

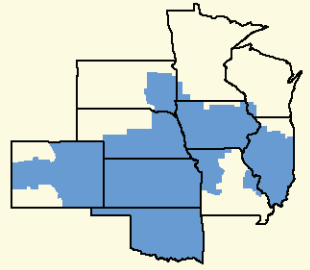
FEBRUARY 2021

Marketing Service



Bulletin

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



CENTRAL MARKETING AREA

2020 Milk Production

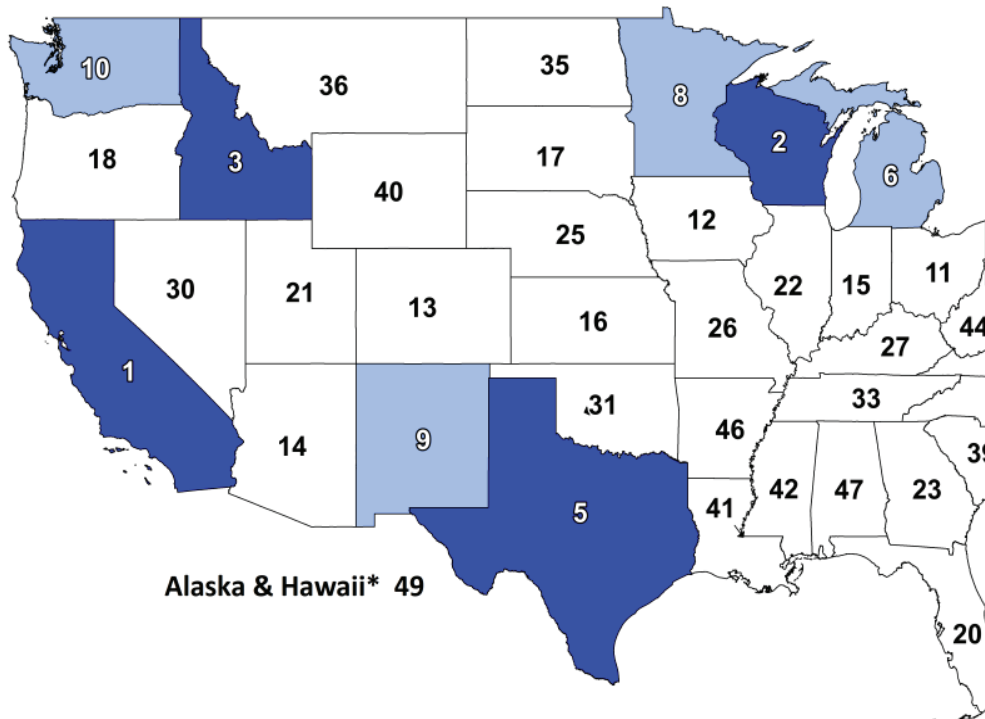
U.S. 2020 milk production totaled 223.2 billion pounds, an increase of 4.8 billion pounds over 2019. The 2020 total is a record high for the eleventh consecutive year, and is an increase of 2.2% over the 218.4 billion pounds produced in 2019. Milk production has exceeded year earlier totals during

22 of the last 24 years, with the exceptions occurring during 2001 and 2009. Production has increased by 14.6 billion pounds over the past five years (2020 versus 2015), a gain of 7.0%.

Twenty-nine states registered annual milk production increases during 2020, with a combined increase of 2.6%. Wyoming recorded the largest percentage gain, with milk production increasing 28.8%. Five other states recorded increases of five

2020 Milk Production Ranking Top Ten States Highlighted

percent or more: South Dakota (+11.0%); Texas (+7.1%); Colorado (+7.1%); Indiana (+6.2%); and Kansas (+5.5%). Twenty* states posted



production decreases during 2020, with combined production falling 1.4% compared with 2019. Two states recorded decreases of five percent or more: Alabama (-25.0%) and South Carolina (-8.3%).

The map on this page ranks milk production by state for 2020, 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 (2020 versus 2015).

Twenty-three states recorded milk production increases comparing 2020 with 2015. The combined production for these states represented 87.9% of total 2020 U.S. milk production, and the combined increase for these 23 states was 9.6%. Eleven states posted increases larger than the 23 state percentage average. These were: Texas (+44.0%); Wyoming (+39.4%); Colorado (+37.1%); South Dakota (+32.3%); Kansas (+26.8%); Idaho (+15.1%); Nevada (+14.3%); Michigan (+13.9%); Nebraska (+11.7%); Iowa (+11.1%); and Connecticut (+10.6%).

Twenty-six* states registered a combined 8.7% production decrease, and these states accounted for 12.1% of the 2020 U.S. milk production total. Nineteen states recorded decreases greater than the 8.7% average percentage loss. These were: Alaska & Hawaii's* combined total (-87.5%); Alabama (-55.4%); West Virginia (-36.9%); Rhode Island (-31.4%); Arkansas (-29.7%); Louisiana (-28.7%); Delaware (-28.4%); South Carolina (-27.6%); Tennessee (-27.0%); New Jersey (-22.0%); Mississippi (-20.6%); Missouri (-20.5%); New Hampshire (-17.0%); Montana (-15.1%); Virginia (-14.1%); Kentucky (-12.9%); Florida (-11.3%); Maryland (-10.7%); and North Carolina (-9.1%).

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

The graph on this page depicts production since 2000 for the nation's top five milk producing states. All five of these states recorded increases comparing 2020 with 2019 -- Texas (+7.1%); Idaho (+3.9%); California (+1.7%); New York (+1.4%); and Wisconsin (+0.5%). Comparing 2020 with 2000, Texas's production increased by 158.6%, while Idaho's increased by 124.9%. Wisconsin (+32.1%) posted the third largest increase among the top five states, followed by New York (+28.7%) and California (+27.9%).

