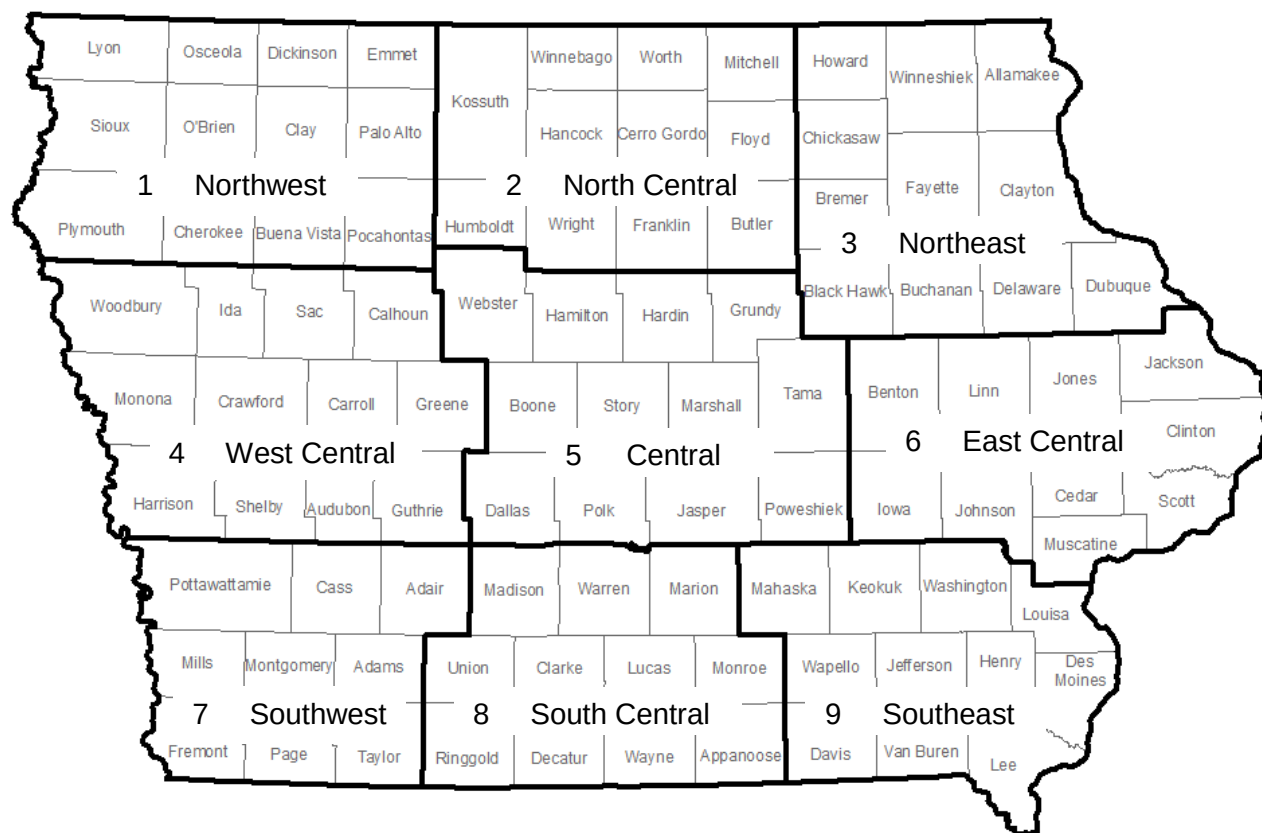




Iowa is divided into agricultural statistics districts for convenience in compiling and presenting statistical information on crops and livestock. These nine districts are outlined on the above map. The districts are designated as follows: Northwest (NW), North Central (NC), Northeast (NE), West Central (WC), Central (C), East Central (EC), Southwest (SW), South Central (SC), and Southeast (SE). In this bulletin, tables with statistical information by county have the counties grouped alphabetically within each district. Totals and averages are shown for each district.

Following is an alphabetical list of counties showing the crop reporting district in which each county is located:

Adair-----	SW	Davis-----	SE	Jefferson-----	SE	Pocahontas-----	NW
Adams-----	SW	Decatur-----	SC	Johnson-----	EC	Polk-----	C
Allamakee-----	NE	Delaware-----	NE	Jones-----	EC	Pottawattamie-----	SW
Appanoose-----	SC	Des Moines-----	SE	Keokuk-----	SE	Poweshiek-----	C
Audubon-----	WC	Dickinson-----	NW	Kossuth-----	NC	Ringgold-----	SC
Benton-----	EC	Dubuque-----	NE	Lee-----	SE	Sac-----	WC
Black Hawk-----	NE	Emmet-----	NW	Linn-----	EC	Scott-----	EC
Boone-----	C	Fayette-----	NE	Louisa-----	SE	Shelby-----	WC
Bremer-----	NE	Floyd-----	NC	Lucas-----	SW	Sioux-----	NW
Buchanan-----	NE	Franklin-----	NC	Lyon-----	NW	Story-----	C
Buena Vista-----	NW	Fremont-----	SW	Madison-----	SC	Tama-----	C
Butler-----	NC	Greene-----	WC	Mahaska-----	SE	Taylor-----	SW
Calhoun-----	WC	Grundy-----	C	Marion-----	SC	Union-----	SC
Carroll-----	WC	Guthrie-----	WC	Marshall-----	C	Van Buren-----	SE
Cass-----	SW	Hamilton-----	C	Mills-----	SW	Wapello-----	SE
Cedar-----	EC	Hancock-----	NC	Mitchell-----	NC	Warren-----	SC
Cerro Gordo-----	NC	Hardin-----	C	Monona-----	WC	Washington-----	SE
Cherokee-----	NW	Harrison-----	WC	Monroe-----	SC	Wayne-----	SC
Chickasaw-----	NE	Henry-----	SE	Montgomery-----	SW	Webster-----	C
Clarke-----	SC	Howard-----	NE	Muscataine-----	EC	Winnebago-----	NC
Clay-----	NW	Humboldt-----	NC	O'Brien-----	NW	Winneshiek-----	NE
Clayton-----	NE	Ida-----	WC	Osceola-----	NW	Woodbury-----	WC
Clinton-----	EC	Iowa-----	EC	Page-----	SW	Worth-----	NC
Crawford-----	WC	Jackson-----	EC	Palo Alto-----	NW	Wright-----	NC
Dallas-----	C	Jasper-----	C	Plymouth-----	NW		

2020 IOWA AGRICULTURAL STATISTICS



Compiled by

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MESSAGE FROM THE PRESIDENT IOWA FARM BUREAU

The Iowa Farm Bureau Federation (IFBF), the state's largest grassroots farm organization, is pleased to work with the U.S. Department of Agriculture's National Agricultural Statistics Service (NASS) in printing this book. The information compiled will help guide decisions of policymakers, legislators, business investors and farmers.

This 2020 Iowa Agricultural Statistics book not only provides an overall picture of agriculture in Iowa, it also gives a county-by-county breakdown of information, including a snapshot of localized statistics.

The Iowa Farm Bureau believes it's essential to make Iowa agricultural information accessible to the public to encourage informed decision making that forms public policy. As farmers and other

stakeholders invest resources into developing new uses and exploring new markets for agricultural commodities, access to accurate information about current markets is critical. The data in this book will help identify trends, market fluctuations and the impact those markets have on Iowa's economy.

The Iowa Farm Bureau would like to thank the farmers who provided NASS the essential information needed for the agency to compile this accurate and unbiased information guide that helps the entire agricultural industry plan and prepare for the future. Today, with new technology and sophisticated data collection by private entities, it is more important than ever that reliable data be publicly available for everyone.



