

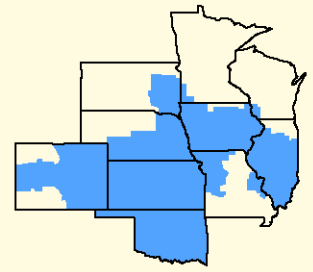
**FEBRUARY 2024**

**Marketing Service**



# Bulletin

*Facilitating the efficient  
marketing of milk and  
dairy products.*

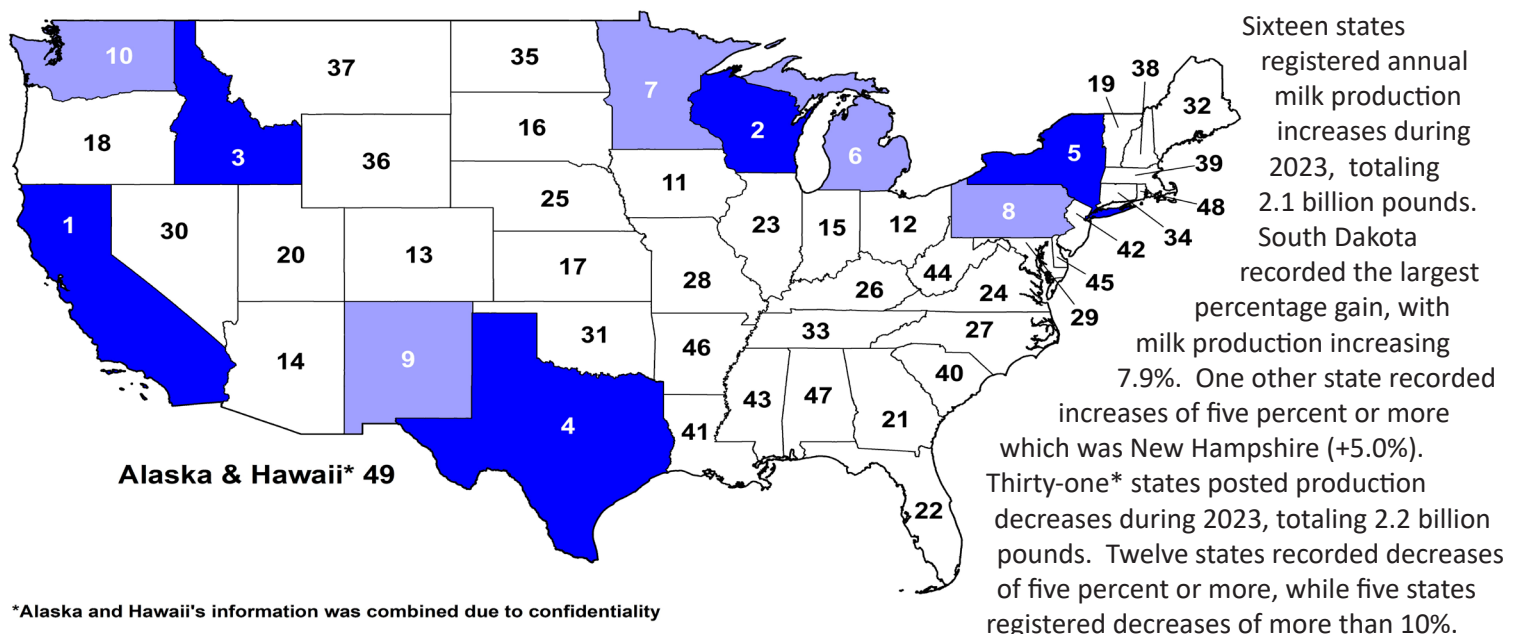


**CENTRAL MARKETING AREA**

## 2023 Milk Production

U.S. 2023 milk production totaled 228.4 billion pounds, a decrease of 52 million pounds over 2022. Milk production has exceeded year earlier totals during 24 of the last 27 years, with the exceptions occurring during 2001, 2009, and 2023. Production has increased by 10.8 billion pounds over the past five years (2023 versus 2018), a gain of 5.0%.

### 2023 Milk Production Ranking Top Ten States Highlighted



\*Alaska and Hawaii's information was combined due to confidentiality

Arkansas (-26.7%), Mississippi (-17.8%), North Dakota (-15.4%),

Alabama (-12.5%), and West Virginia (-12.0%) posted the largest yearly decreases.

The map on this page ranks milk production by state for 2023, with the top ten milk producing states shaded. The graphics on page 4 depict states with the largest percentage increases and decreases in milk production over the past five years (2023 versus 2018).

Seventeen states recorded milk production increases comparing 2023 with 2018. The combined production for these states represented 68.2% of total 2022 U.S. milk production, and the average increase for these 17 states was 16.3%. Three states posted increases larger than the 17 state percentage average, Wyoming (+71.5%), South Dakota (+65.9%), and Texas (+28.9%). Texas posted the largest absolute gain with production increasing by 3.713 billion pounds, followed by South Dakota (+1.783 billion lbs), Idaho (+1.678 billion lbs), Wisconsin (+1.544 billion pounds), and New York (+1.197 billion lbs).