The map on page 6 provides a ranking of states based on 2020 milk production per cow. Idaho, Texas, Michigan, and New Mexico are states ranked in the top ten in both total milk production and production per cow. All five of the top five milk producing states were above the 2020 national average production of 23,777 pounds per cow: Idaho (25,180); Texas (24,926); New York (24,500); Wisconsin (24,408); and California (23,987).

2020 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 2020, 2019, and 2015. This table lists the states in descending order based on 2020 per capita production. States with per capita production of more than 600 pounds are inside the shaded area of the table. Six of the top ten states in total production are also in the top ten in per capita production. These six are California, Wisconsin, Idaho, Michigan, Minnesota, and New Mexico.

Data used in these calculations indicates per capita production for 2020 was 677.5 pounds, up 12.2 pounds (+1.8%) compared with 2019. Twenty five states reported annual per capita increases during 2020, with Wyoming's 28.3% increase the largest gain. South Dakota posted the second largest increase, with a production per capita gain of 10.3%. Alabama's per capita production decreased by 25.4%, which was the largest decline. Three additional states recorded decreases of five percent or more compared with 2019: South Carolina (-9.3%), Delaware (-5.4%), and Arkansas (-5.0%).

Per capita production for the U.S. increased by 27.1 pounds (+4.2%) between 2015 and 2020. Seventeen states recorded increases in per capita milk production, led by Wyoming's 40.4% gain. Seven additional states increased per capita production by 10% or more comparing 2020 with 2015. Alaska & Hawaii's* combined total recorded the largest decrease, with per capita production falling by 87.6%. Ten additional states posted declines of more than 20%, while eight states reported decreases between 10% and 20%.

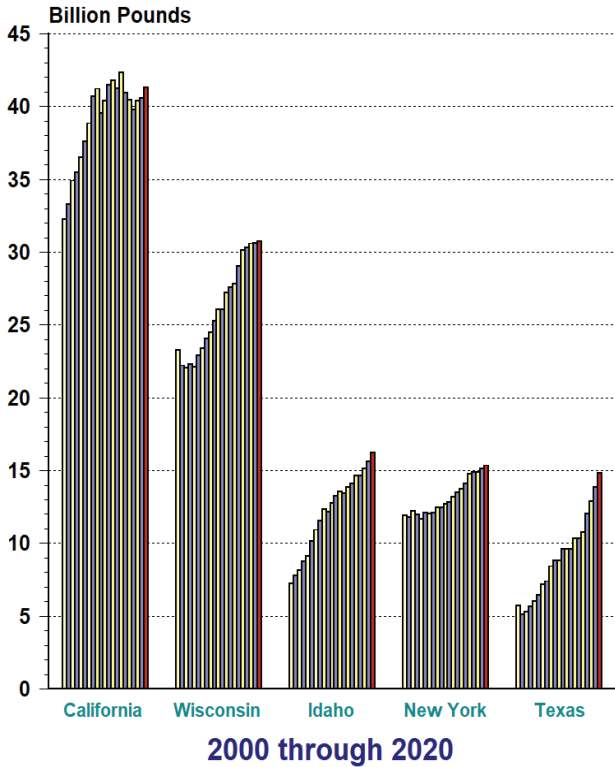
The map on the top of page 3 depicts per capita milk production by state for 2020. The 300 and 600 pound levels of per capita production are arbitrary divisions selected for this map. The 600 pound level roughly approximates annual per capita consumption of all dairy products on a milk equivalent basis, 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 2015 and 2020. The data represented by this map reflects changes in production combined with population changes. The graphics on page 5 depict the states with the largest percentage increases and decreases from 2015 to 2020.

The graph on page 6 provides a ranking of the top five milk producing states in total milk production, production per cow, and production per capita. The graph on the last page of this Bulletin depicts milk production per capita for the U.S. over the last 41 years.