Craig Hill
President
Iowa Farm Bureau

**Message from the Director
National Agricultural Statistics Service
Upper Midwest Region, Iowa Field Office**

The USDA's National Agricultural Statistics Service, Upper Midwest Regional Office is pleased to collaborate with the Iowa Farm Bureau to provide you with the latest edition of the *Iowa Agricultural Statistics**. This statistical profile of Iowa's agriculture not only includes state level information but also includes information for every Iowa County.

Enclosed you will find many interesting statistics about Iowa's vibrant and dynamic agricultural industry. I would like to highlight that in the 2019 ranking of states, Iowa ranked first in:

- Corn for Grain Production
- Corn Export Value
- Feeds and Other Grains Export Values
- Total Layers Inventory
- Egg Production
- Field and Miscellaneous Crops Value
- Hogs and Pigs Inventory & Value
- Pork Export Value
- Pig Crop
- Red Meat Production
- Sows Farrowed
- Commercial Hog Slaughter
- Capacity of On-Farm Storage Facilities
- Capacity of Off-Farm Storage Facilities
- Total Capacity of Storage Facilities
- Harvested Acreage of Principal Crops

Iowa ranked second in:

- Soybean Production
- Soybean Export Value
- Cash Receipts from Marketings
- Farm Production Expenditures
- Net Farm Income
- Total Value of Agricultural Exports

Publication and dissemination of these and other agricultural statistics is only possible with the support of the entire agricultural industry. I want to thank the Iowa farmers who completed their questionnaires on inventories and production, the buyers and processors who graciously provided data on their inventories and purchases, as well as all those who supplied analyses that made the *Iowa Agricultural Statistics* possible. It is only with your assistance that NASS is able to complete its mission of providing timely, accurate, and useful statistics in service to U.S. agriculture.

Thank you for your support and interest in Iowa agriculture. The Upper Midwest Regional Office staff is dedicated to meeting the agricultural data needs of all users. Please contact us anytime with your questions, comments, and requests for information.



Greg A. Thessen, Director

*Public funds are not used in the publishing of this book.

Table of Contents

Title Page	1
Message from Farm Bureau President.....	2
Message from NASS Upper Midwest Regional Director	3
Table of Contents	4
Iowa Agricultural Overview	6
Monthly and Annual Precipitation	8
Monthly and Annual Temperatures	9
Farms, Number and Average Size	10

Crops

Crop Summary: Iowa and U.S.	11
State Rankings: Harvested Crops, Crop Production And Storage Capacity	12
Record Highs and Lows: Acres, Yield, and Production	13
Hay & Grain Marketings & Grain Storage Capacity	14
Estimated Crop Production Costs	15
Corn	
Production Map and Graphs	16
County Estimates.....	17
Seasonal Progress Charts	19
Stocks	20
Supply and Use	21
Objective Yield Data	22
Prices.....	23
Biotech Varieties	24
Silage County Estimates	25
Soybeans	
Production Map and Graphs	26
County Estimates.....	27
Seasonal Progress Charts	29
Stocks	30
Supply and Use	31
Objective Yield Data	32
Prices.....	33
Biotech Varieties	34
Oats	
Production Map and Graphs	35
County Estimates.....	36
Prices.....	37
Hay	
Prices.....	38
Fertilizer Tonnage Distribution.....	39

Livestock

State Rankings: Livestock.....	40
Record Highs & Lows: Livestock Inventory	41
Cattle	
Inventory by County, January 1	42
Inventory and Value.....	44
Annual Production, Disposition, Income, & Prices.....	45
Estimated Returns	46
Commercial Cattle Slaughter.....	47
Feedlots and Marketings	48
Cattle on Feed Inventory < 1,000 Head.....	48
Cattle on Feed Inventory 1,000+ Head.....	49
Cattle on Feed Inventory Graphs.....	50
Milk Cows Inventory and Production	51
Milk Production, Disposition, Cash Receipts and Income	52
Dairy Products Manufactured by Month	53
Hogs & Pigs	
Inventory.....	54
Market & Breeding Inventory	55
Sows Farrowed, Pigs per Litter, & Pig Crop	56
Annual Production, Disposition, Income, & Prices.....	57
Estimated Returns	58
Commercial Hog Slaughter.....	59
Poultry	
Chickens Inventory & Rate of Lay	60
All Layers, Inventory and Eggs per 100	61
Production, Income, & Eggs Produced	62
Sheep	
Inventory and Value.....	63
Wool Production & Income; Lamb Crop, Farm Slaughter, & Death Loss.....	64
Commercial Sheep & Lamb Slaughter	65
Goats	66
Bees and Honey.....	66

Economics

Farm Production Expenditures	67
Cash Rent Maps.....	68
Cash Rent	69
Land Values	70
Land Value Graphs	71
Farm Custom Rates	72
Labor & Wage Rates	74

County Information

County Highlights	75
Adair - Adams - Allamakee	76
Appanoose - Audubon - Benton	77
Black Hawk - Boone - Bremer	78
Buchanan - Buena Vista - Butler	79
Calhoun - Carroll - Cass	80
Cedar - Cerro Gordo - Cherokee	81
Chickasaw - Clarke - Clay	82
Clayton - Clinton - Crawford	83
Dallas - Davis - Decatur.....	84
Delaware - Des Moines - Dickinson	85
Dubuque - Emmet - Fayette	86
Floyd - Franklin - Fremont	87

Greene - Grundy - Guthrie	88
Hamilton - Hancock - Hardin	89
Harrison - Henry - Howard	90
Humboldt - Ida - Iowa	91
Jackson - Jasper - Jefferson	92
Johnson - Jones - Keokuk.....	93
Kossuth - Lee - Linn	94
Louisa - Lucas - Lyon	95
Madison - Mahaska - Marion	96
Marshall - Mills - Mitchell.....	97
Monona - Monroe - Montgomery.....	98
Muscatine - O'Brien - Osceola	99
Page - Palo Alto - Plymouth	100
Pocahontas - Polk - Pottawattamie	101
Poweshiek - Ringgold - Sac	102
Scott - Shelby - Sioux.....	103
Story - Tama - Taylor	104
Union - Van Buren - Wapello	105
Warren - Washington - Wayne	106
Webster - Winnebago - Winneshiek.....	107
Woodbury - Worth - Wright	108



Much of the data used to calculate statistics published by the National Agricultural Statistics Service is collected by a part-time staff of telephone and field enumerators. This enumerator staff is employed by the National Association of State Departments of Agriculture (NASDA) and serves as contract workers for the USDA. The Upper Midwest Regional Office thanks the Iowa enumerators for their contribution and dedication in providing Iowa with the highest quality agricultural information possible.

2019 Iowa Agricultural Overview

Crops and Weather Summary

The 2019 crop season started slowly due to a historically wet spring limiting fieldwork to 2.3 days per week for the month of April. Pasture growth was slow throughout the month. On April 28, 56% of pastures were rated good to excellent. Corn planting was two days behind the five-year average with only 21% of the crop planted. Soybean planting was just underway, near the average. Oats planted was 77%, equal to the average. However, only 14% of the oats had emerged, over a week behind the five-year average.

The month of May experienced unseasonably wet and cold conditions resulting in just 2.1 days suitable for fieldwork per week. By May 19, nearly all oats were planted and 87% was emerged by the end of the following week. As of May 26, 76% of the expected corn acres were planted with emergence at 42%. Soybeans planted was at 32%, the lowest since 1993. Only 8% of the soybean acreage had emerged, nine days behind the average.

