

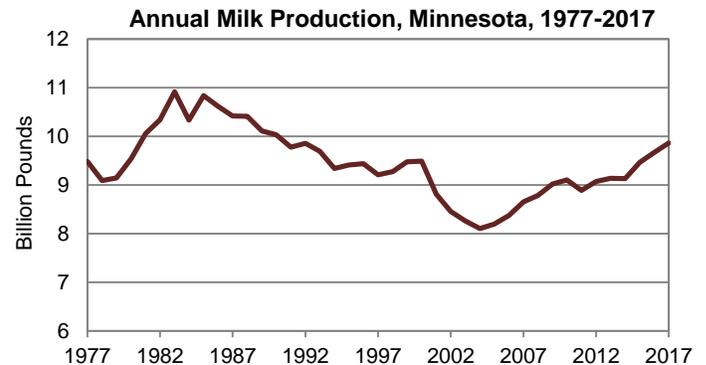


## MILK PRODUCTION

**Milk production** in Minnesota during January 2018 totaled 837 million pounds, up 1 percent from the previous January. The average number of milk cows during January, at 455,000 head, was 1,000 fewer than last month and down 5,000 from last year. Monthly production per cow averaged 1,840 pounds, up 35 pounds from last January.

Milk production in the 23 major States during January totaled 17.3 billion pounds, up 1.8 percent from January 2017. December revised production, at 17.0 billion pounds, was up 1.1 percent from December 2016. The December revision represented an increase of 4 million pounds or less than 0.1 percent from last month's preliminary production estimate. Production per cow in the 23 major States averaged 1,979 pounds for January, 24 pounds above January 2017. This is the highest production per cow for the month of January since the 23 State series began in 2003. The number of milk cows on farms in the 23 major States was 8.74 million head, 49,000 head more than January 2017, and 4,000 head more than December 2017.

The annual production of milk for the United States during 2017 was 215 billion pounds, 1.4 percent above 2016. Revisions to 2016 production decreased the annual total 31 million pounds. Revised 2017 production was up 35 million pounds from last month's publication. Annual total milk production has increased 13.4 percent from 2008. Production per cow in the United States averaged 22,941 pounds for 2017, 163 pounds above 2016. The average annual rate of milk production per cow has increased 12.5 percent from 2008. The average number of milk cows on farms in the United States during 2017 was 9.39 million head, up 0.7 percent from 2016. The average number of milk cows was unrevised for 2017. The average annual number of milk cows has increased 0.8 percent from 2008.



### Milk Cows and Production – Selected States: January 2017 and 2018

State	Milk Cows <sup>1</sup>		Milk Per Cow <sup>2</sup>		Milk Production <sup>2</sup>		
	2017	2018	2017	2018	2017	2018	Change from 2017
	<i>(1,000 head)</i>		<i>(pounds)</i>		<i>(million pounds)</i>		
California .....	1,755	1,739	1,945	2,005	3,413	3,487	+2.2
Idaho .....	600	602	1,995	2,030	1,197	1,222	+2.1
Michigan .....	425	428	2,190	2,200	931	942	+1.2
<b>Minnesota.....</b>	<b>460</b>	<b>455</b>	<b>1,805</b>	<b>1,840</b>	<b>830</b>	<b>837</b>	<b>+0.8</b>
New Mexico .....	325	334	2,090	2,135	679	713	+5.0
New York .....	621	625	2,030	1,950	1,261	1,219	-3.3
Pennsylvania .....	525	525	1,765	1,790	927	940	+1.4
Texas .....	494	515	2,015	2,045	995	1,053	+5.8
Wisconsin .....	1,280	1,275	1,980	1,995	2,534	2,544	+0.4
23-State Total.....	8,691	8,740	1,955	1,979	16,993	17,293	+1.8

<sup>1</sup> Includes dry cows, excludes heifers not yet fresh. <sup>2</sup> Excludes milk sucked by calves.

