



# ANNUAL DAIRY REVIEW

## OKLAHOMA AND U.S. INVENTORY AND PRODUCTION

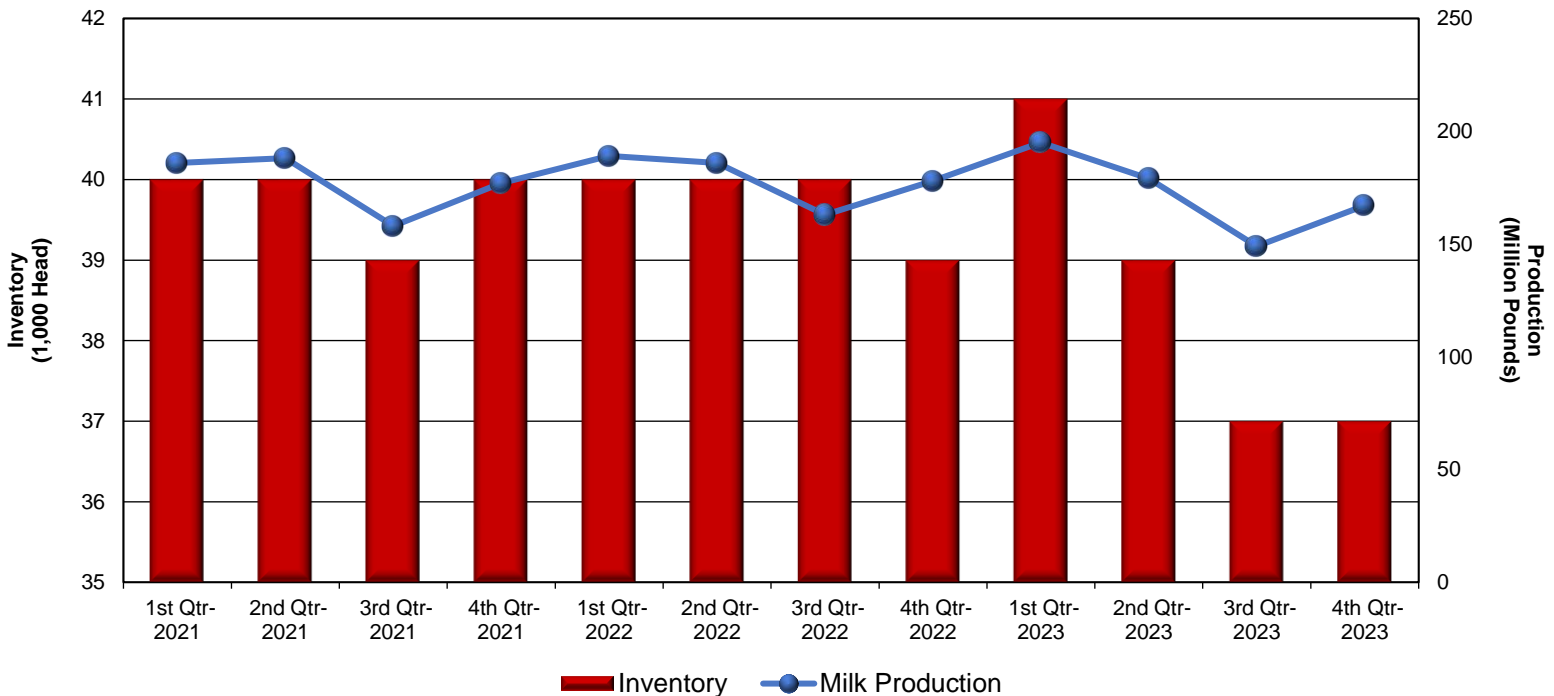
Source: USDA-NASS monthly *Milk Production* reports

The annual milk production in 2023 for Oklahoma totaled 690 million pounds, down 3 percent from 2022. Oklahoma's average number of milk cows in 2023 was 39 thousand head, down 1,000 head from 2022. Production per cow averaged 17,692 pounds for 2023, down 1 percent from 2022. The annual milk production in 2023 for the U.S. totaled 226 billion pounds, down slightly from 2022. The annual average number of milk cows on farms was 9.39 million head, down 14 thousand head from 2022. Nationally, production per cow averaged 24,117 pounds for 2023, 30 pounds above 2022.