June brought drier weather allowing for an average of 3.9 days suitable for fieldwork per week. Nearly all corn was planted by June 16 and 96% was emerged by June 23. By June 30 soybean planting was nearly finished with 97% planted and 90% emerged, over a week behind average. Also by the end of June, oats headed was at 79% with 9% turning color. The first cutting of alfalfa hay began in early June, with 35% being harvested by June 9. The first cutting was nearly complete by July 14.

The summer continued with an unseasonably warm and dry July. Days suitable for fieldwork during July averaged 5.4 per week. By July 28, 69% of corn was in or beyond silking, one week behind the average, with 7% of the crop in the dough stage, five days behind the average. Soybeans development was one to two weeks behind average, with 65% of the crop blooming and 13% setting pods. Oats turning color, at 94%, was 2 days behind the five-year average. The second cutting of alfalfa hay had reached 76%, and the third cutting was underway.

The first half of August was characterized by very dry weather, while the second half experienced wetter-than-normal conditions. By the end of the month nearly all oats for grain were harvested. By August 25, corn development was nine days behind the average, with 76% in or beyond the dough stage and 21% denting. Nearly all soybeans were blooming, and 84% were setting pods, 12 days behind the five-year average. The second cutting of alfalfa was nearly complete and the third cutting reached 49%, 11 days behind average.

September brought cooler temperatures and at mid-month heavy rainfall began across the state. By September 29, corn development was two weeks behind average with only 90% of the crop at the dented stage or beyond and 36% mature. Soybeans began dropping leaves by mid-month and reached 49% by the end of the month, nine days behind the average. The third cutting of alfalfa reached 89%, almost two weeks behind the average.

October brought only slightly drier weather, allowing an average of 3.5 days suitable for fieldwork per week. The majority of the state experienced the first freeze during the second full week. By October 27, 26% of the corn had been harvested for grain, 11 days behind the average. Soybean harvest was 6 days behind average, with 66% of the crop harvested. The third cutting of alfalfa hay concluded nearly 3 weeks behind the five-year average.

Nearly all of the soybean harvest was completed by December 1, over two weeks behind the five-year average. By December 8, 95% of the corn for grain had been harvested, over two weeks behind average. The season concluded with isolated corn fields, particularly in the Northeast and South Central districts, remaining to be harvested.

Livestock Summary

Iowa's cattle and hog producers received \$11.7 billion in cash receipts during 2019, virtually unchanged from 2018. Hog sales accounted for a total of \$7.77 billion, while cattle and calves sales totaled \$3.93 billion.

Iowa producers had 3.90 million cattle and calves on farms January 1, 2020, down 50,000 head from January 1, 2019. Cows that calved accounted for 1.12 million head, down 30,000 from the previous year. Beef cows, at 905,000 head, were down 25,000 head from a year ago, and milk cows, at 215,000 head, were down 5,000 head.

Iowa had 880,000 heifers weighing 500 pounds and over, up 5% from the previous year. Of these heifers, 145,000 head were beef cow replacements, 115,000 head were milk cow replacements, and all other heifers numbered 620,000 head.

Steers weighing 500 pounds or more were down 5% from January 2019 at 1.32 million head. Bulls 500 pounds and over were down 10,000 head from January 2019 at 60,000 head. Calves weighing under 500 pounds totaled 520,000 head, up 4% from January 2019.

Iowa ranked number one in hog inventory in the United States, with 32% of the nation's 2019 inventory. Hogs and pigs on hand on December 1, 2019, totaled 25.1 million head, up 6% from the previous year.

Pork producers in Iowa farrowed 2.15 million sows from December 2018 through November 2019. An average of 11.34 pigs were saved per litter. The pig crop was 24.4 million, a decrease of 2% from 2018.

Sheep and lamb inventory on January 1, 2020, was 151,000 head, down 2,000 head from the previous year. An estimated 115,000 lambs were born during 2019.

Iowa milk production totaled 5.29 billion pounds in 2019, up marginally from 2018. Milk cows on hand decreased 2,000 head from 2018, averaging 218,000 head during 2019. The annual average milk produced per cow was 24,271 pounds, up more than 1% from 2018.

Iowa slaughter plants produced 8.62 billion pounds of red meat (beef, veal, pork, and mutton) during 2019, up 923,500 pounds from 2018.

Prices Summary

Milk prices averaged \$19.40 per hundredweight in 2019, up 18% from \$16.50 in 2018. Monthly prices averaged from a high of \$23.30 in November to a low of \$16.50 in January.

The 2018-2019 marketing year average price for corn was \$3.59, up 28 cents from last year. The market year began with \$3.29 per bushel in September and concluded with \$3.91 per bushel in August. The average monthly prices for the 2019 calendar year ranged from a high of \$4.11 in July to a low of \$3.52 in April.

The 2018-2019 marketing year average price for soybeans was \$8.46 per bushel, down 79 cents from the previous year. The marketing year started with \$8.44 per bushel in September and ended with \$8.28 per bushel in August. The average monthly prices for the 2019 calendar year ranged from a high of \$8.69 in December to a low of \$7.89 in May.

The 2018-2019 marketing year average price for oats was \$2.93 per bushel, up 39 cents from 2017-2018. The marketing year opened with \$2.37 per bushel in July and finished with \$3.71 per bushel in June. The average monthly prices for the 2019 calendar year ranged from a high of \$3.94 in February to a low of \$3.25 in August.

The 2018-2019 marketing year average price for all hay was \$131.00 per ton, up \$20.00 from the previous year. The all hay marketing year started with \$117.00 per ton in June and ended with \$158.00 per ton in May. The average monthly prices for the 2019 calendar year ranged from a high of \$158.00 in May to a low of \$113.00 in July.

Precipitation, Monthly and Annual Averages and Departures from Normal – Iowa by District: 2019

District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Precipitation (Inches)													
Northwest	0.24	1.81	2.51	4.29	7.40	3.32	4.92	2.33	4.51	4.70	1.87	1.49	39.39
N Central	0.79	2.40	1.73	3.61	6.95	3.53	3.81	2.85	5.39	5.62	1.98	1.29	39.95
Northeast	1.79	2.63	1.40	3.57	6.79	5.25	4.37	2.91	7.79	6.13	2.01	1.35	45.99
W Central	0.23	1.81	2.30	1.83	7.11	2.90	3.34	3.78	5.83	4.65	1.26	1.34	36.38
Central	1.10	2.25	1.59	2.64	8.08	4.29	3.20	3.52	4.98	5.85	1.32	1.21	40.03
E Central	2.19	3.16	1.86	4.51	8.07	4.13	2.30	4.05	7.43	4.12	1.65	1.29	44.76
Southwest	1.00	1.97	3.01	1.12	9.43	3.40	2.74	4.47	7.01	4.86	0.75	0.92	40.68
S Central	2.07	2.31	2.88	2.27	10.19	3.89	3.20	4.93	6.29	3.87	1.01	1.13	44.04
Southeast	2.61	2.85	2.88	3.09	11.17	4.57	1.95	3.40	7.44	2.55	1.27	1.35	45.13
State	1.28	2.34	2.19	3.03	8.21	3.91	3.38	3.53	6.21	4.78	1.49	1.28	41.63

Departure from Normal Precipitation ¹ (Inches)

Northwest	-0.43	1.17	0.63	1.07	3.68	-1.41	1.07	-1.45	1.28	2.46	0.34	0.59	9.00
N Central	-0.04	1.54	-0.23	0.03	2.48	-1.66	-0.83	-1.26	2.20	3.25	0.13	0.05	5.66
Northeast	0.77	1.53	-0.57	-0.13	2.41	0.15	-0.30	-1.72	4.44	3.55	-0.27	-0.14	9.73
W Central	-0.55	0.99	0.19	-1.60	2.62	-2.01	-0.92	-0.11	2.67	2.24	-0.37	0.25	3.41
Central	0.18	1.23	-0.60	-0.98	3.39	-1.07	-1.50	-0.94	1.66	3.23	-0.82	-0.11	3.68
E Central	1.04	1.82	-0.42	1.12	3.73	-0.82	-2.06	-0.45	4.11	1.23	-0.76	-0.45	8.10
Southwest	0.19	0.93	0.78	-2.34	4.21	-1.73	-2.00	0.66	3.60	2.25	-1.19	-0.32	5.05
S Central	1.18	1.07	0.59	-1.38	5.07	-1.05	-1.78	0.64	2.47	1.02	-1.25	-0.25	6.32
Southeast	1.34	1.29	0.31	-0.49	6.28	-0.25	-2.52	-0.86	3.66	-0.51	-1.30	-0.46	6.49
State	0.36	1.29	0.04	-0.48	3.65	-1.11	-1.12	-0.67	2.83	2.17	-0.56	-0.06	6.36

¹ Normals based upon 1981-2010 period.