Thirty-one\* states registered an average 22.8% production decrease, and these states accounted for 31.6% of the 2023 U.S. milk production total. Eleven states recorded decreases greater than the 22.8% average percentage loss, led by Alaska/Hawaii (-82.3%), Alabama (-61.6%), Arkansas (-55.4%), and Delaware (-47.4%). In absolute terms, New Mexico posted the largest decrease with production falling by 1.622 billion pounds, followed by Pennsylvania (-806 million lbs), Washington (-513 million pounds), and Florida (-431 million pounds).

The graph on this page depicts production since 2000 for the nation's top five milk producing states. Four of these five states recorded increases comparing 2023 with 2022 -- New York (+2.8%); Idaho (+1.2%); Wisconsin (+0.8%); Texas (+0.2%). California (-2.1%) was the only state to record a decrease. Comparing 2023 with 2000, Texas's production increased by 188.8%, while Idaho's increased by 133.0%. Wisconsin (+38.1%) posted the third largest increase among the top five states, followed by New York (+34.9%) and California (+26.7%).

The maps on page 6 provide a ranking of states based on 2023 milk production per cow as well as the percent change in milk per cow between 2023 and 2018. Wisconsin, Idaho, Texas, New York, Michigan, and New Mexico are states ranked in the top ten in both total milk production and production per cow. Four of the five top milk producing states were above the 2023 national average production of 24,117 pounds per cow: Texas (25,802); Idaho (25,228); New York (25,522); Wisconsin (25,294). California (23,863) was the only state below the average.

2023 Per Capita Milk Production

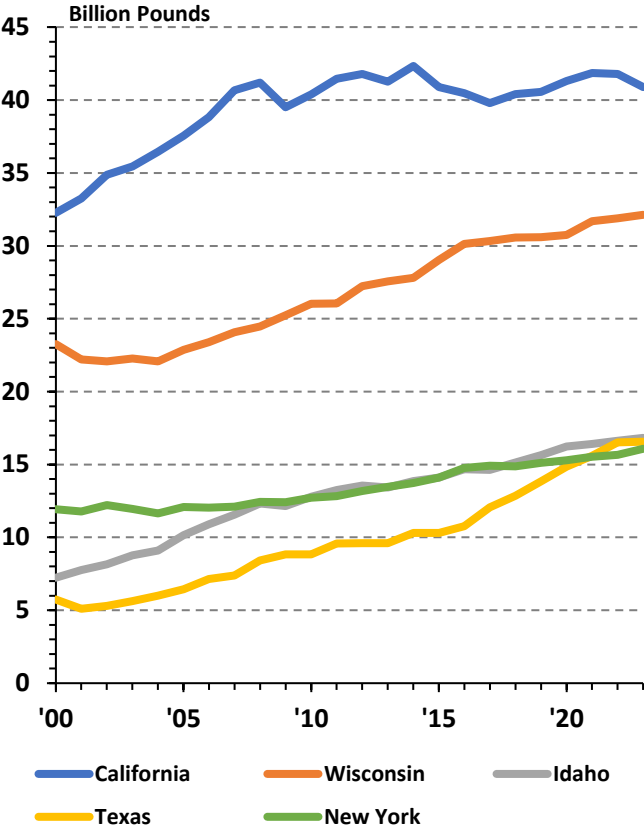
Per capita milk production is a data series presented annually in this Bulletin. A comparison of this series to per capita consumption data may reflect the aggregate supply and demand balance for individual states and regions throughout the U.S. The table on page 7 details and compares per capita milk production by state for 2023, 2022, and 2018. This table lists the states in descending order based on 2023 per capita production. States with per capita production of more than 600 pounds are inside the shaded area of the table. Nine of the top ten states in total production are also in the top ten in per capita production, Texas was the only state of the ten that wasn't.

Data used in these calculations indicates per capita production for 2023 was 677.3 pounds, down 3.5 pounds (-0.5%) compared with 2022. Twelve states reported annual per capita increases during 2023, with Alaska & Hawaii's 30.3% increase as the largest gain. South Dakota posted the second largest increase, with a production per capita gain of 6.7%. Arkansas's per capita production decreased by 27.2%, which was the largest decline. Four other states recorded decreases over 10%: Mississippi (-17.8%), North Dakota (-15.9%), Alabama (-13.1%), and West Virginia (-11.7%). Per capita production for the U.S. increased by 10.8 pounds (+1.6%) between 2018 and 2023. Fourteen states recorded increases in per capita milk production, led by Wyoming's 69.7% gain. Five additional states increased per capita production by 10% or more comparing 2023 with 2018. Alaska & Hawaii's\* combined total recorded the largest decrease, with per capita production falling by 82.4%. Fifteen additional states posted declines of more than 20%, while eight states reported decreases between 10% and 20%.

The map on the top of page 3 depicts per capita milk production by state for 2023. The 300 and 600 pound levels of per capita production are arbitrary divisions selected for this map. The 600 pound level roughly approximates annual per capita consumption of all dairy products on a milk equivalent basis, while the 300 pound level reflects average annual consumption of Class I and Class II products (fluid and soft manufactured products), plus reserve requirements. A cursory analysis of regional milk supply conditions can be performed by examining the shading patterns prevalent in the individual regions.