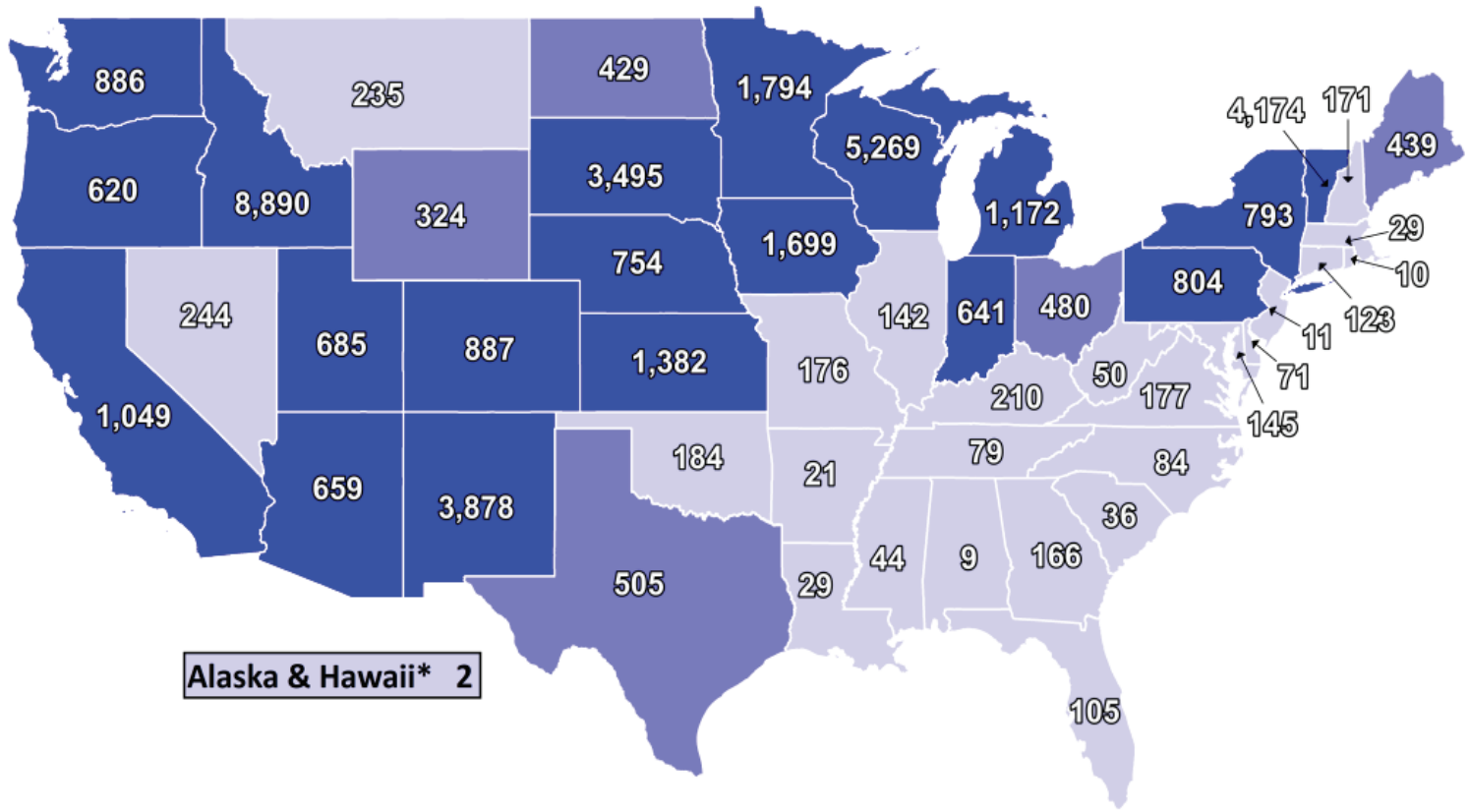
Annual Milk Production

Top Five Dairy States

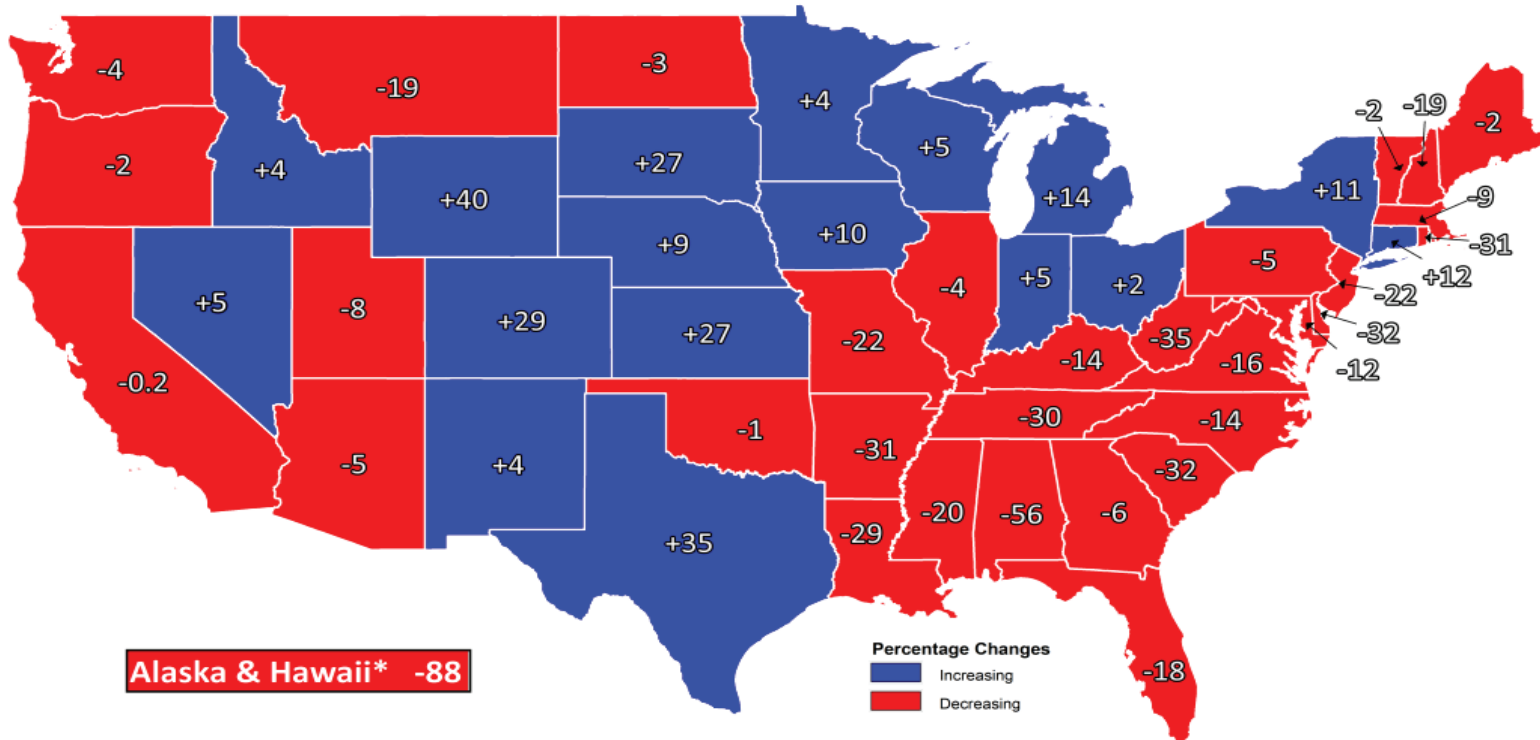


Percentage of 2020 U.S. Totals		
	U.S. Milk Production	U. S. Population Estimate
California	18.49	11.95
Wisconsin	13.77	1.77
Idaho	7.28	0.55
New York	6.87	5.87
Texas	6.64	8.91
5-State Total	53.05	29.05