### Quarterly Milk Production, Oklahoma and United States, 2021-2023

Quarter	Oklahoma				United States			
	2021	2022	2023		2021	2022	2023	
	Production			Change From Previous Qtr.	Production			Change From Previous Qtr.
	Million Pounds	Million Pounds	Million Pounds	Percent	Million Pounds	Million Pounds	Million Pounds	Percent
Jan-Mar	186	189	195	9.6	56,854	56,289	56,837	1.7
Apr-Jun	188	186	179	-8.2	58,136	57,811	58,004	2.1
Jul-Sep	158	163	149	-16.8	55,833	56,418	55,994	-3.5
Oct-Dec	177	178	167	12.1	55,415	55,898	55,529	-0.8

### Milk Cow Inventory and Production, by Quarter, Oklahoma, 2021-2023



# PRODUCTION, DISPOSITION, AND INCOME

Source: USDA-NASS annual *Milk Production, Disposition, and Income* summary

Cash receipts from marketings of milk during 2023 for Oklahoma totaled \$160.3 million, down 20.1 percent from 2022. For the United States, receipts totaled \$45.9 billion, down 19.8 percent from the previous year. Producer returns in Oklahoma for 2023 averaged \$23.40 per hundredweight, down 17.0 percent from 2022 while producer returns for the nation averaged \$20.38 per hundredweight, down 19.7 percent from last year.

## Milk Production, Disposition, and Income, Oklahoma, 2019-2023

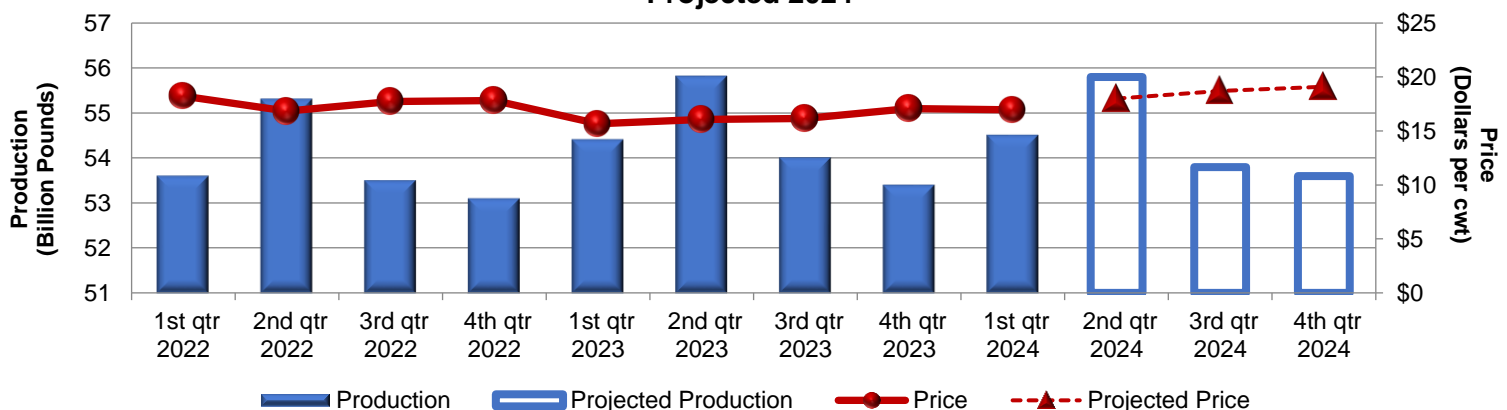
Item	Unit	2019	2020	2021	2022	2023
<b>Number of Milk Cows</b> <sup>1</sup>	Head	40,000	41,000	40,000	40,000	39,000
<b>Production</b> <sup>2</sup>						
Milk per Cow	Pounds	17,634	17,829	17,725	17,900	17,692
Milkfat per Cow	Pounds	695	706	713	734	745
Percent of Fat	Percent	3.95	3.96	4.02	4.10	4.21
Total Milk	Million Pounds	723	731	709	716	690
Total Milkfat	Million Pounds	28.5	28.9	28.5	29.4	29.0
<b>Disposition</b>						
Milk Used Where Produced	Million Pounds	7	7	6	5	5
Fed to Calves <sup>2</sup>	Million Pounds	6	6	5	4	4
Used for Milk, Cream and Butter	Million Pounds	1	1	1	1	1
Milk Marketed by Producers <sup>3</sup>	Million Pounds	724	726	699	711	685
<b>Income</b>						
Average Returns per Cwt <sup>4</sup>	Dollars	20.20	19.00	20.10	28.20	23.40
Returns per Pound Milkfat	Dollars	5.13	4.80	5.00	6.88	5.56
Price Received for Milk Cows	Dollars per Head	1,140	1,160	1,260	1,330	1,500
Cash Receipts from Marketings	1,000 Dollars	144,632	137,560	141,303	200,502	160,290
Value of Milk Used for Milk, Cream and Butter by Producers <sup>5</sup>	1,000 Dollars	202	190	201	282	234
Gross Producer Income <sup>6</sup>	1,000 Dollars	144,834	137,750	141,504	200,784	160,524
Value of Milk Produced <sup>5 7</sup>	1,000 Dollars	146,046	138,890	142,509	201,912	161,460