The map at the bottom of page 3 displays the percentage change in per capita milk production by state between 2018 and 2023. The data represented by this map reflects changes in production combined with population changes. The graphics on page 4 and 5 depict the states with the largest percentage increases and decreases from 2018 to 2023.

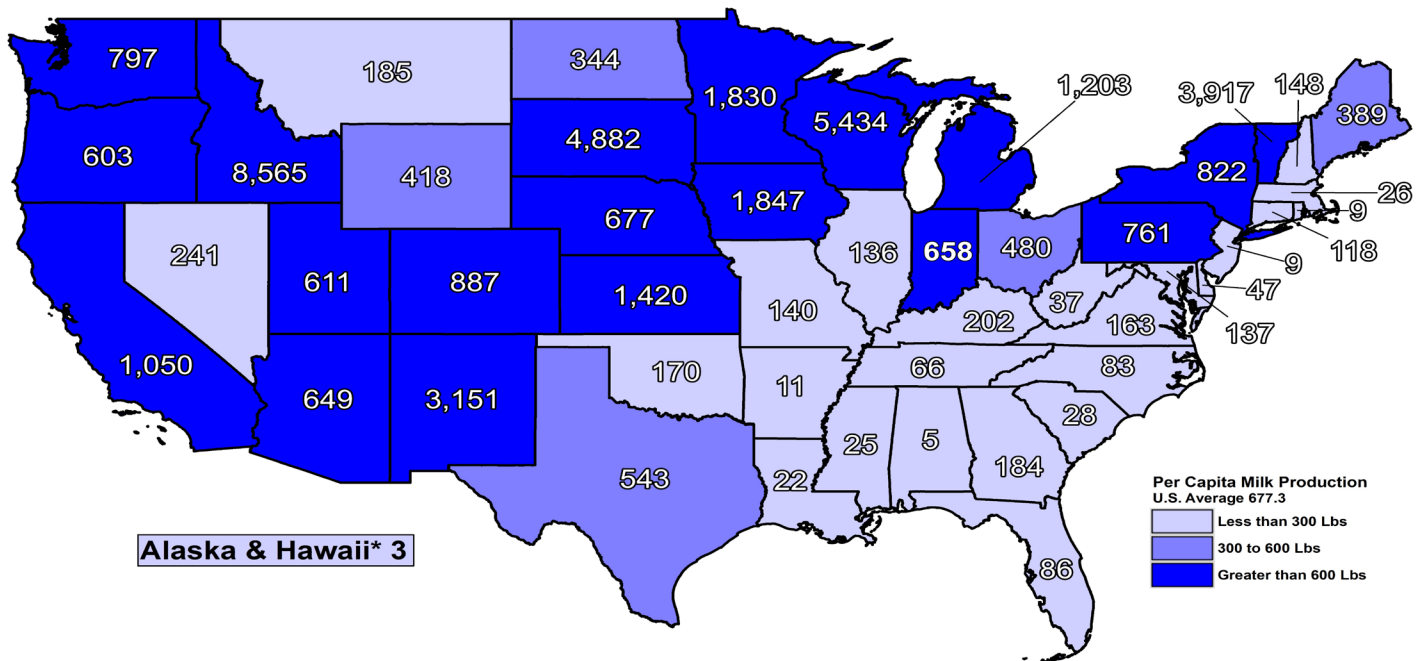
Annual Milk Production  
Top Five Dairy States