Normal Precipitation ¹ (Inches)

Northwest	0.67	0.64	1.88	3.22	3.72	4.73	3.85	3.78	3.23	2.24	1.53	0.90	30.40
N Central	0.83	0.86	1.96	3.58	4.47	5.19	4.64	4.11	3.19	2.37	1.85	1.24	34.29
Northeast	1.02	1.10	1.97	3.70	4.39	5.10	4.67	4.63	3.35	2.58	2.28	1.49	36.26
W Central	0.78	0.82	2.11	3.43	4.49	4.91	4.26	3.89	3.16	2.41	1.63	1.09	32.97
Central	0.92	1.02	2.19	3.62	4.69	5.36	4.70	4.46	3.32	2.62	2.14	1.32	36.35
E Central	1.16	1.34	2.28	3.39	4.34	4.95	4.36	4.50	3.32	2.89	2.41	1.74	36.66
Southwest	0.81	1.04	2.23	3.46	5.22	5.13	4.74	3.81	3.41	2.61	1.94	1.24	35.63
S Central	0.89	1.24	2.29	3.65	5.12	4.94	4.98	4.29	3.82	2.85	2.26	1.38	37.72
Southeast	1.27	1.56	2.57	3.58	4.89	4.82	4.47	4.26	3.78	3.06	2.57	1.81	38.65
State	0.92	1.05	2.15	3.51	4.56	5.02	4.50	4.20	3.38	2.61	2.05	1.34	35.27

¹ Normals based upon 1981-2010 period.

Source: State Climatologist, Iowa Department of Agriculture and Land Stewardship

Temperatures, Monthly and Annual Averages and Departures from Normal – Iowa by District: 2019

District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Temperatures (F)													
Northwest	16.6	10.6	28.7	46.7	54.5	69.0	73.5	68.7	66.7	45.0	30.8	23.6	44.5
N Central	15.4	11.5	27.9	47.1	54.9	68.1	73.7	68.0	66.5	45.3	30.0	25.5	44.5
Northeast	15.2	14.3	28.5	46.6	55.1	67.1	74.1	67.8	65.9	46.0	29.5	28.1	44.8
W Central	20.4	13.8	31.1	49.6	56.5	69.9	74.7	69.8	68.7	47.1	33.0	28.9	47.0
Central	18.6	15.1	31.2	49.8	57.0	69.4	75.1	69.4	68.3	47.3	32.3	30.0	47.0
E Central	18.1	18.5	32.5	48.9	57.5	69.2	76.5	69.8	68.3	48.0	32.1	31.1	47.5
Southwest	22.7	16.9	33.3	52.4	58.4	70.8	75.9	71.8	70.4	48.5	35.2	31.9	49.0
S Central	21.8	18.6	33.9	52.0	58.2	70.4	76.3	71.2	70.3	48.7	34.9	32.6	49.1
Southeast	21.2	20.9	34.9	51.0	58.6	70.4	77.0	71.2	69.8	49.4	35.0	33.0	49.4
State	18.7	15.3	31.1	49.2	56.6	69.3	75.1	69.6	68.2	47.1	32.4	29.2	46.8

Departure from Normal Temperature ¹ (F)

Northwest	0.2	-10.7	-4.4	-0.3	-4.6	0.2	0.8	-1.6	4.9	-4.0	-2.8	3.9	-1.7
N Central	-0.2	-8.9	-4.9	0.5	-3.7	-0.2	1.7	-1.6	5.2	-3.6	-3.8	6.0	-1.2
Northeast	-1.8	-7.5	-5.6	-1.0	-3.7	-1.4	1.9	-2.4	4.0	-3.6	-6.0	6.8	-1.9
W Central	1.1	-10.1	-4.6	1.0	-3.7	0.0	0.8	-1.8	5.6	-3.4	-2.8	6.6	-1.0
Central	-0.5	-8.7	-4.7	1.0	-3.0	-0.2	1.6	-2.0	5.2	-3.4	-4.2	7.2	-1.0
E Central	-2.5	-6.7	-4.7	-1.1	-3.2	-1.0	2.7	-2.0	4.5	-3.7	-6.1	6.6	-1.6
Southwest	0.3	-10.0	-5.1	2.0	-3.0	-0.2	0.7	-1.3	5.6	-3.9	-3.2	6.5	-1.1
S Central	-0.5	-8.0	-4.3	1.9	-2.4	0.2	1.7	-1.8	6.1	-3.6	-3.8	6.9	-0.7
Southeast	-2.3	-7.0	-4.6	-0.8	-3.4	-1.1	1.4	-2.5	4.4	-4.2	-5.2	6.0	-1.7
State	-0.7	-8.7	-4.8	0.3	-3.5	-0.4	1.5	-1.9	5.0	-3.7	-4.2	6.3	-1.3

¹ Normals based upon 1981-2010 period.

Normal Temperature ¹ (F)

Northwest	16.4	21.3	33.1	47.0	59.1	68.8	72.7	70.3	61.8	49.0	33.6	19.7	46.2
N Central	15.6	20.4	32.8	46.6	58.6	68.3	72.0	69.6	61.3	48.9	33.8	19.5	45.7
Northeast	17.0	21.8	34.1	47.6	58.8	68.5	72.2	70.2	61.9	49.6	35.5	21.3	46.7
W Central	19.4	23.9	35.7	48.6	60.2	69.9	73.9	71.6	63.1	50.5	35.8	22.3	48.0
Central	19.1	23.8	35.9	48.8	60.0	69.6	73.5	71.4	63.1	50.7	36.5	22.8	48.0
E Central	20.6	25.2	37.2	50.0	60.7	70.2	73.8	71.8	63.8	51.7	38.2	24.5	49.1
Southwest	22.4	26.9	38.4	50.4	61.4	71.0	75.2	73.1	64.8	52.4	38.4	25.4	50.1
S Central	22.3	26.6	38.2	50.1	60.6	70.2	74.6	73.0	64.2	52.3	38.7	25.7	49.8
Southeast	23.5	27.9	39.5	51.8	62.0	71.5	75.6	73.7	65.4	53.6	40.2	27.0	51.1
State	19.4	24.0	35.9	48.9	60.1	69.7	73.6	71.5	63.2	50.8	36.6	22.9	48.1

¹ Normals based upon 1981-2010 period.

