

Milk Production

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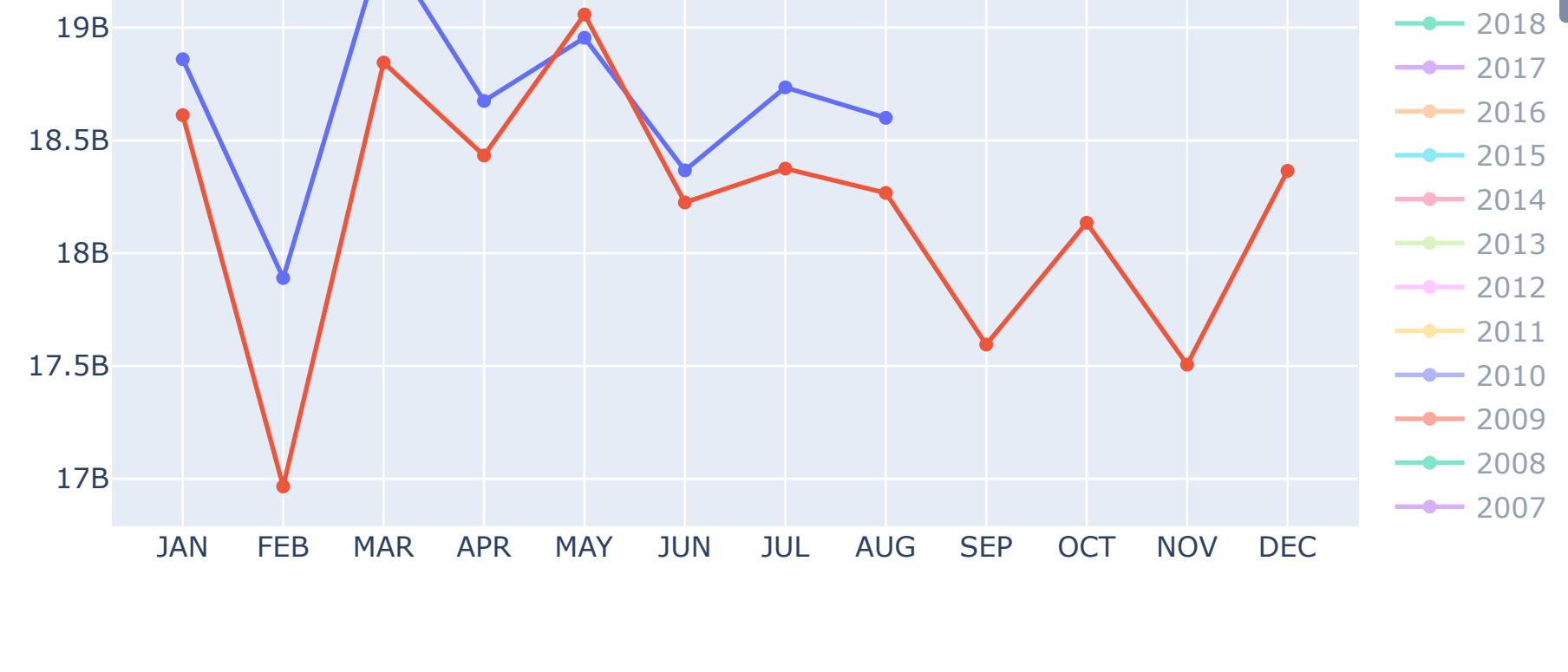
[Month] Milk Production [up/down] [#.#] Percent.

Milk production in the United States during [MONTH] totaled [##.# order of magnitude] pounds, [up/down] [#.#] percent from [MONTH] [LAST YEAR].