2020 Per Capita Milk Production



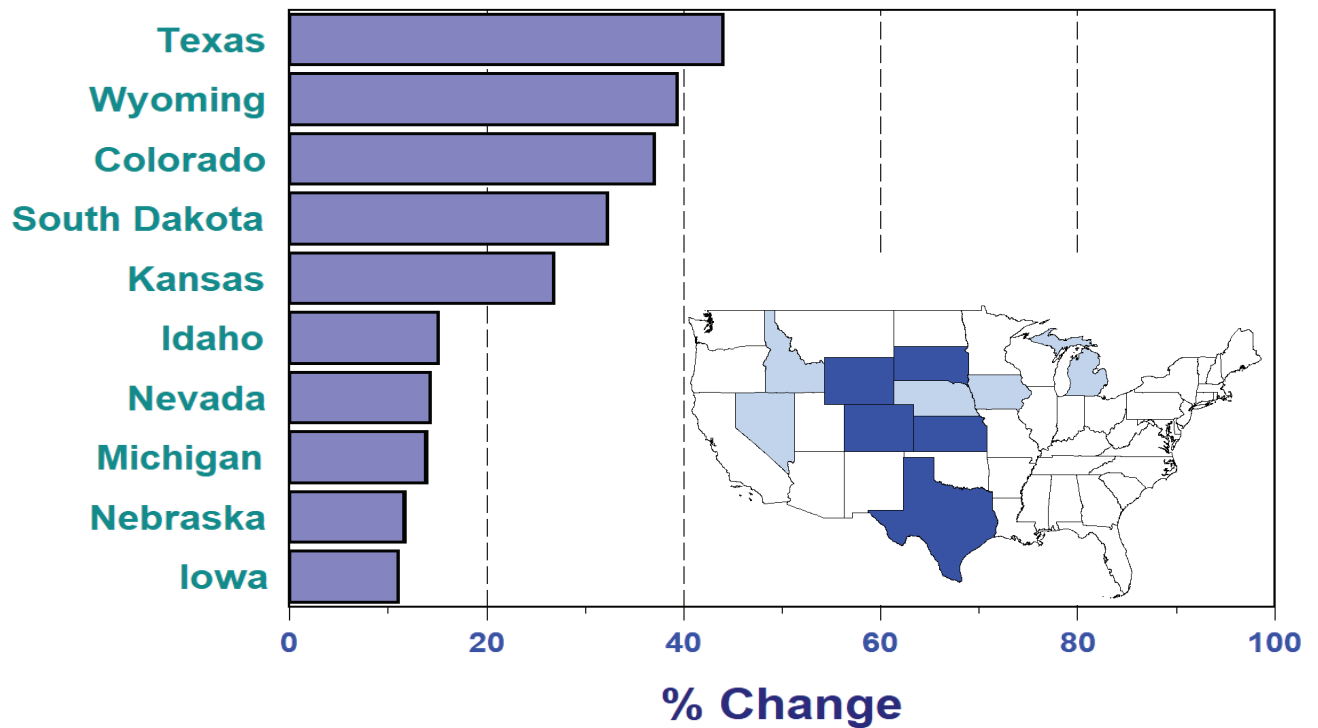
Percent Change In Per Capita Milk Production 2020 vs 2015