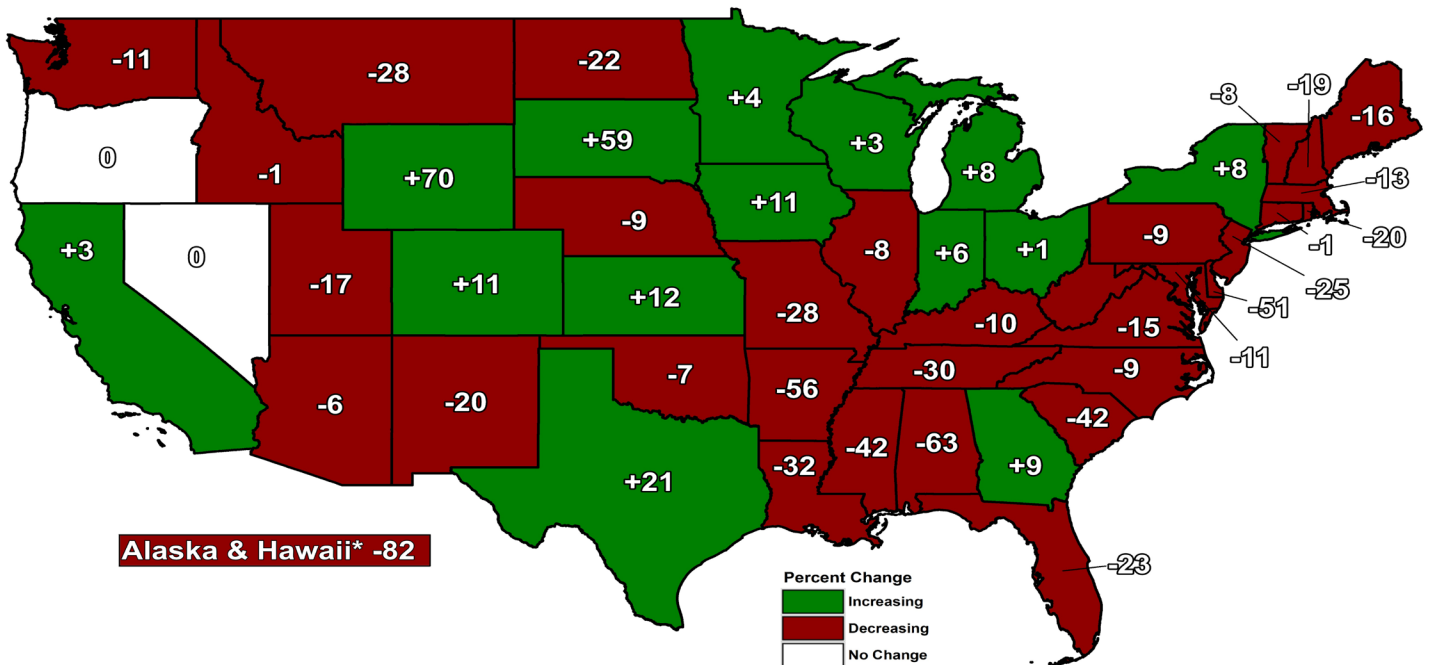
Percentage of 2023 U.S. Totals

	U.S. Milk Production	U. S. Population Estimate
California	18.07	11.66
Wisconsin	14.19	1.77
Idaho	7.43	0.59
Texas	7.32	9.13
New York	7.10	5.86
5-State Total	54.11	29.01

## 2023 Per Capita Milk Production



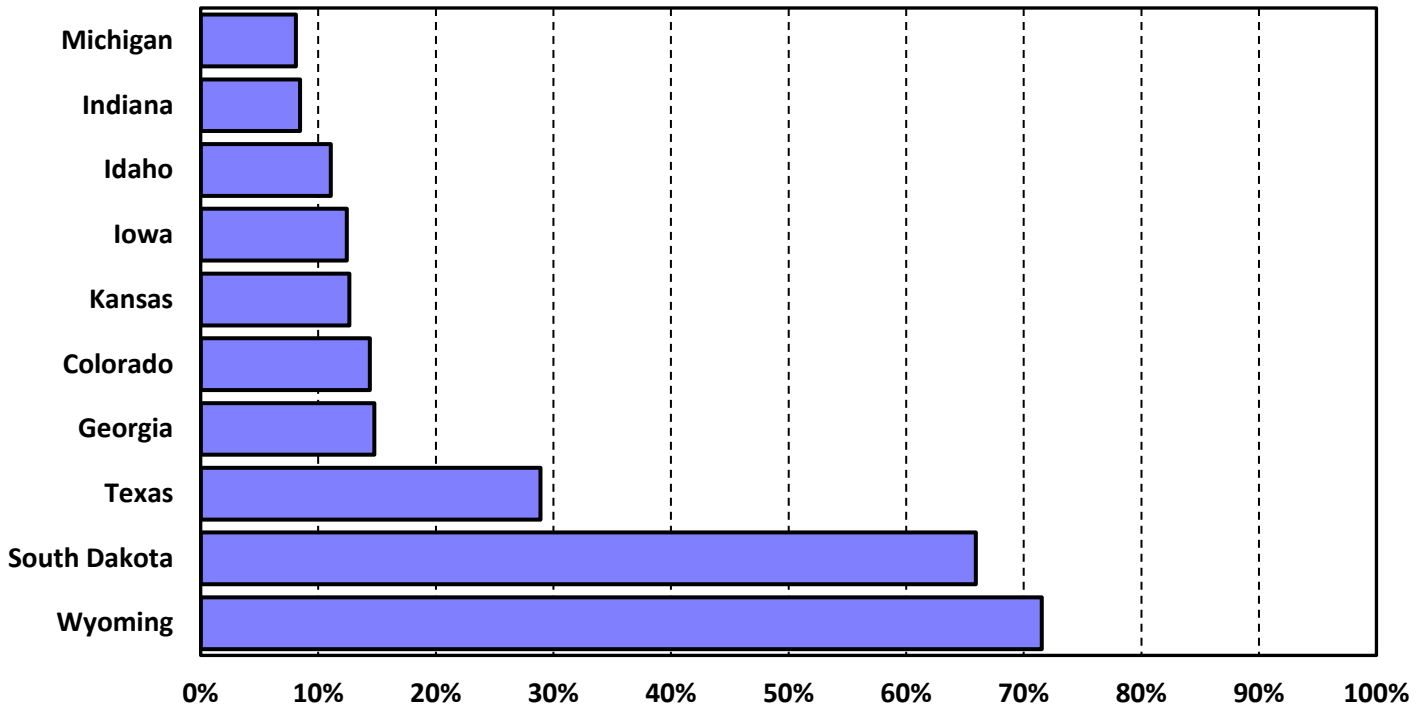
## Percent Change In Per Capita Milk Production 2023 vs 2018