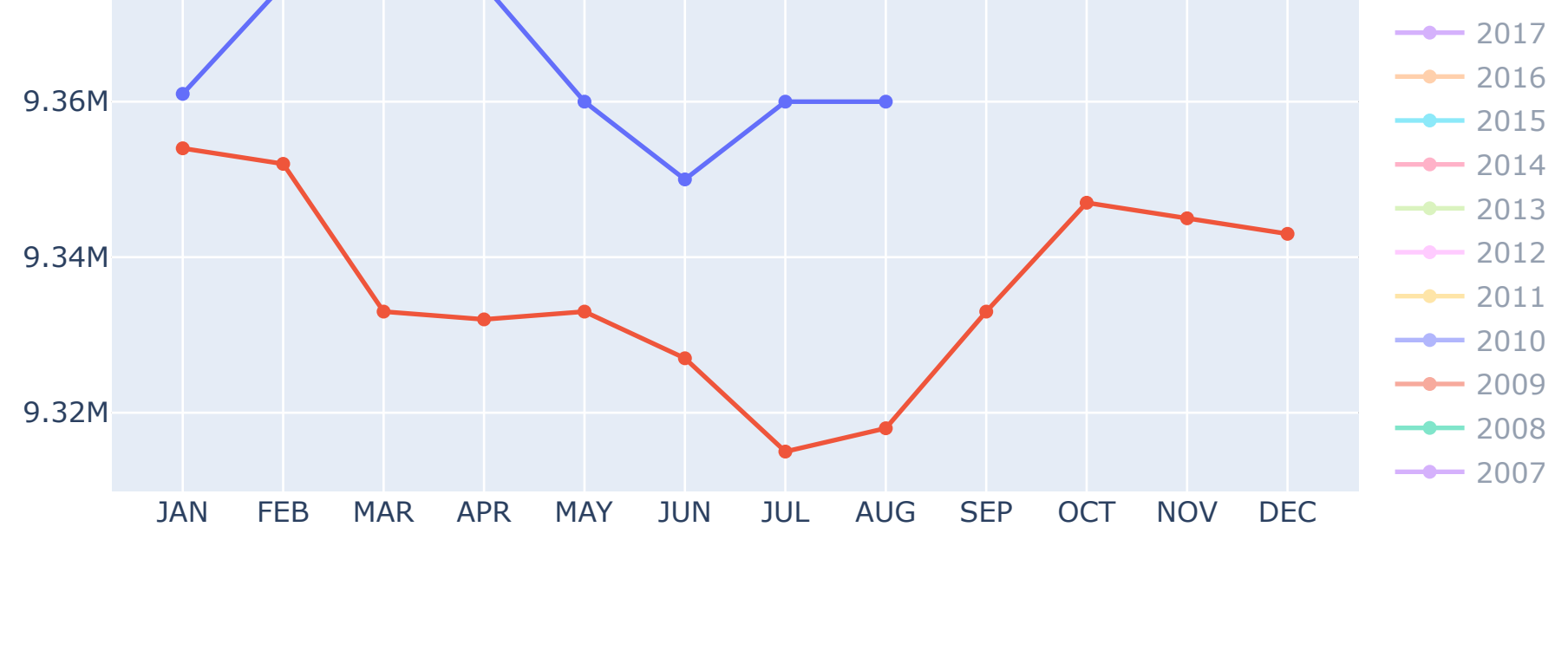
Production per cow in the United States averaged [#.#] pounds for [MONTH]. [##] pounds [above/below] [MONTH LAST YEAR].

The number of milk cows on farms in the United States was [#.# order of magnitude] head, [##-###] head more than [MONTH LAST YEAR], but [unchanged from/above/below] [LAST MONTH]

