2.666 b lbs.	2.724 b lbs.	2.728 b lbs.	2.680 b lbs.	2.695 b lbs.	2.602 b lbs.	2.566 b lbs.	2.553 b lbs.	2.55 b lbs.	625 mil. Lbs.
Ave. # of cows in VT USDA	132,000	132,000	130,000	128,667	126,833	125,583	122,167	119,667	117,667	117,000	116,000
Ave. # of cows/farm	150	155	155	162	175	185	192	205	216	234	239
Certified Organic Cow Dairy Farms	184	184	203	199	190	187	169	162	154	125	118
Off-Farm Dairy Processors	58	64	78	79	83	88	87	88	88	88	92
On-Farm Dairy Processors	62	71	67	68	63	66	67	70	70	70	72
Total Dairy Processors	120	135	145	147	146	154	154	158	158	158	164