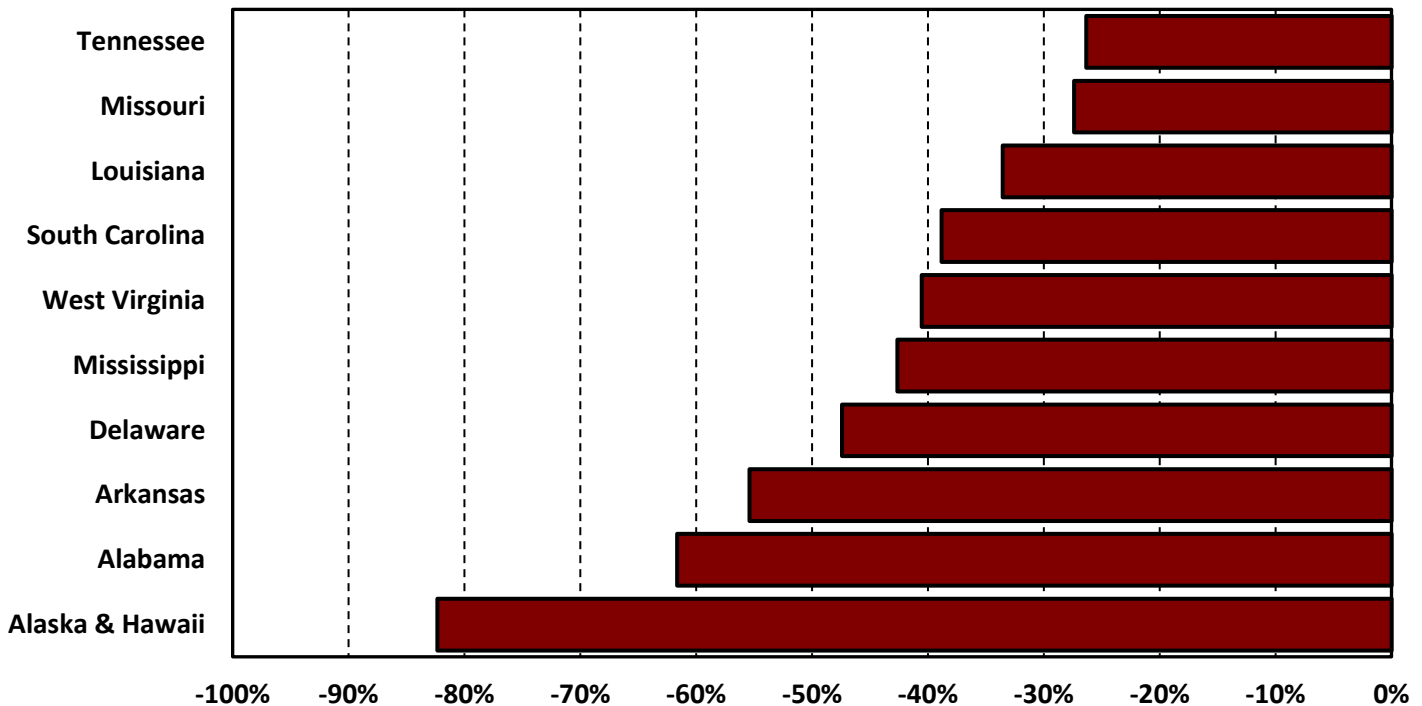
# Milk Production: 2023 vs 2018

U.S. Average = +4.0%

## Largest Production Increases