Source: State Climatologist, Iowa Department of Agriculture and Land Stewardship

Farms, Number, Average Size, and Land in Farms – Iowa: 2015-2019

Year	Number of farms	Average size	Land in farms
	(1,000 farms)	(acres)	(million acres)
2015	87.0	352	30.6
2016	86.4	354	30.6
2017	86.1	355	30.6
2018	86.0	356	30.6
2019	85.3	359	30.6

Farms, Number by Economic Sales Class – Iowa: 2015-2019

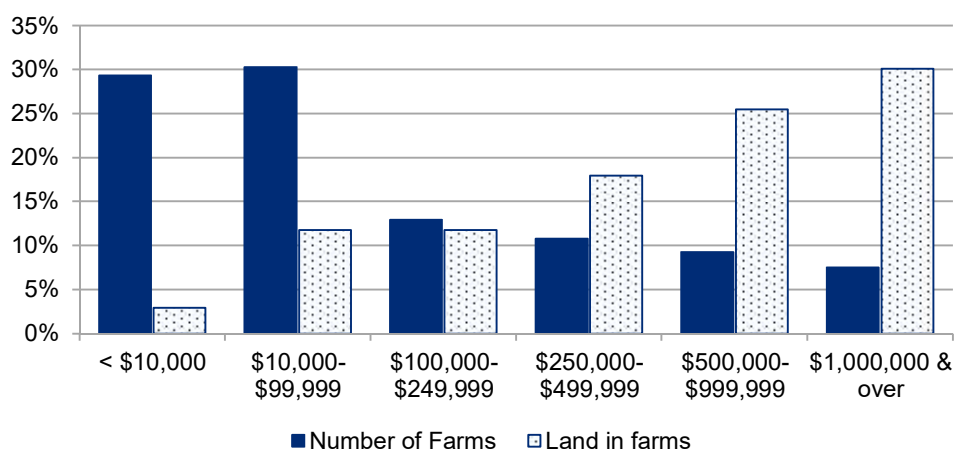
Year	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000-\$999,999	\$1,000,000 & over	Total
2015	26,200	25,200	10,700	9,200	8,800	6,900	87,000
2016	25,400	25,900	10,700	9,100	8,600	6,700	86,400
2017	25,400	26,300	11,100	8,900	8,000	6,400	86,100
2018	25,400	26,200	11,100	8,900	8,000	6,400	86,000
2019	25,000	25,800	11,000	9,200	7,900	6,400	85,300

Land in Farms, Acreage by Economic Sales Class – Iowa: 2015-2019

Year	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000-\$999,999	\$1,000,000 & over	Total
	(1,000 acres)						
2015	1,100	3,300	3,400	5,500	8,000	9,300	30,600
2016	900	3,600	3,400	5,400	8,000	9,300	30,600
2017	900	3,700	3,600	5,500	7,800	9,100	30,600
2018	900	3,700	3,600	5,500	7,800	9,100	30,600
2019	900	3,600	3,600	5,500	7,800	9,200	30,600

The definition of a farm is "any place from which \$1,000 or more of agricultural products were produced and sold, or normally would have been sold, during the year". This definition has remained the same since 1974. Government payments are included in sales. Ranches, institutional farms, experimental and research farms, and Indian Reservations are included as farms. Places with the entire acreage enrolled in the Conservation Reserve Program (CRP), Wetlands Reserve Program (WRP), or other government programs are counted as farms.

Farms and Land in Farms Percent by Sales Class - Iowa: 2019



Crop Summary, Acres Planted, Harvested, Yield and Production – Iowa and United States: 2015-2019

Crop year	Iowa				United States			
	Acreage		Yield	Production	Acreage		Yield	Production
	Planted	Harvested			Planted	Harvested		
Corn	(1,000 acres)	(1,000 acres)			(1,000 acres)	(1,000 acres)		
2015	13,500	13,390	--	--	88,019	86,990	--	--
2016	13,900	13,830	--	--	94,004	92,954	--	--
2017	13,300	13,230	--	--	90,167	89,118	--	--
2018	13,200	13,020	--	--	88,871	87,396	--	--
2019	13,500	13,410	--	--	89,700	88,069	--	--
Corn for grain		(1,000 acres)	(bu/acre)	(1,000 bushels)		(1,000 acres)	(bu/acre)	(1,000 bushels)
2015	--	13,050	192.0	2,505,600	--	80,753	168.4	13,601,964
2016	--	13,500	203.0	2,740,500	--	86,748	174.6	15,148,038
2017	--	12,900	202.0	2,605,800	--	82,733	176.6	14,609,407
2018	--	12,750	196.0	2,499,000	--	81,276	176.4	14,340,369
2019	--	13,050	198.0	2,583,900	--	81,482	168.0	13,691,561
Corn for silage		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
2015	--	340	24.0	8,160	--	6,237	20.4	127,311
2016	--	330	24.0	7,920	--	6,206	20.3	126,020
2017	--	330	21.0	6,930	--	6,385	20.0	127,434
2018	--	270	20.5	5,535	--	6,120	19.9	121,564
2019	--	360	22.0	7,920	--	6,587	20.2	132,807
Soybeans	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)
2015	9,850	9,800	56.5	553,700	82,660	81,742	48.0	3,926,779
2016	9,500	9,440	60.0	566,400	83,453	82,706	51.9	4,296,496
2017	10,000	9,940	57.0	566,580	90,162	89,542	49.3	4,411,633
2018	9,950	9,830	56.0	550,480	89,167	87,594	50.6	4,428,150
2019	9,200	9,120	55.0	501,600	76,100	75,021	47.4	3,558,281
Oats	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)
2015	125	57	73.0	4,161	3,088	1,275	70.2	89,455
2016	120	43	76.0	3,268	2,829	979	66.0	64,628
2017	115	42	77.0	3,234	2,589	804	61.7	49,585
2018	135	33	63.0	2,079	2,746	865	64.9	56,130
2019	215	69	58.0	4,002	2,810	826	64.3	53,148
Hay, all		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
2015	--	1,160	3.40	3,939	--	54,529	2.47	134,668
2016	--	910	3.53	3,210	--	53,185	2.52	134,082
2017	--	1,060	3.08	3,268	--	52,777	2.43	128,207
2018	--	940	3.19	2,998	--	52,839	2.34	123,600
2019	--	1,020	3.05	3,116	--	52,425	2.46	128,864
Hay, alfalfa		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
2015	--	770	3.90	3,003	--	17,810	3.32	59,060
2016	--	550	4.20	2,310	--	17,029	3.44	58,601
2017	--	720	3.50	2,520	--	17,007	3.28	55,812
2018	--	620	3.70	2,294	--	16,608	3.17	52,634
2019	--	700	3.40	2,380	--	16,743	3.28	54,875
Hay, other		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
2015	--	390	2.40	936	--	36,719	2.06	75,608
2016	--	360	2.50	900	--	36,156	2.09	75,481
2017	--	340	2.20	748	--	35,770	2.02	72,395
2018	--	320	2.20	704	--	36,231	1.96	70,966
2019	--	320	2.30	736	--	35,682	2.07	73,989

State Rankings, Harvested Crops, Crop Production, and Storage Capacity – Iowa and 10 Leading States: 2019

	1	2	3	4	5	6	7	8	9	10	Iowa rank	% of U.S.
Harvested Acres												
Corn for grain	IA	IL	NE	MN	KS	IN	SD	ND	MO	WI	1	16
Corn for silage	WI	MN	NY	CA	PA	IA	(Tied) MI & SD		TX	KS	6	5
Soybeans	IL	IA	MN	ND	IN	MO	NE	KS	OH	SD	2	12
Oats	WI	ND	MN	SD	IA	PA	TX	NY	(Tied) MI & OH & OK		5	8
Hay, alfalfa	MT	SD	ND	ID	NE	WI	(Tied) CO & MN		IA	KS	9	4
Hay, other	TX	MO	OK	KY	TN	KS	NE	SD	AR	ND	28	1
Hay, all	TX	MO	SD	OK	MT	NE	ND	KS	KY	TN	20	2
Total acres of principal crops harvested ¹	IA	KS	ND	IL	NE	MN	TX	SD	MO	IN	1	8