<sup>1</sup> Average number on farms during year, excluding heifers not yet fresh. <sup>2</sup> Excludes milk sucked by calves. <sup>3</sup> Milk sold to plants and dealers as whole milk and equivalent amounts of milk for cream. Includes milk produced by dealers' own herds and milk sold directly to consumers. Also includes milk produced by institutional herds. <sup>4</sup> Cash receipts divided by milk or milkfat in combined marketings. <sup>5</sup> Value at average returns per 100 pounds of milk in combined marketings of milk and cream. <sup>6</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption. <sup>7</sup> Includes value of milk fed to calves.

# PRODUCTION AND PRICE OUTLOOK

Source: USDA *World Economic Supply and Demand Estimates* report

## Milk Production, Price, and Output: U.S. 2022-2023 Projected 2024

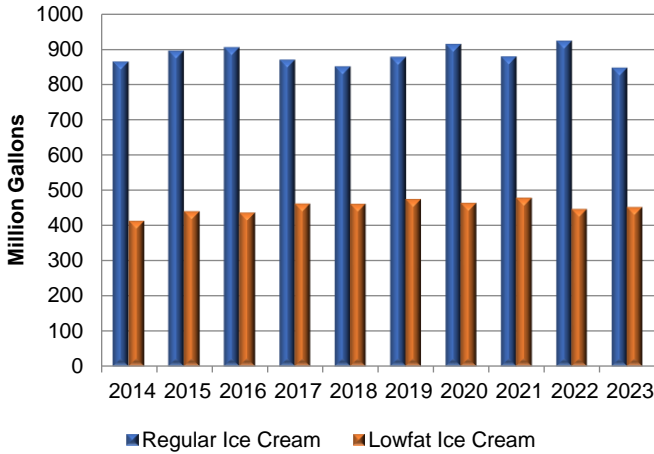


# DAIRY PRODUCTS

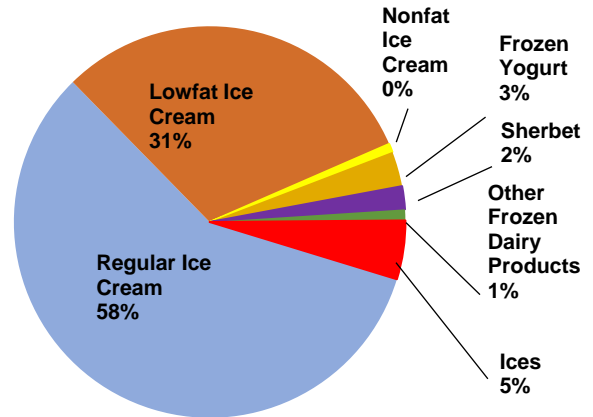
Source: USDA-NASS annual Dairy Products summary