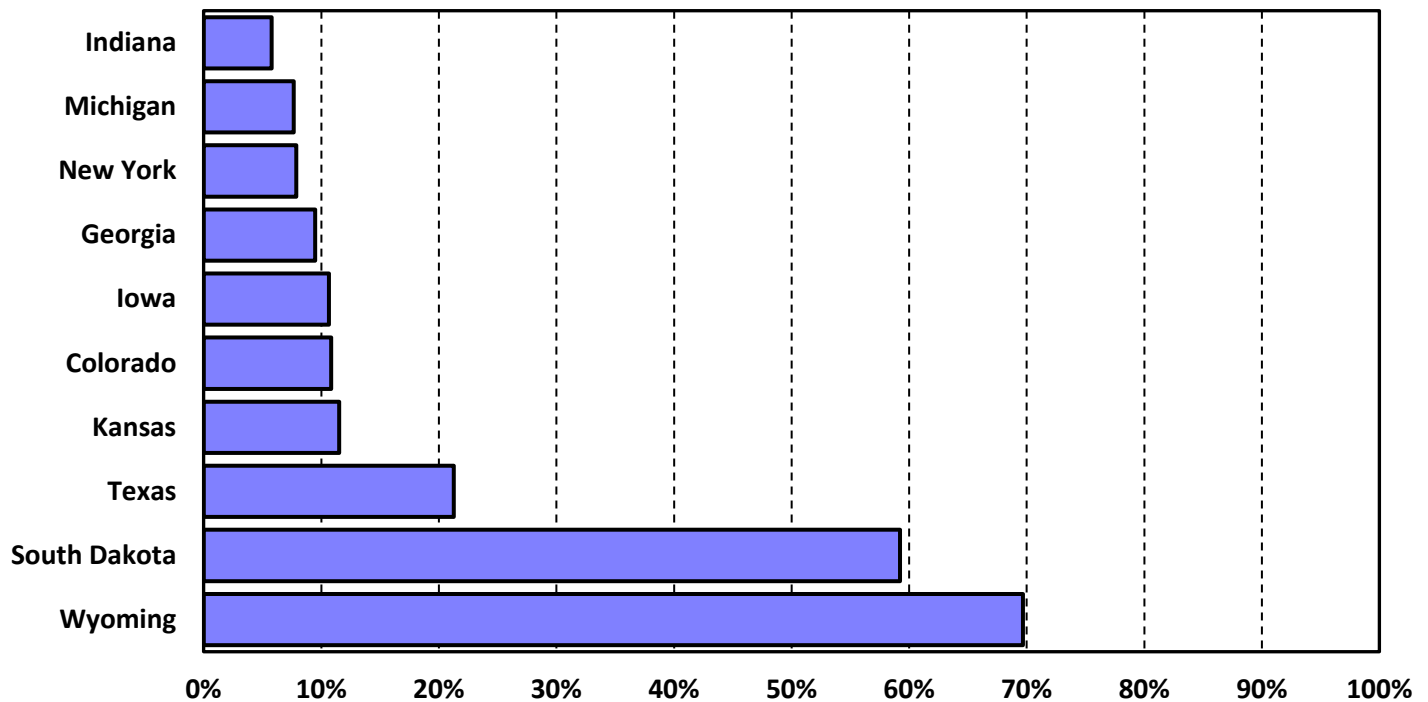
## Largest Production Decreases



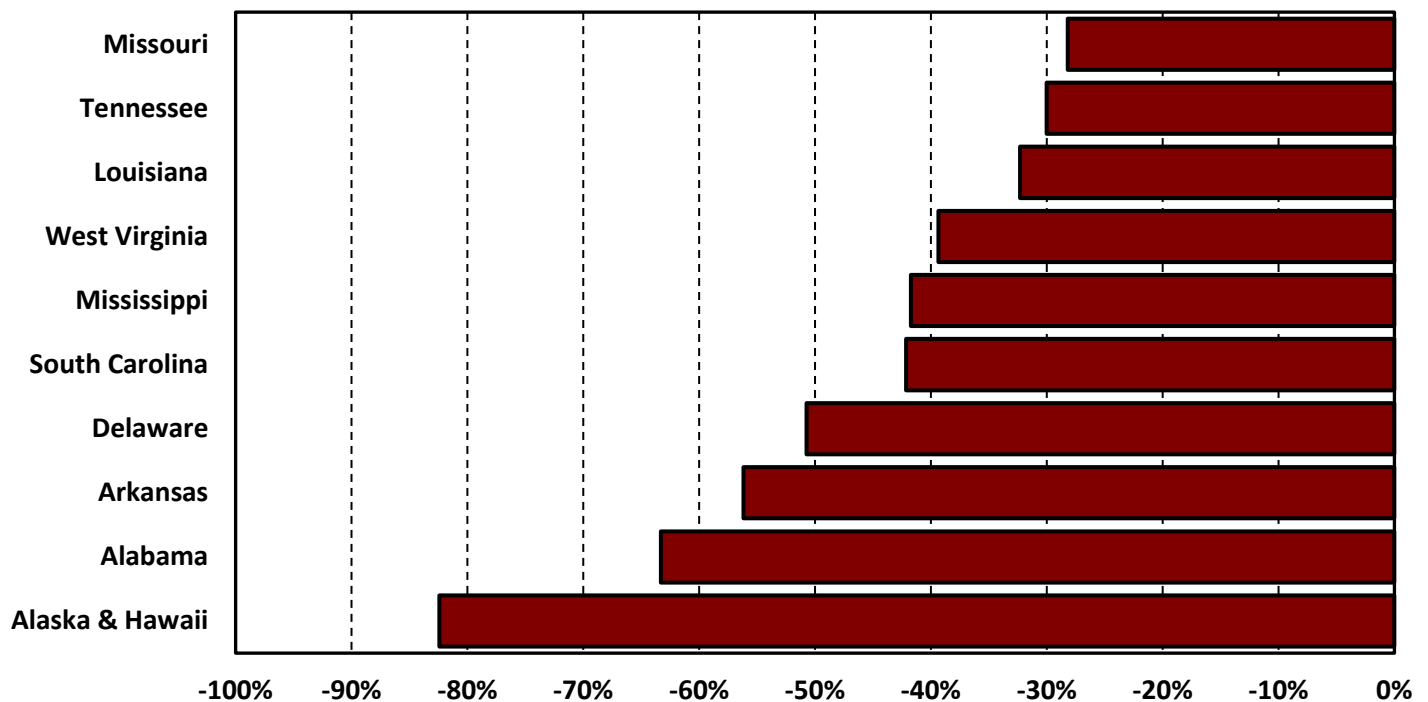
## Per Capita Milk Production: 2023 vs 2018