Production

Corn for grain	IA	IL	NE	MN	IN	KS	SD	MO	ND	WI	1	19
Corn for silage	WI	CA	MN	NY	IA	PA	ID	MI	SD	TX	5	4
Soybeans	IL	IA	MN	NE	IN	MO	OH	KS	ND	SD	2	14
Oats	ND	WI	MN	SD	IA	PA	NY	TX	ME	MI	5	8
Hay, alfalfa	MT	SD	ID	CA	NE	CO	KS	IA	AZ	MN	8	4
Hay, other	TX	MO	OK	TN	KY	KS	AR	SD	NE	VA	28	1
Hay, all	TX	MO	SD	KS	MT	NE	OK	CA	ID	KY	15	2

Storage Capacity

Capacity of off-farm storage facilities ²	IA	IL	KS	NE	MN	TX	IN	OH	ND	SD	1	13
Capacity of on-farm storage facilities ²	IA	MN	IL	NE	ND	IN	SD	OH	MO	(Tied) KS & WI	1	16

¹ Crops included are corn, sorghum, oats, barley, rye, winter wheat, Durum wheat, other spring wheat, rice, soybeans, peanuts, sunflower, cotton, dry edible beans, potatoes, canola, proso millet, and sugarbeets. Harvested acreage is used for all hay, tobacco, and sugarcane in computing total area planted. Includes double cropped acres and unharvested small grains planted as cover crops.

² December 1, 2019.

Crops, Record Highs and Lows, Acreage, Yield, and Production – Iowa

Item	Units	Record high		Record low		Year estimates started
		Quantity	Year ¹	Quantity	Year ¹	
Corn for grain						1919 ²
Acres harvested	1,000 acres	13,900	2007	5,701	1934	
Yield	bushels	203.0	2016	20.0	1936	
Production	million bushels	2,740.5	2016	148.9	1936	
Corn for silage						1919
Acres harvested	1,000 acres	970	1976	134	1942	
Yield	tons	24.0	2016	3.5	1936	
Production	million tons	12.1	1976	1.4	1942	
Hay, all						1909
Acres harvested	1,000 acres	4,869	1909	910	2016	
Yield	tons	3.90	2004	0.79	1911	
Production	million tons	8.75	1979	2.78	2012	
Hay, alfalfa						1919
Acres harvested	1,000 acres	2,580	1957	172	1919	
Yield	tons	4.20	2016	1.49	1934	
Production	million tons	7.42	1979	0.44	1919	
Oats						1866
Acres harvested	1,000 acres	6,520	1950	33	2018	
Yield	bushels	83.0	2003	13.0	1934	
Production	million bushels	273.9	1948	2.08	2018	
Soybeans for beans						1924
Acres harvested	1,000 acres	10,920	2001	7	1925	
Yield	bushels	60.0	2016	11.5	1934	
Production	million bushels	566.6	2017	0.1	1925	

¹ In case of a tie, the most recent year is reported.

² Corn for grain estimates are available for years prior to 1919, however, the production for silage and other uses were converted to grain weight equivalent and included in the corn for grain estimate.



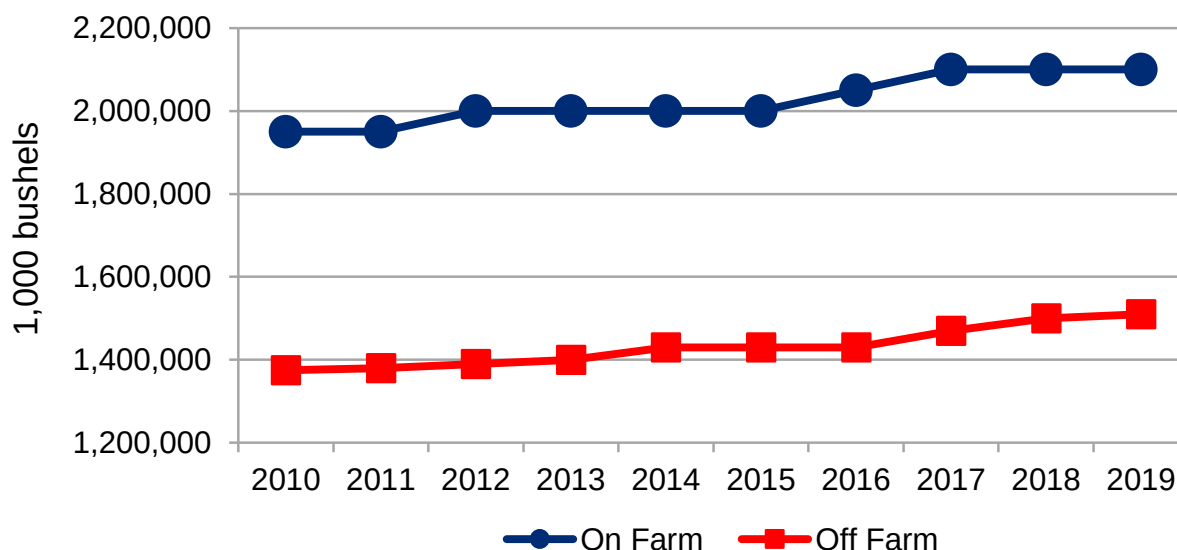
Hay and Grain Marketings, Percent of Crop Year Total – Iowa: June 2017-August 2019

Month	All hay		Oats		Soybeans		Corn	
	2017-2018	2018-2019	2017-2018	2018-2019	2017-2018	2018-2019	2017-2018	2018-2019
June	3	4						
July	7	7	17	21				
August	7	7	55	27				
September	6	7	4	12	6	5	6	5
October	5	4	3	7	29	20	8	12
November	9	9	8	6	12	16	19	17
December	14	13	1	2	5	6	6	6
January	16	16	1	5	11	11	12	10
February	12	12	1	1	9	6	8	6
March	11	11	2	1	7	4	8	6
April	6	6	1	6	5	4	6	5
May	4	4	5	9	4	5	6	11
June			2	3	4	7	6	9
July					5	8	7	7
August					3	8	8	6

Grain Storage Capacity – Iowa: December 1, 2010-2019

Year	Number of off-farm facilities	Off-farm capacity (1,000 bu)	On-farm capacity (1,000 bu)
2010	900	1,375,000	1,950,000
2011	890	1,380,000	1,950,000
2012	890	1,390,000	2,000,000
2013	900	1,400,000	2,000,000
2014	900	1,430,000	2,000,000
2015	900	1,430,000	2,000,000
2016	890	1,430,000	2,050,000
2017	880	1,470,000	2,100,000
2018	870	1,500,000	2,100,000
2019	860	1,510,000	2,100,000