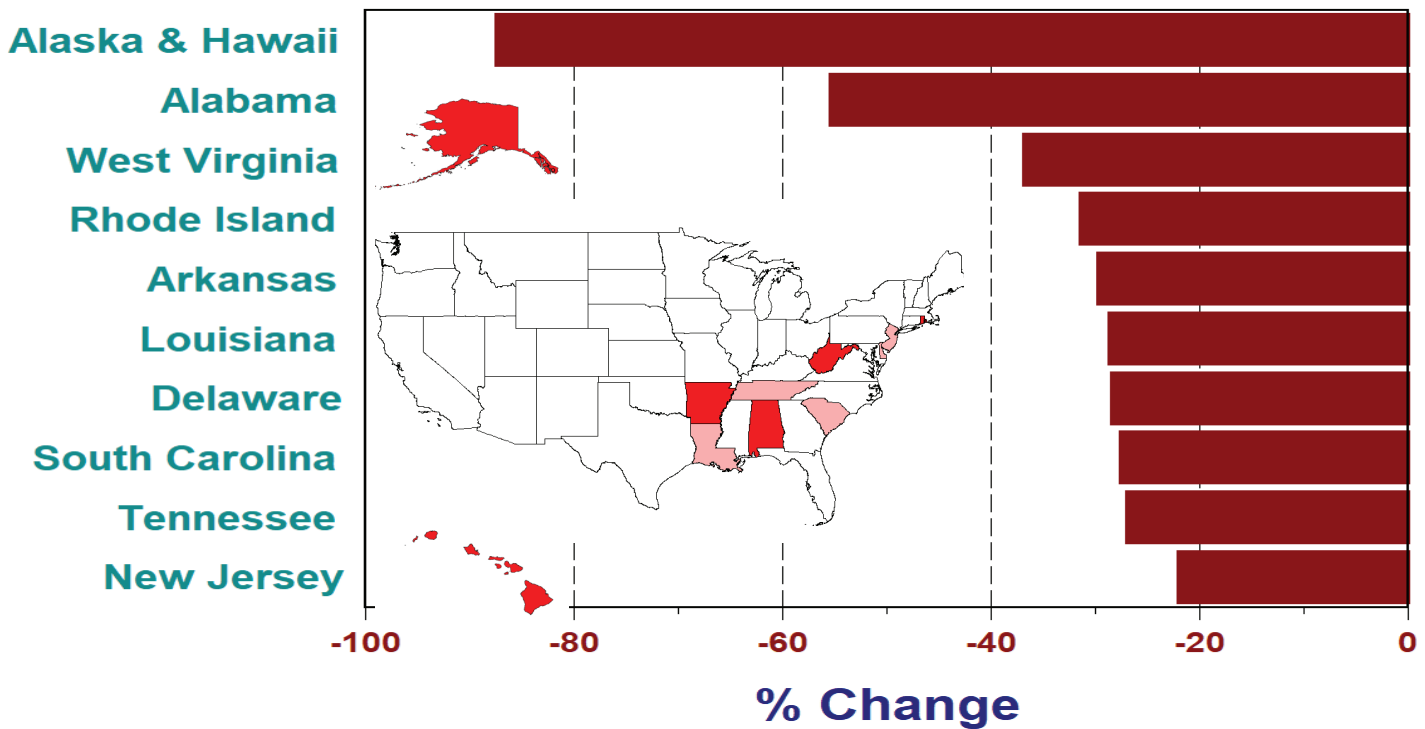
Milk Production: 2020 vs 2015

U.S. Average = +7.0%

Largest Production Increases