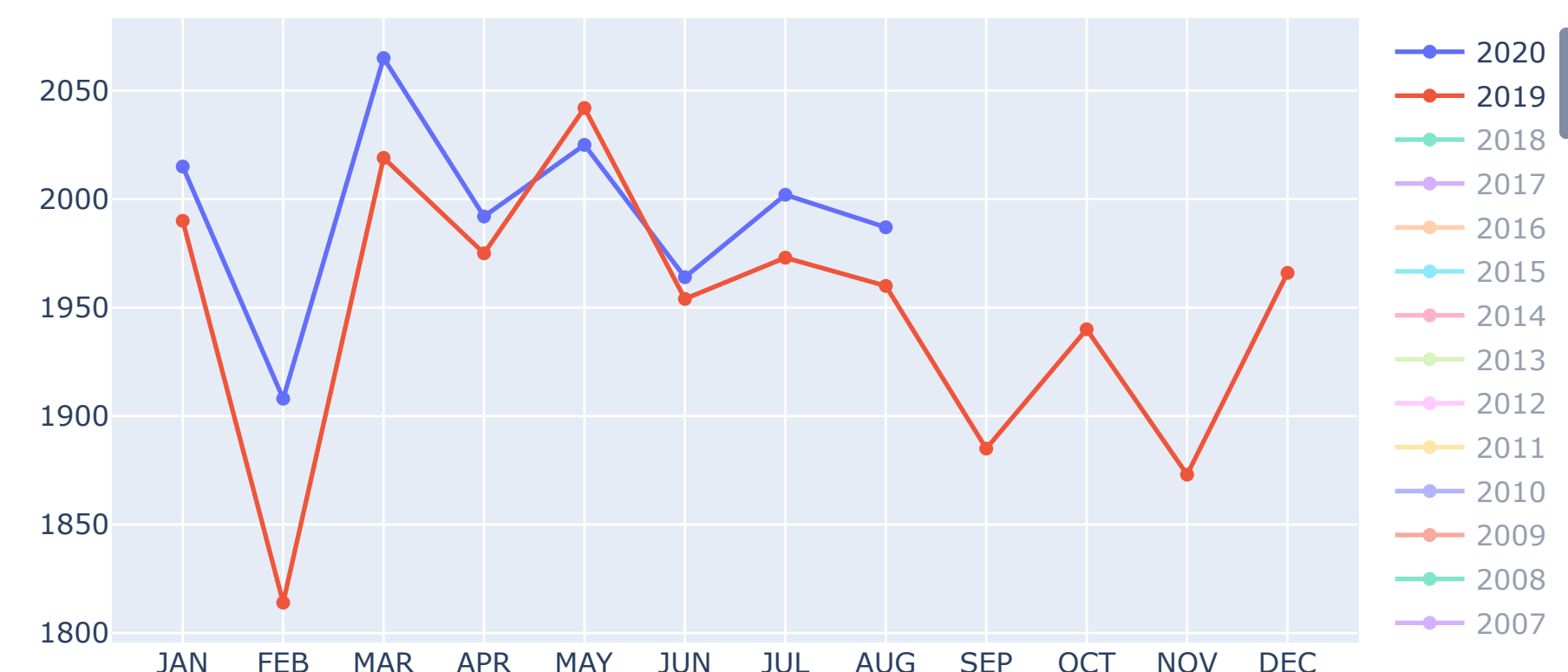
Monthly Milk Production Lbs - National



Monthly Milk Cows - National



Monthly Milk Per Cow - National



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Data-Dictionary & Footnotes

A data-dictionary describes the attributes (aka variables) that appear in a table.

Data Dictionary

Attribute	Description and Footnotes	Units	Aggregation	Data Item	Commodity
Year	Calendar year of survey estimate	Calendar year		Year	
Period	Calendar month of survey estimate	Calendar month		Period	
Milk Cows	Heads of milk-producing cattle. Includes dry cows. Excludes heifers not yet fresh	Heads of cattle	Unclear, presumably sum of state counts but the "Data Item" name includes "AVG" which is confusing	CATTLE, COWS, MILK - INVENTORY, AVG, MEASURED IN HEAD	CATTLE
Milk Production (lbs)	Total pounds of milk produced. Excludes milk sucked by calves.	Lbs	Total	MILK - PRODUCTION, MEASURED IN LB	MILK
Milk Per Cow	Total pounds of milk produced divided by number of milk producing cows. Excludes milk sucked by calves.	Lbs per cattle-head	Average	MILK - PRODUCTION, MEASURED IN LB / HEAD	MILK
Month	Calendar month as integer	Calendar month		Month	
Quarter	Calendar quarter as integer (1 corresponds to Jan. through Mar, etc.)	Calendar quarter			

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Values in tables may not add due to rounding. Blank cells indicate estimation period has not yet begin

Milk Cows and Production by Quarter - United States: 2019-2020

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Quarter	2019 Milk Cows	2020 Milk Cows	2019 Milk Per Cow	2020 Milk Per Cow	2019 Milk Production (lbs)	2020 Milk Production (lbs)	2020 Milk Production (lbs) Percent Change from 2019
1	8,805,000	8,834,000	2,010	2,033	17,699,000,000	17,956,000,000	0.015
2	8,803,000	8,848,000	1,833	1,925	16,132,000,000	17,031,000,000	0.056
3	8,789,000	8,857,000	2,038	2,084	17,916,000,000	18,455,000,000	0.03
4	8,788,000	8,852,000	1,996	2,008	17,544,000,000	17,778,000,000	0.013

Agg	Sum 2019 Milk Cows	Sum 2020 Milk Cows	Sum 2019 Milk Per Cow	Sum 2020 Milk Per Cow	Sum 2019 Milk Production (lbs)	Sum 2020 Milk Production (lbs)	Avg 2020 Milk Production (lbs) Percent Change from 2019
Annual	35,185,000	17,682,000	7,877	3,958	69,291,000,000	34,987,000,000	0.04

Milk Cows and Production by Month - States: 2019-2020

[Analyze online](#)