Nationally, production of regular ice cream during 2023 totaled 849 million gallons, down 8.2 percent from 2022. Production of lowfat ice cream, at 451 million gallons, was 1.2 percent above from prior year production, while the nonfat ice cream production of 10.3 million gallons was down 44.7 percent.

**Regular and Lowfat Ice Cream Production, United States, 2014-2023**



**Frozen Dairy Products, United States, 2023**



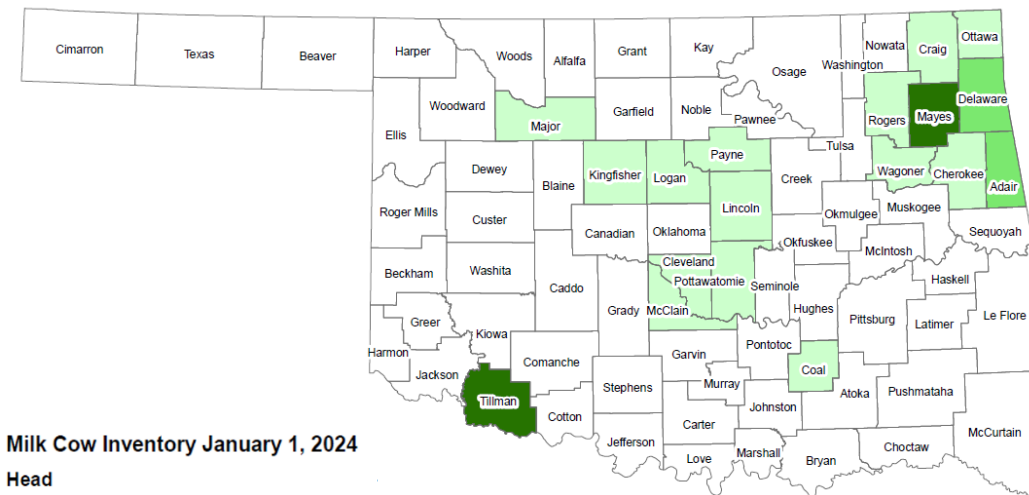
**Frozen Dairy Products, Production, United States, 2022-2023**

Product	2022		2023		Change from 2022-2023
	1,000 Gallons		1,000 Gallons		
Regular Ice Cream	924,715	848,565	-8.2		
Lowfat Ice Cream	445,588	450,856	1.2		
Nonfat Ice Cream	18,607	10,294	-44.7		
Frozen Yogurt	38,155	42,376	11.1		
Sherbet	32,749	27,858	-14.9		
Ices	68,629	71,011	3.5		
Other	12,743	13,249	4.0		

# MILK COW INVENTORY

Source: USDA-NASS Oklahoma annual Cattle and Calves County Estimates report.

**Milk Cow Inventory January 1, 2024**



**Milk Cow Inventory January 1, 2024**



Welcome to the 2024 issue of the Annual Dairy Review. This publication is a compilation of related reports issued by USDA's National Agricultural Statistics Service (NASS) in an effort to provide a complete source of statistics relevant to the dairy industry. Though many of the statistics in this publication can be accessed through our website ([www.nass.usda.gov/Publications](http://www.nass.usda.gov/Publications)), this Oklahoma Field Office summary will be issued annually following the release of the USDA-NASS *Milk Production, Disposition, and Income* Summary, and the annual *Dairy Products* Summary.

Please feel free to contact our office with any comments or questions you may have at (800) 626-3142, or by email at [nassfospr@usda.gov](mailto:nassfospr@usda.gov). I hope you find this information useful!

*Troy Marshall*  
*State Statistician*  
*USDA-NASS Oklahoma Field Office*

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