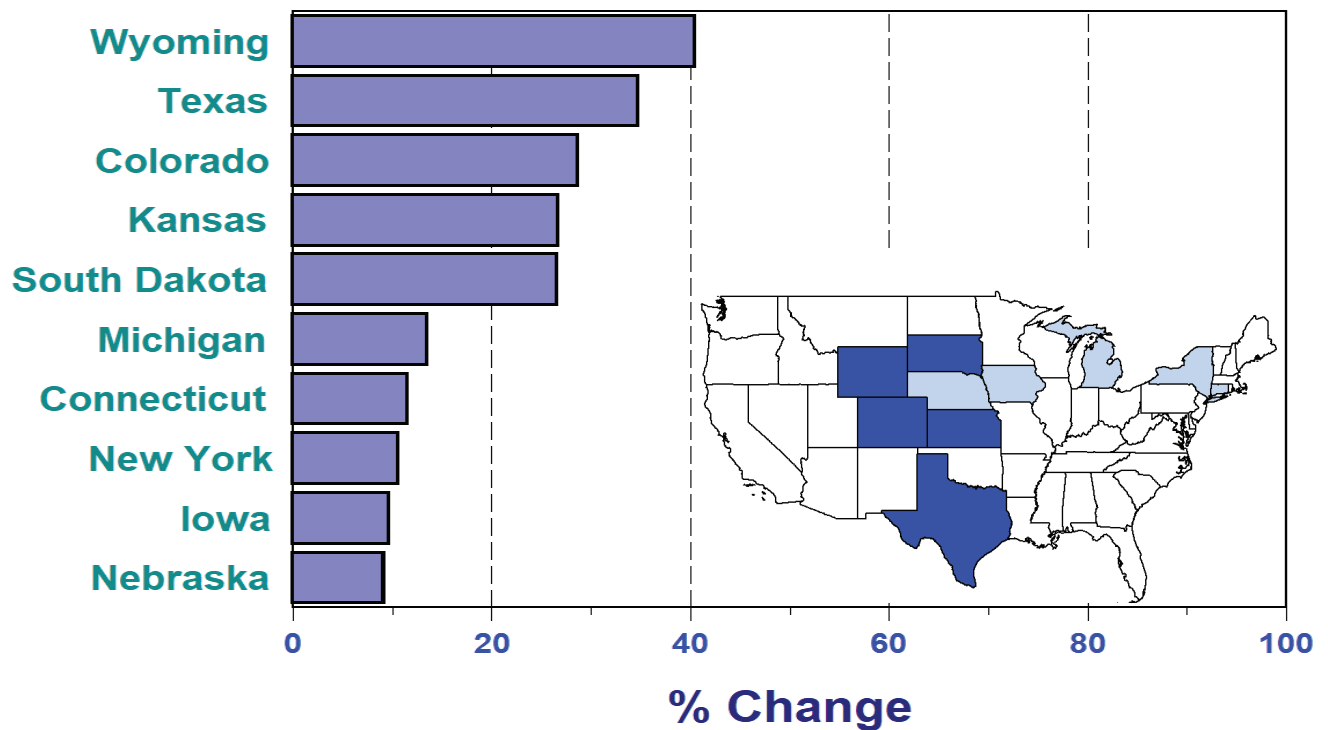
Largest Production Decreases



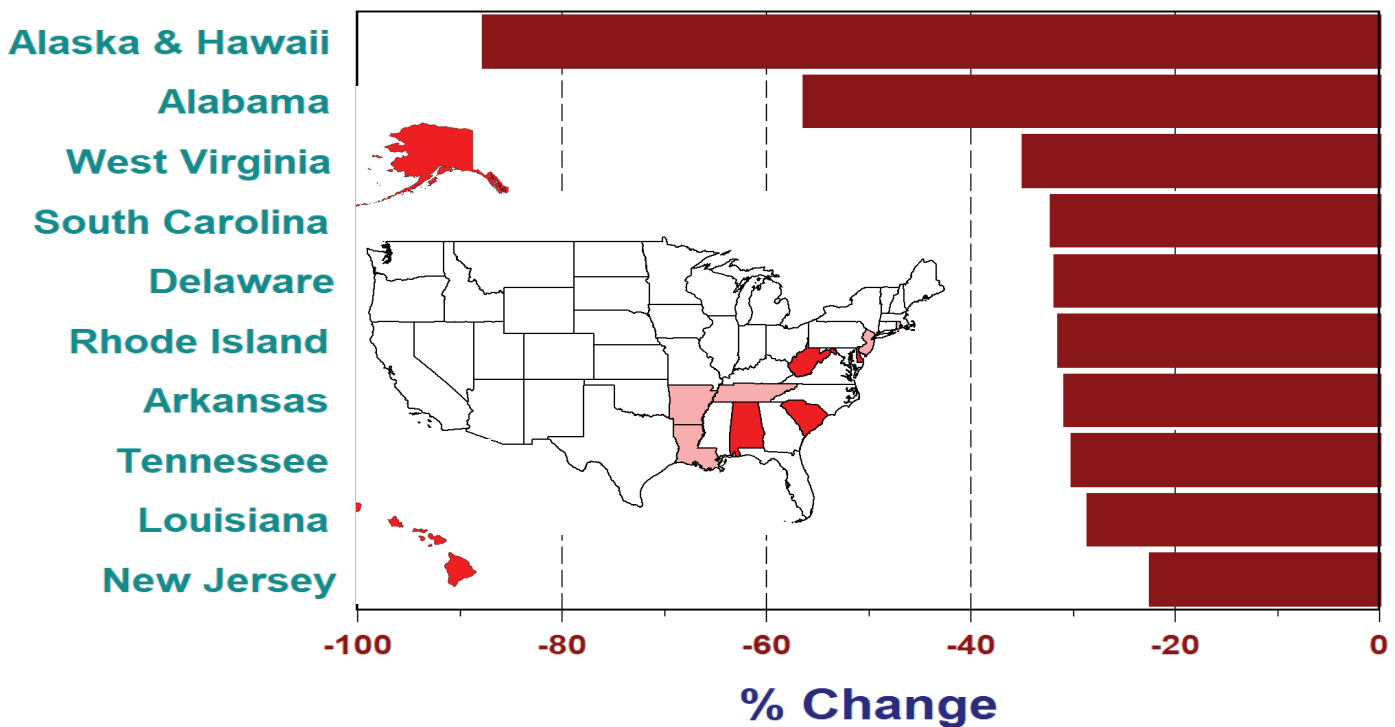
Per Capita Milk Production: 2020 vs 2015