### Annual Milk Cows and Production – Selected States, 2016 and 2017

State	Milk Cows <sup>1</sup>		Milk Per Cow <sup>2</sup>		Milk Production <sup>2</sup>		
	2016	2017	2016	2017	2016	2017	Change from 2016
	<i>(1,000 head)</i>		<i>(pounds)</i>		<i>(million pounds)</i>		
California .....	1,762	1,749	22,968	22,755	40,469	39,798	-1.7
Idaho .....	595	600	24,647	24,378	14,665	14,627	-0.3
Michigan .....	419	427	25,957	26,302	10,876	11,231	+3.3
<b>Minnesota.....</b>	<b>461</b>	<b>458</b>	<b>20,967</b>	<b>21,537</b>	<b>9,666</b>	<b>9,864</b>	<b>+2.0</b>
New Mexico .....	315	329	24,479	24,960	7,711	8,212	+6.5
New York .....	620	623	23,834	23,936	14,777	14,912	+0.9
Pennsylvania .....	529	525	20,454	20,834	10,820	10,938	+1.1
Texas .....	475	511	22,680	23,589	10,773	12,054	+11.9
Wisconsin .....	1,279	1,278	23,542	23,725	30,110	30,320	+0.7
United States .....	9,325	9,392	22,778	22,941	212,405	215,466	+1.4

<sup>1</sup> Average number during year, excluding heifers not yet fresh. <sup>2</sup> Excludes milk sucked by calves.

## CHICKENS & EGGS

Minnesota **egg production** during January 2018 was 264 million eggs, up 3 percent from last month but down 5 percent from last year. The average number of **all layers on hand** during January 2018 was 11.1 million, up 2 percent from last month but down 1 percent from last year. **Eggs per 100 layers** for January were 2,389, up 1 percent from last month but down 4 percent from last year.

United States egg production totaled 8.98 billion during January 2018, down 1 percent from last year. Production included 7.84 billion table eggs, and 1.14 billion hatching eggs, of which 1.06 billion were broiler-type and 79.9 million were egg-type. The total number of layers during January 2018 averaged 382 million, up 1 percent from last year. January egg production per 100 layers was 2,351 eggs, down 2 percent from January 2017.

All layers in the United States on February 1, 2018 totaled 382 million, up 1 percent from last year. The 382 million layers consisted of 320 million layers producing table or market type eggs, 57.8 million layers producing broiler-type hatching eggs, and 3.42 million layers producing egg-type hatching eggs. Rate of lay per day on February 1, 2018, averaged 75.5 eggs per 100 layers, down 2 percent from February 1, 2017.

Egg-type chicks hatched during January 2018 totaled 52.2 million, up 16 percent from January 2017. Eggs in incubators totaled 51.4 million on February 1, 2018, up 7 percent from a year ago.

Domestic placements of egg-type pullet chicks for future hatchery supply flocks by leading breeders totaled 231 thousand during January 2018, up 4 percent from January 2017.

Broiler-type chicks hatched during January 2018 totaled 823 million, up 2 percent from January 2017. Eggs in incubators totaled 674 million on February 1, 2018, up 2 percent from a year ago.

### Layers on Hand and Eggs Produced – States and United States: During January 2017 and 2018

[Data may not add to totals due to rounding. Data by type of flock not shown for some states to avoid disclosing individual operations, data included in United States totals.]

State	Table egg layers in flocks 30,000 & above		All layers on hand		Eggs per 100 layers		Total egg production		Table egg production	
	2017	2018	2017	2018	2017	2018	2017	2018	2017	2018
	<i>(1,000 layers)</i>				<i>(eggs)</i>		<i>(million eggs)</i>			
Minnesota .....	<b>10,710</b>	<b>10,508</b>	<b>11,167</b>	<b>11,058</b>	<b>2,481</b>	<b>2,389</b>	<b>277.1</b>	<b>264.2</b>	<b>270.6</b>	<b>256.6</b>
United States .....	309,076	311,416	377,198	381,925	2,400	2,351	9,053.4	8,978.5	7,916.4	7,837.3

(D) Withheld to avoid disclosing data for individual operations. <sup>1</sup> Includes data for states not published in this table.

### Annual Layer Numbers and Egg Production: Top 15 Egg-Producing States with Published Numbers, 2016-2017<sup>1</sup>

State	Average number of layers		Eggs per layer <sup>2</sup>		Total egg production	
	2016	2017	2016	2017	2016	2017
	<i>(thousand)</i>		<i>(number)</i>		<i>(millions)</i>	
Iowa	49,230	55,170	276	289	13,603.7	15,953.1
Indiana	30,467	32,575	292	294	8,910.4	9,581.6
Ohio	33,278	30,833	287	289	9,546.0	8,903.8
Pennsylvania	27,177	27,812	302	295	8,201.2	8,212.8
Texas	20,583	21,567	271	267	5,571.8	5,760.5
Georgia	19,618	19,363	258	256	5,054.5	4,964.1
Michigan	13,364	14,270	297	296	3,963.9	4,224.7
North Carolina	14,501	15,223	257	259	3,731.4	3,935.3
California	12,082	13,198	287	285	3,473.5	3,758.5
Arkansas	13,799	13,962	247	242	3,411.4	3,376.9
<b>Minnesota</b>	<b>9,958</b>	<b>10,573</b>	<b>283</b>	<b>293</b>	<b>2,813.9</b>	<b>3,103.1</b>
Missouri	10,962	10,454	293	292	3,208.9	3,057.0
Nebraska	8,844	8,168	291	305	2,570.2	2,489.2
Washington	6,959	6,994	288	301	2,006.5	2,103.7
Florida	8,565	7,585	276	276	2,364.1	2,095.1
United States	365,997	375,845	279	281	102,111.5	105,688.7