Month	2019 Milk Cows	2020 Milk Cows	2019 Milk Per Cow	2020 Milk Per Cow	2019 Milk Production (lbs)	2020 Milk Production (lbs)	2020 Milk Production (lbs) Percent Change from 2019
1	8,805,000	8,834,000	2,010	2,033	17,699,000,000	17,956,000,000	0.015
2	8,803,000	8,848,000	1,833	1,925	16,132,000,000	17,031,000,000	0.056
3	8,789,000	8,857,000	2,038	2,084	17,916,000,000	18,455,000,000	0.03
4	8,788,000	8,852,000	1,996	2,008	17,544,000,000	17,778,000,000	0.013
5	8,790,000	8,836,000	2,063	2,043	18,137,000,000	18,049,000,000	-0.005
6	8,784,000	8,827,000	1,974	1,981	17,342,000,000	17,486,000,000	0.008
7	8,785,000	8,829,000	1,997	2,016	17,542,000,000	17,800,000,000	0.015
8	8,789,000	8,829,000	1,997	2,016	17,439,000,000	17,800,000,001	1.015
9	8,805,000		1,908		16,796,000,000		
10	8,819,000		1,962		17,299,000,000		
11	8,817,000		1,894		16,699,000,000		
12	8,816,000		1,987		17,517,000,000		

Annual	Sum 2019 Milk Cows	Sum 2020 Milk Cows	Sum 2019 Milk Per Cow	Sum 2020 Milk Per Cow	Sum 2019 Milk Production (lbs)	Sum 2020 Milk Production (lbs)	Avg 2020 Milk Production (lbs) Percent Change from 2019
Aggregate	105,590,000	70,712,000	23,659	16,106	208,062,000,000	142,355,000,001	0.14

Estimated Milk Cows and Production by Month - United States: 2019-2020

[Analyze online](#)

Month	2019 Milk Cows	2020 Milk Cows	2019 Milk Per Cow	2020 Milk Per Cow	2019 Milk Production (lbs)	2020 Milk Production (lbs)	2020 Milk Production (lbs) Percent Change from 2019
1	8,805,000	8,834,000	2,010	2,033	17,699,000,000	17,956,000,000	0.015
2	8,803,000	8,848,000	1,833	1,925	16,132,000,000	17,031,000,000	0.056
3	8,789,000	8,857,000	2,038	2,084	17,916,000,000	18,455,000,000	0.03
4	8,788,000	8,852,000	1,996	2,008	17,544,000,000	17,778,000,000	0.013
5	8,790,000	8,836,000	2,063	2,043	18,137,000,000	18,049,000,000	-0.005
6	8,784,000	8,827,000	1,974	1,981	17,342,000,000	17,486,000,000	0.008
7	8,785,000	8,829,000	1,997	2,016	17,542,000,000	17,800,000,000	0.015
8	8,789,000	8,829,000	1,997	2,016	17,439,000,000	17,800,000,001	1.015
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11	8,817,000		1,894		16,699,000,000		
12	8,816,000		1,987		17,517,000,000		

Annual	Sum 2019 Milk Cows	Sum 2020 Milk Cows	Sum 2019 Milk Per Cow	Sum 2020 Milk Per Cow	Sum 2019 Milk Production (lbs)	Sum 2020 Milk Production (lbs)	Avg 2020 Milk Production (lbs) Percent Change from 2019
Aggregate	105,590,000	70,712,000	23,659	16,106	208,062,000,000	142,355,000,001	0.14

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Tidy Data - Long Format

Long format makes it very easy to automatically generate correlation analyses (scatter plots showing change of one variable as a function of another)

Monthly National Tidy Data - Long Format

[Analyze online](#)

Milk Production (lbs)	Milk Cows	Milk Per Cow	Year	Month	Quarter
17,699,000,000	8,805,000	2,010	2019	1	1
16,132,000,000	8,803,000	1,833	2019	2	1
17,916,000,000	8,789,000	2,038	2019	3	1
17,544,000,000	8,788,000	1,996	2019	4	2
18,137,000,000	8,790,000	2,063	2019	5	2
17,342,000,000	8,784,000	1,974	2019	6	2
17,542,000,000	8,785,000	1,997	2019	7	3
17,439,000,000	8,789,000	1,984	2019	8	3
16,796,000,000	8,805,000	1,908	2019	9	3
17,299,000,000	8,819,000	1,962	2019	10	4
16,699,000,000	8,817,000	1,894	2019	11	4
17,517,000,000	8,816,000	1,987	2019	12	4
17,956,000,000	8,834,000	2,033	2020	1	1
17,031,000,000	8,848,000	1,925	2020	2	1
18,455,000,000	8,857,000	2,084	2020	3	1
17,778,000,000	8,852,000	2,008	2020	4	2
18,049,000,000	8,836,000	2,043	2020	5	2
17,486,000,000	8,827,000	1,981	2020	6	2
17,800,000,000	8,829,000	2,016	2020	7	3