U.S. Average = +1.6%

### Largest Per Capita Increases



### Largest Per Capita Decreases



**Alaska & Hawaii\* -73**

**Percent Change**

- Increasing
- Decreasing
- No Change

State	Percent Change
Alaska	-73
Arizona	+2
California	+2
Colorado	+2
Connecticut	+7
Delaware	+16
Florida	+2
Georgia	+3
Hawaii	-73
Idaho	+11
Illinois	+5
Indiana	+5
Iowa	+3
Kansas	+3
Kentucky	-9
Louisiana	-14
Maine	+5
Maryland	+6
Massachusetts	+8
Michigan	+5
Minnesota	+7
Mississippi	-11
Missouri	+2
Montana	+1
Nebraska	+3
Nevada	+2
New Hampshire	+3
New Jersey	+17
New Mexico	-2
New York	+3
North Carolina	+10
North Dakota	+3
Ohio	+4
Oklahoma	-2
Oregon	+2
Rhode Island	+8
South Carolina	+7
South Dakota	+3
Tennessee	+9
Texas	+8
Vermont	+3
Virginia	+7
Washington	-1
West Virginia	-17
Wisconsin	+5
Wyoming	+2

Alaska & Hawaii\* 49

US Average  
24,117

# Per Capita Milk Production

## 2023 versus 2022 & 2018 - by State

States	Per Capita Milk Production			Change In Per Capita Milk Production			
	2023	2022	2018	2023 vs. 2022		2023 vs. 2018	
				Pounds	Percent	Pounds	Percent
1. Idaho	8,564.6	8,575.4	8,635.8	-10.9	-0.1%	-71.3	-0.8%
2. Wisconsin	5,434.5	5,410.6	5,259.9	23.9	0.4%	174.5	3.3%
3. South Dakota	4,881.9	4,573.4	3,066.1	308.5	6.7%	1,815.8	59.2%
4. Vermont	3,916.8	3,947.1	4,279.1	-30.2	-0.8%	-362.3	-8.5%
5. New Mexico	3,151.3	3,380.9	3,953.8	-229.6	-6.8%	-802.6	-20.3%
6. Iowa	1,846.9	1,802.8	1,669.1	44.1	2.4%	177.8	10.7%
7. Minnesota	1,829.9	1,831.7	1,758.6	-1.7	-0.1%	71.3	4.1%
8. Kansas	1,420.5	1,410.2	1,273.6	10.3	0.7%	146.9	11.5%
9. Michigan	1,202.8	1,169.7	1,117.3	33.1	2.8%	85.6	7.7%
10. California	1,049.7	1,071.0	1,021.6	-21.3	-2.0%	28.1	2.7%
11. Colorado	886.8	909.9	800.1	-23.2	-2.5%	86.7	10.8%
12. New York	821.6	795.1	761.5	26.4	3.3%	60.0	7.9%
13. Washington	796.5	801.3	893.9	-4.8	-0.6%	-97.4	-10.9%
14. Pennsylvania	760.6	767.0	832.7	-6.3	-0.8%	-72.1	-8.7%
15. Nebraska	677.3	719.5	746.4	-42.2	-5.9%	-69.1	-9.3%
16. Indiana	657.7	639.7	621.8	18.0	2.8%	35.9	5.8%
17. Arizona	649.1	648.4	694.1	0.7	0.1%	-45.0	-6.5%
18. Utah	611.2	641.9	734.6	-30.6	-4.8%	-123.3	-16.8%
19. Oregon	603.3	621.4	604.0	-18.1	-2.9%	-0.7	-0.1%
20. Texas	543.1	550.5	447.8	-7.4	-1.4%	95.3	21.3%
21. Ohio	480.1	470.1	473.2	10.0	2.1%	6.8	1.4%
22. Wyoming	417.6	412.1	246.1	5.5	1.3%	171.5	69.7%
23. Maine	389.0	399.9	461.7	-10.9	-2.7%	-72.7	-15.7%
24. North Dakota	344.4	409.4	439.4	-64.9	-15.9%	-95.0	-21.6%
25. Nevada	241.1	249.9	241.9	-8.8	-3.5%	-0.8	-0.3%
26. Kentucky	202.2	205.2	225.8	-3.1	-1.5%	-23.6	-10.5%
27. Montana	185.4	198.6	257.9	-13.2	-6.7%	-72.6	-28.1%
28. Georgia	183.8	185.8	167.9	-2.1	-1.1%	15.9	9.5%
29. Oklahoma	170.2	178.1	183.9	-7.9	-4.4%	-13.7	-7.4%
30. Virginia	162.9	164.0	192.0	-1.1	-0.6%	-29.0	-15.1%
31. New Hampshire	148.4	157.0	183.6	-8.6	-5.5%	-35.2	-19.2%
32. Missouri	139.9	152.3	194.9	-12.4	-8.1%	-55.0	-28.2%
33. Maryland	136.9	136.6	153.1	0.3	0.2%	-16.2	-10.6%
34. Illinois	136.1	136.2	147.4	-0.1	-0.1%	-11.3	-7.7%
35. Connecticut	118.0	118.6	119.5	-0.5	-0.4%	-1.5	-1.2%
36. Florida	86.2	86.6	111.8	-0.4	-0.4%	-25.5	-22.9%
37. North Carolina	82.5	85.2	90.2	-2.7	-3.2%	-7.7	-8.6%
38. Tennessee	65.5	69.9	93.6	-4.4	-6.3%	-28.1	-30.0%
39. Delaware	46.6	47.2	94.6	-0.6	-1.3%	-48.0	-50.7%
40. West Virginia	37.3	42.2	61.5	-5.0	-11.7%	-24.2	-39.3%
41. South Carolina	27.5	30.5	47.6	-2.9	-9.6%	-20.1	-42.1%
42. Massachusetts	25.6	26.9	29.3	-1.4	-5.1%	-3.7	-12.6%
43. Mississippi	25.2	30.6	43.2	-5.4	-17.8%	-18.0	-41.7%
44. Louisiana	22.1	24.4	32.6	-2.3	-9.5%	-10.5	-32.3%
45. Arkansas	10.8	14.8	24.6	-4.0	-27.2%	-13.8	-56.2%
46. New Jersey	9.3	9.5	12.3	-0.2	-2.6%	-3.1	-25.0%
47. Rhode Island	8.9	9.1	11.1	-0.3	-3.2%	-2.2	-20.0%
48. Alabama	5.5	6.3	14.9	-0.8	-13.1%	-9.5	-63.3%
49. Alaska & Hawaii	3.0	2.3	17.1	0.7	30.3%	-14.1	-82.4%
<b>U.S. Totals</b>	<b>677.3</b>	<b>680.7</b>	<b>666.5</b>	<b>-3.5</b>	<b>-0.5%</b>	<b>10.8</b>	<b>1.6%</b>