<sup>1</sup> Annual estimates cover the period Dec. 1 of previous year to Nov. 30 of following year. Totals may not add due to rounding. <sup>2</sup> Total egg production divided by average number of layers on hand.

# GRAIN & OILSEED CRUSHINGS

## Dry and Wet Mill, Grains Consumed – United States: 2016-2017

Grain & Purpose	2016	2017
	<i>(1,000 bushels)</i>	
<b>Corn</b>		
Beverage alcohol	34,124	35,835
Fuel alcohol	5,289,181	5,493,881
Dry mill	4,734,762	4,934,449
Wet mill	554,419	559,432
Industrial alcohol	71,502	77,219
	<i>(1,000 cwt)</i>	
<b>Sorghum</b>		
Fuel alcohol	73,323	56,019

## Dry and Wet Mill, Co-products and Products Produced – United States: 2016-2017

Co-products and products	2016	2017
	<i>(tons)</i>	
<b>Dry mill</b>		
Condensed distillers solubles (CDS - syrup)	1,631,622	1,586,859
Corn oil (Corn Distillers Oil - CDO)	1,602,324	1,838,945
Distillers dried grains (DDG)	4,860,662	5,249,568
Distillers dried grains with solubles (DDGS)	23,178,739	23,247,309
Distillers wet grains (DWG) 65% or more moisture	15,254,034	16,090,340
Modified distillers wet grains (DWG) 40% to 64% moisture	4,816,665	5,337,670
<b>Wet mill</b>		
Corn germ meal	758,594	858,353
Corn gluten feed	3,951,834	3,979,445
Corn gluten meal	1,043,035	1,067,851
Wet corn gluten feed 40% to 60% moisture	3,669,732	3,592,002
<b>Dry and wet mill</b>		
Carbon dioxide captured	2,526,734	2,489,398

## Selected Oilseed Crushing, Production, Consumption and Stocks – United States: 2017

Item	Unit	North Central Region <sup>1</sup>	US Total			
		Soybeans	Soybeans	Canola	Corn	Sunflower
<b>Crush</b>						
Seeds crushed	<i>(tons)</i>	7,722,541	57,547,269	1,987,771	(NA)	(NA)
Crude oil produced	<i>(1,000 pounds)</i>	2,944,302	22,192,608	1,679,913	(NA)	(NA)
Cake and meal produced	<i>(tons)</i>	5,734,190	42,173,322	1,122,875	(NA)	(NA)
For animal feed	<i>(tons)</i>	(NA)	41,567,098	(NA)	(NA)	(NA)
For edible protein products	<i>(tons)</i>	(NA)	606,224	(NA)	(NA)	(NA)
Millfeed produced	<i>(tons)</i>	(NA)	2,931,533	(NA)	(NA)	(NA)
<b>Refine</b>						
Crude oil processed in refining	<i>(1,000 pounds)</i>	(NA)	17,376,319	1,545,013	2,256,786	429,251
Once refined oil produced	<i>(1,000 pounds)</i>	(NA)	16,943,425	1,504,308	2,201,646	411,389
<b>Consumption</b>						
Crude oil removed for inedible use in processing	<i>(1,000 pounds)</i>	(NA)	993,158	(D)	(D)	(D)
Once refined oil removed for use in processing	<i>(1,000 pounds)</i>	(NA)	16,794,334	1,748,921	2,110,419	485,946
Removed for edible use in processing	<i>(1,000 pounds)</i>	(NA)	13,317,826	(D)	(D)	(D)
Removed for inedible use in processing	<i>(1,000 pounds)</i>	(NA)	3,476,508	(D)	(D)	(D)

(D) Withheld to avoid disclosing data for individual operations. (NA) Not available. <sup>1</sup> North Central Region includes Michigan, Minnesota, North Dakota and South Dakota.