U.S. Average = +4.2%

Largest Per Capita Increases

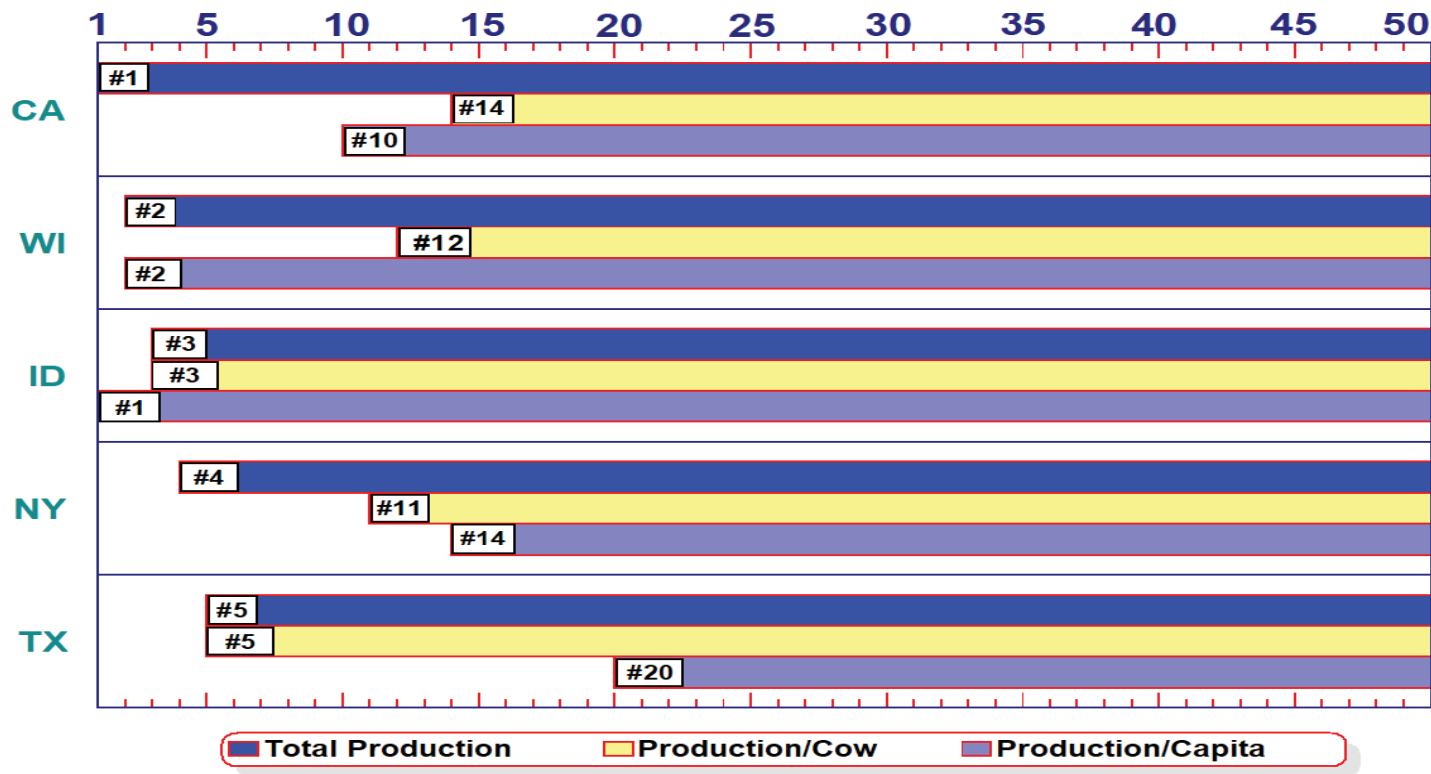


Largest Per Capita Decreases

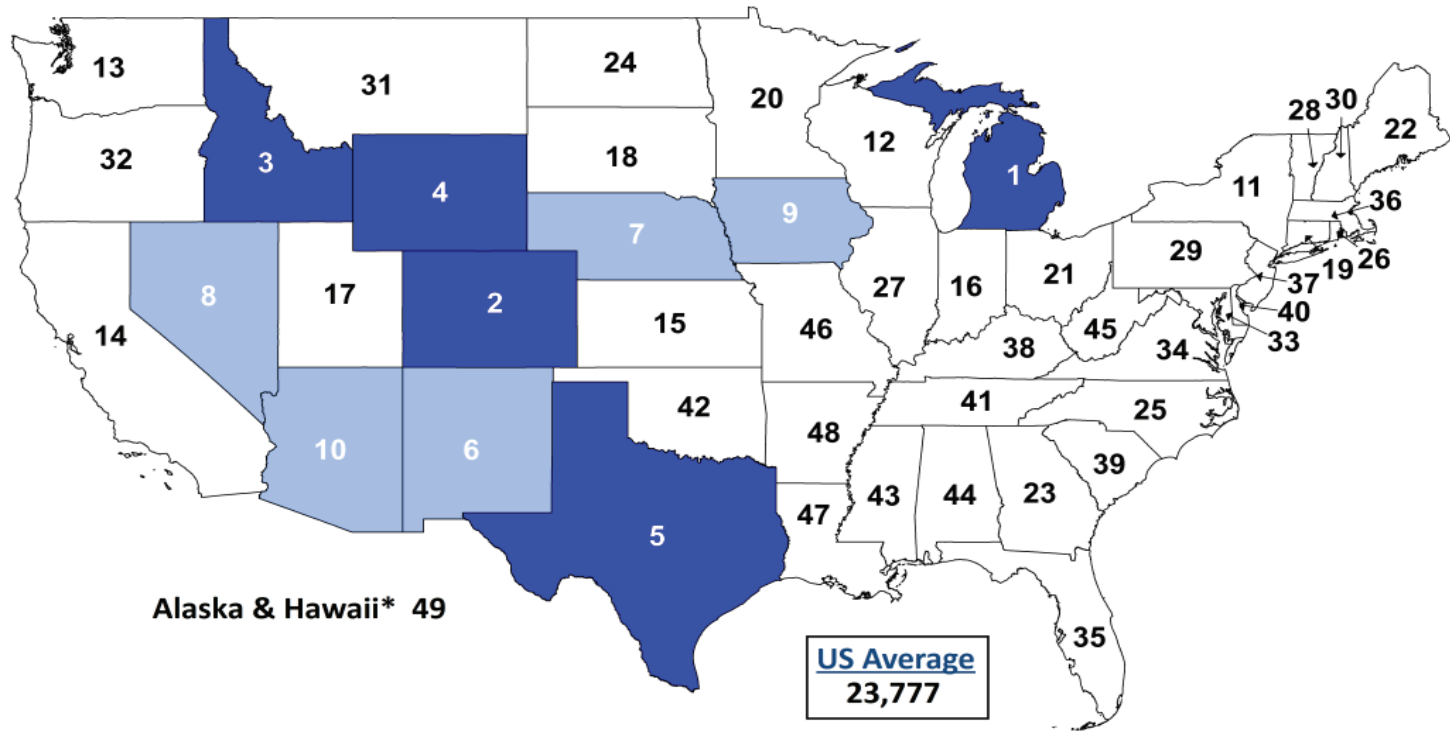


2020 Milk Production: Top Five States

State Rankings



2020 Milk Production Per Cow Ranking Top Ten States Highlighted



Per Capita Milk Production

2020 versus 2019 & 2015 - By State

States	Per Capita Milk Production			Change In Per Capita Milk Production			
	2020	2019	2015	2020 vs 2019		2020 vs 2015	
				Pounds	Percent	Pounds	Percent
1 Idaho	8,889.9	8,737.5	8,541.0	152.4	1.7	348.9	4.1
2 Wisconsin	5,268.6	5,251.5	5,037.4	17.1	0.3	231.2	4.6
3 Vermont	4,174.2	4,321.8	4,260.1	-147.6	-3.4	-85.9	-2.0
4 New Mexico	3,878.3	3,899.3	3,746.8	-21.0	-0.5	131.5	3.5
5 South Dakota	3,494.9	3,167.5	2,760.2	327.4	10.3	734.7	26.6
6 Minnesota	1,794.0	1,759.2	1,725.4	34.8	2.0	68.6	4.0
7 Iowa	1,698.7	1,674.6	1,549.4	24.1	1.4	149.3	9.6
8 Kansas	1,382.4	1,311.2	1,091.1	71.2	5.4	291.3	26.7
9 Michigan	1,172.2	1,140.2	1,032.9	32.0	2.8	139.3	13.5
10 California	1,048.6	1,029.3	1,051.2	19.3	1.9	-2.6	-0.2
11 Colorado	886.8	834.8	688.8	52.0	6.2	198.0	28.7
12 Washington	886.1	890.9	921.7	-4.8	-0.5	-35.6	-3.9
13 Pennsylvania	803.9	789.8	844.4	14.1	1.8	-40.5	-4.8
14 New York	793.2	777.0	717.0	16.2	2.1	76.2	10.6
15 Nebraska	753.5	729.1	690.8	24.4	3.3	62.7	9.1
16 Utah	685.3	705.5	744.1	-20.2	-2.9	-58.8	-7.9
17 Arizona	658.8	654.3	693.0	4.5	0.7	-34.2	-4.9
18 Indiana	641.0	605.6	608.8	35.4	5.8	32.2	5.3
19 Oregon	619.8	625.0	634.8	-5.2	-0.8	-15.0	-2.4
20 Texas	505.1	477.8	375.0	27.3	5.7	130.1	34.7
21 Ohio	480.4	463.8	472.6	16.6	3.6	7.8	1.7
22 Maine	439.2	461.4	446.9	-22.2	-4.8	-7.7	-1.7
23 North Dakota	428.6	426.9	439.4	1.7	0.4	-10.8	-2.5
24 Wyoming	324.2	252.7	230.9	71.5	28.3	93.3	40.4
25 Nevada	243.8	246.5	233.2	-2.7	-1.1	10.6	4.5
26 Montana	235.1	242.0	289.9	-6.9	-2.9	-54.8	-18.9
27 Kentucky	209.5	210.6	243.2	-1.1	-0.5	-33.7	-13.9
28 Oklahoma	184.1	184.6	185.9	-0.5	-0.3	-1.8	-1.0
29 Virginia	177.2	174.1	211.7	3.1	1.8	-34.5	-16.3
30 Missouri	176.4	179.1	224.7	-2.7	-1.5	-48.3	-21.5
31 New Hampshire	171.3	175.6	210.8	-4.3	-2.4	-39.5	-18.7
32 Georgia	165.5	166.6	176.5	-1.1	-0.7	-11.0	-6.2
33 Maryland	145.0	138.7	164.1	6.3	4.5	-19.1	-11.6
34 Illinois	142.0	138.0	147.3	4.0	2.9	-5.3	-3.6
35 Connecticut	123.1	120.0	110.4	3.1	2.6	12.7	11.5
36 Florida	105.3	109.2	127.7	-3.9	-3.6	-22.4	-17.5
37 North Carolina	84.4	85.9	98.1	-1.5	-1.7	-13.7	-14.0
38 Tennessee	78.7	80.7	112.5	-2.0	-2.5	-33.8	-30.0