Grain Storage Capacity - Iowa December 1, 2010-2019



Estimated Crop Production Costs – Iowa: 2016-2020

	2016	2017	2018	2019 ¹	2020
Corn following corn					
Machinery	\$129.92	\$119.83	\$132.80	\$134.38	\$128.46
Seed, chemicals, etc.	330.55	287.19	279.81	313.70	299.79
Labor	37.05	36.40	39.20	39.90	41.30
Land	266.00	230.00	219.00	223.00	219.00
Total cost per acre	763.52	673.41	670.80	710.98	688.54
Assumed yield (bushels)	165	165	165	182	182
Total cost per bushel	\$4.63	\$4.08	\$4.07	\$3.91	\$3.78
Corn following soybeans					
Machinery	\$126.74	\$116.56	\$130.47	\$132.22	\$126.10
Seed, chemicals, etc.	292.47	251.48	241.86	279.96	259.59
Labor	33.80	33.15	35.70	36.34	37.61
Land	266.00	230.00	219.00	223.00	219.00
Total cost per acre	719.01	631.18	627.03	671.51	642.30
Assumed yield (bushels)	180	180	180	198	199
Total cost per bushel	\$3.99	\$3.51	\$3.48	\$3.39	\$3.23
Soybeans following corn²					
Machinery	\$75.43	\$67.40	\$68.67	\$68.43	\$68.11
Seed, chemicals, etc.	162.63	157.11	154.41	183.61	168.52
Labor	29.25	28.60	30.80	31.35	32.45
Land	266.00	230.00	219.00	223.00	219.00
Total cost per acre	533.30	483.11	472.89	506.38	488.09
Assumed yield (bushels)	50	50	50	56	56
Total cost per bushel	\$10.67	\$9.66	\$9.46	\$9.04	\$8.72
Alfalfa hay, annual production, 6 tons per acre, large round bales					
One-third of estimated costs	\$57.93	\$60.03	\$51.43	\$48.50	\$49.65
Annual fertilizer	148.21	109.05	121.48	135.37	129.37
Harvest machinery	159.20	140.80	144.40	141.60	141.20
Labor	69.33	69.33	74.67	76.00	78.67
Land	170.00	165.00	157.00	157.00	160.00
Total cost per acre	604.67	544.22	548.97	558.47	558.89
Assumed yield (ton)	6	6	6	6	6
Total cost per ton	\$100.78	\$90.70	\$91.49	\$93.08	\$93.15

¹ Starting in 2019, reference yields for corn and soybean budgets reflect 30-year trend yields.

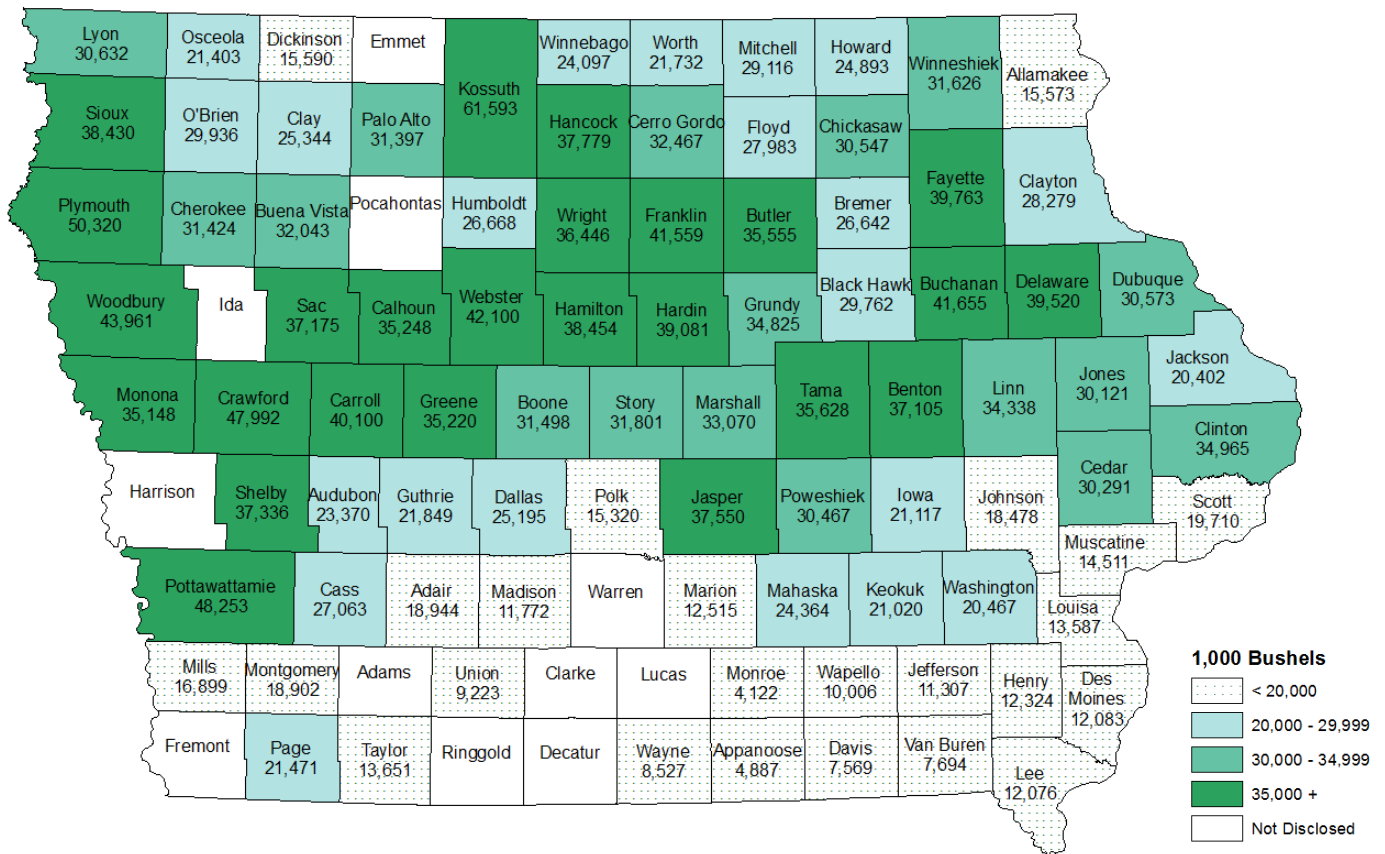
² Soybean estimates are for herbicide tolerant varieties.

Source: Iowa State University Extension and Outreach

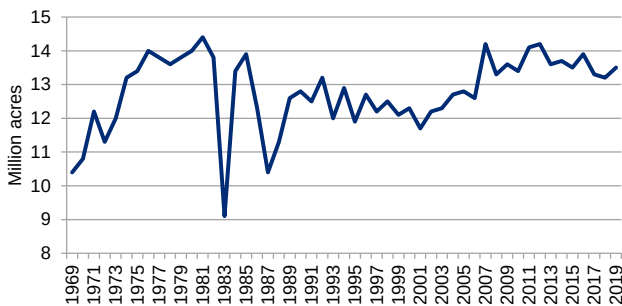


Corn for Grain Production – Iowa: 2019

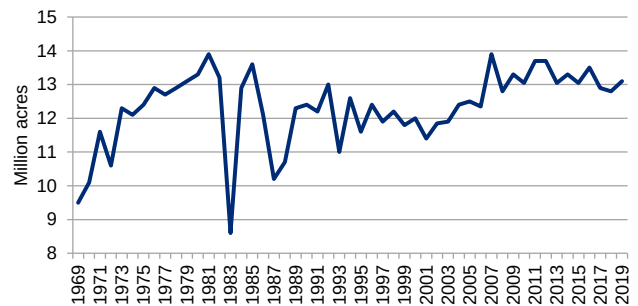
State Total: 2,583,900,000 Bushels



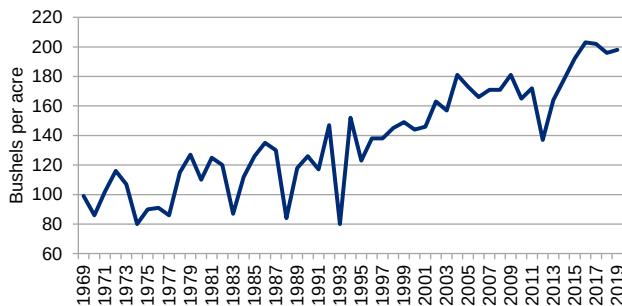
**Corn, Area Planted for all Purposes
Iowa: 1969-2019**