### Data Sources:

**Milk Production:**  
**Population:**

Milk Production, National Agricultural Statistics Service, Agriculture Statistics Board, USDA.  
U.S. Census Bureau, Department of Commerce. (July 1st population estimates for each year.)



**United States  
Department of  
Agriculture**

FIRST CLASS  
U.S. POSTAGE  
PAID  
OLATHE, KS  
PERMIT NO. 377

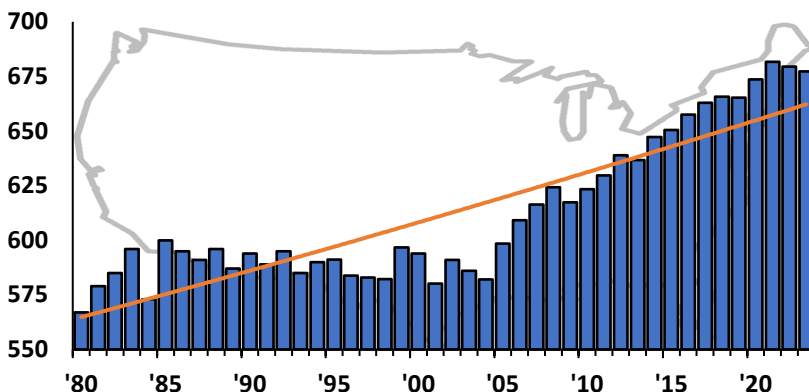
**FEDERAL MILK MARKET ADMINISTRATOR**  
P.O. BOX 14650  
SHAWNEE MISSION, KANSAS 66285-4650

Website: [www.fmmacentral.com](http://www.fmmacentral.com)  
E-mail: [market.administrator@fmmacentral.com](mailto:market.administrator@fmmacentral.com)  
Phone: 913-495-9300

**FIRST CLASS**

	Statistical Uniform Price		Producer Price Differential		Class I Utilization	
	<u>Jan '24</u>	<u>Dec '23</u>	<u>Jan '24</u>	<u>Dec '23</u>	<u>Jan '24</u>	<u>Dec '23</u>
Northeast	19.31	19.71	4.14	3.67	30.64	30.36
Appalachian	21.10	21.39	-----	-----	72.50	67.63
Florida	23.05	23.62	-----	-----	82.52	83.17
Southeast	21.61	22.01	-----	-----	76.37	72.55
Upper Midwest	15.59	16.40	0.42	0.36	6.43	6.09
<b>Central</b>	<b>17.24</b>	<b>17.79</b>	<b>2.07</b>	<b>1.75</b>	<b>31.17</b>	<b>29.22</b>
Mideast	17.90	18.20	2.73	2.16	42.04	40.46
California	16.81	17.55	1.64	1.51	20.13	20.05
Pacific Northwest	17.39	17.94	2.22	1.90	22.02	21.30
Southwest	17.73	18.37	2.56	2.33	33.09	31.24
Arizona	18.81	19.10	-----	-----	28.20	26.65

## U.S. Milk Production per Capita



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