39 Delaware	71.4	75.5	104.6	-4.1	-5.4	-33.2	-31.7
40 West Virginia	49.9	50.1	76.5	-0.2	-0.4	-26.6	-34.8
41 Mississippi	44.2	42.3	55.2	1.9	4.5	-11.0	-19.9
42 South Carolina	36.2	39.9	53.3	-3.7	-9.3	-17.1	-32.1
43 Massachusetts	28.9	28.0	31.9	0.9	3.2	-3.0	-9.4
44 Louisiana	28.8	29.0	40.3	-0.2	-0.7	-11.5	-28.5
45 Arkansas	21.1	22.2	30.5	-1.1	-5.0	-9.4	-30.8
46 New Jersey	11.1	11.2	14.3	-0.1	-0.9	-3.2	-22.4
47 Rhode Island	10.3	10.0	15.0	0.3	3.0	-4.7	-31.3
48 Alabama	9.1	12.2	20.8	-3.1	-25.4	-11.7	-56.3
49 Alaska/Hawaii	2.2	2.3	17.8	-0.1	-4.3	-15.6	-87.6
U.S. Totals	677.5	665.3	650.4	12.2	1.8	27.1	4.2

Data Sources:

Milk Production : *Milk Production*, National Agricultural Statistics Service, Agriculture Statistics Board, USDA.
Population : 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

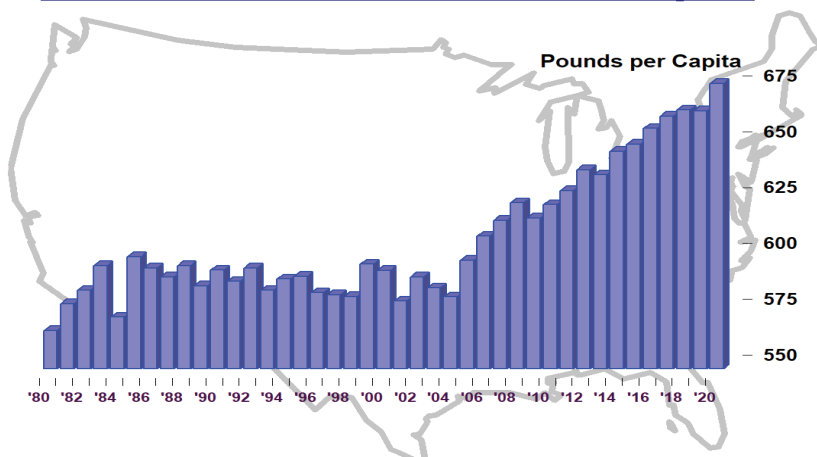
E-mail: market.administrator@fmmacentral.com

Phone: 913-495-9300

FIRST CLASS

	Statistical Uniform Price		Producer Price Differential		Class I Utilization	
	Jan '21	Dec '20	Jan '21	Dec '20	Jan '21	Dec '20
Northeast	15.91	17.26	-0.13	1.54	30.45	31.86
Appalachian	17.42	20.61	-----	-----	70.57	68.06
Florida	19.26	23.18	-----	-----	79.01	80.84
Southeast	17.59	20.99	-----	-----	67.91	68.29
Upper Midwest	15.12	18.97	-0.92	0.17	20.51	13.28
Central	14.44	16.23	-1.60	0.51	41.34	37.88
Mideast	14.96	16.90	-1.08	1.18	41.15	41.38
California	14.24	14.94	-1.80	-0.78	20.53	21.90
Pacific Northwest	14.68	15.52	-1.36	-0.20	22.16	24.00
Southwest	14.90	16.31	-1.14	0.59	34.01	33.56
Arizona	14.98	16.24	-----	-----	29.70	25.33

U.S. Milk Production Per Capita



The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, age, disability, and where applicable, sex (including gender identity and expression), marital status, familial status, parental status, religion, sexual orientation, political beliefs, genetic information, reprisal, or because all or part of an individual's income is derived from any public assistance program. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at (202) 720-2600 (voice and TDD).

To file a complaint of discrimination, write to USDA, Assistant Secretary for Civil Rights, Office of the Assistant Secretary for Civil Rights, 1400 Independence Avenue, S.W., Stop 9410, Washington, D.C. 20250-9410. Or call toll-free at (866) 632-9992 (English) or (800) 877-8339 (TDD) or (866) 377-8642 (English Federal-relay) or (800) 845-6136 (Spanish Federal-relay). USDA is an equal opportunity provider and employer.