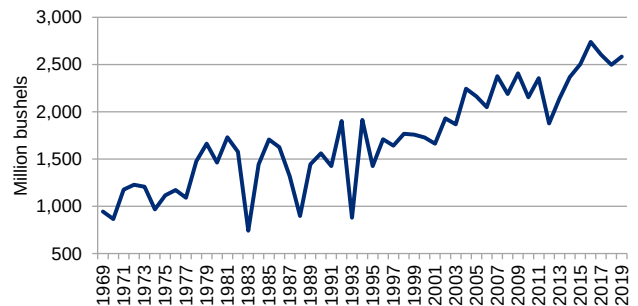
**Corn for Grain, Area Harvested
Iowa: 1969-2019**



**Corn for Grain, Yield per Acre
Iowa: 1969-2019**



**Corn for Grain, Production
Iowa: 1969-2019**



Corn, Area Planted For All Purposes, Area Harvested for Grain, Yield and Production – Iowa by County: 2018–2019

County and district	Area planted for all purposes		Area harvested for grain		Yield		Production	
	2018	2019	2018	2019	2018	2019	2018	2019
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
Buena Vista	164,000	170,500	161,400	167,900	193.1	190.8	31,166,000	32,043,000
Cherokee	148,000	153,000	142,800	150,400	213.3	208.9	30,455,000	31,424,000
Clay	145,500	151,000	141,900	136,600	158.5	185.5	22,496,000	25,344,000
Dickinson	90,000	94,000	86,800	91,700	160.4	170.0	13,920,000	15,590,000
Emmet	110,500	—	108,400	—	155.8	—	16,889,000	—
Lyon	184,500	189,000	164,200	164,200	193.0	186.6	31,691,000	30,632,000
O'Brien	167,000	178,000	155,700	146,100	201.6	204.9	31,395,000	29,936,000
Osceola	116,000	121,000	112,300	117,300	180.2	182.5	20,242,000	21,403,000
Palo Alto	166,500	163,000	159,400	158,300	157.9	198.3	25,163,000	31,397,000
Plymouth	226,500	236,500	214,500	231,000	213.8	217.8	45,869,000	50,320,000
Pocahontas	179,500	—	175,600	—	179.2	—	31,475,000	—
Sioux	249,000	265,000	210,000	200,000	211.9	192.2	44,494,000	38,430,000
Other Counties	—	299,000	—	294,500	—	191.2	—	56,317,000
Northwest	1,947,000	2,020,000	1,833,000	1,858,000	188.4	195.3	345,255,000	362,836,000
Butler	165,500	172,000	163,000	169,700	211.3	209.5	34,440,000	35,555,000
Cerro Gordo	162,500	173,000	160,300	169,300	184.4	191.8	29,562,000	32,467,000
Floyd	141,000	144,000	136,200	137,900	184.4	202.9	25,114,000	27,983,000
Franklin	203,000	207,500	193,800	205,000	204.3	202.7	39,592,000	41,559,000
Hancock	184,500	198,000	181,400	195,400	176.7	193.3	32,061,000	37,779,000
Humboldt	136,500	137,000	131,800	134,200	162.3	198.7	21,385,000	26,668,000
Kossuth	304,000	315,000	295,500	310,000	180.2	198.7	53,238,000	61,593,000
Mitchell	146,500	155,000	139,500	149,700	193.3	194.5	26,970,000	29,116,000
Winnebago	120,000	123,000	118,000	121,200	180.8	198.8	21,337,000	24,097,000
Worth	111,500	112,000	110,000	110,600	180.0	196.5	19,802,000	21,732,000
Wright	182,000	185,500	179,500	185,000	180.5	197.0	32,405,000	36,446,000
North Central	1,857,000	1,922,000	1,809,000	1,888,000	185.7	198.6	335,906,000	374,995,000
Allamakee	93,500	97,500	73,700	83,200	198.4	187.2	14,623,000	15,573,000
Black Hawk	146,500	147,000	142,500	145,100	206.2	205.1	29,386,000	29,762,000
Bremer	124,000	127,500	119,900	125,400	212.4	212.5	25,470,000	26,642,000
Buchanan	189,500	195,000	184,900	190,300	207.1	218.9	38,293,000	41,655,000
Chickasaw	148,500	151,500	143,200	144,000	192.9	212.1	27,624,000	30,547,000
Clayton	149,000	153,500	139,800	143,200	201.5	197.5	28,171,000	28,279,000
Delaware	189,500	201,000	179,800	193,200	224.8	204.6	40,411,000	39,520,000
Dubuque	149,000	151,000	141,400	141,300	211.8	216.4	29,953,000	30,573,000
Fayette	191,500	202,000	185,400	198,300	200.1	200.5	37,097,000	39,763,000
Howard	131,000	134,000	126,500	128,200	185.5	194.2	23,462,000	24,893,000
Winnesiek	165,000	173,000	148,900	157,800	198.1	200.4	29,504,000	31,626,000
Northeast	1,677,000	1,733,000	1,586,000	1,650,000	204.3	205.4	323,994,000	338,833,000
Audubon	111,500	109,500	109,500	108,200	180.0	216.0	19,715,000	23,370,000
Calhoun	172,000	180,000	170,500	177,300	193.3	198.8	32,951,000	35,248,000
Carroll	183,000	185,000	179,900	182,500	208.4	219.7	37,498,000	40,100,000
Crawford	201,500	208,000	197,800	204,500	214.0	234.7	42,322,000	47,992,000
Greene	166,500	176,500	164,700	174,900	201.3	201.4	33,154,000	35,220,000
Guthrie	107,000	113,000	104,700	111,100	192.2	196.7	20,125,000	21,849,000
Harrison	173,000	—	171,300	—	176.0	—	30,149,000	—
Ida	124,000	—	119,200	—	222.2	—	26,482,000	—
Monona	167,000	174,500	164,800	172,400	181.4	203.9	29,894,000	35,148,000
Sac	162,000	175,000	159,900	168,500	213.5	220.6	34,140,000	37,175,000
Shelby	172,500	174,000	168,100	171,800	189.1	217.3	31,794,000	37,336,000
Woodbury	201,000	211,000	185,600	201,500	219.3	218.2	40,703,000	43,961,000
Other Counties	—	305,500	—	299,300	—	210.0	—	62,862,000
West Central	1,941,000	2,012,000	1,896,000	1,972,000	199.9	213.1	378,927,000	420,261,000
Boone	154,500	163,500	152,400	161,700	193.7	194.8	29,516,000	31,498,000
Dallas	132,000	131,000	129,800	129,200	174.0	195.0	22,584,000	25,195,000
Grundy	158,500	167,500	156,200	166,000	225.2	209.8	35,179,000	34,825,000
Hamilton	192,500	195,500	190,100	194,000	188.9	198.2	35,912,000	38,454,000
Hardin	183,500	197,000	180,100	195,200	216.6	200.2	39,012,000	39,081,000
Jasper	173,500	181,000	171,300	179,400	218.6	209.3	37,453,000	37,550,000
Marshall	152,500	156,500	149,300	149,000	226.0	221.9	33,740,000	33,070,000
Polk	78,000	79,000	75,800	77,900	186.2	196.7	14,115,000	15,320,000
Poweshiek	145,500	154,500	139,000	152,100	218.7	200.3	30,404,000	30,467,000
Story	160,000	170,000	157,800	168,000	192.3	189.3	30,338,000	31,801,000
Tama	171,500	176,000	169,200	174,000	224.3	204.8	37,960,000	35,628,000
Webster	200,000	209,500	193,000	207,500	188.1	202.9	36,311,000	42,100,000
Central	1,902,000	1,981,000	1,864,000	1,954,000	205.2	202.1	382,524,000	394,989,000

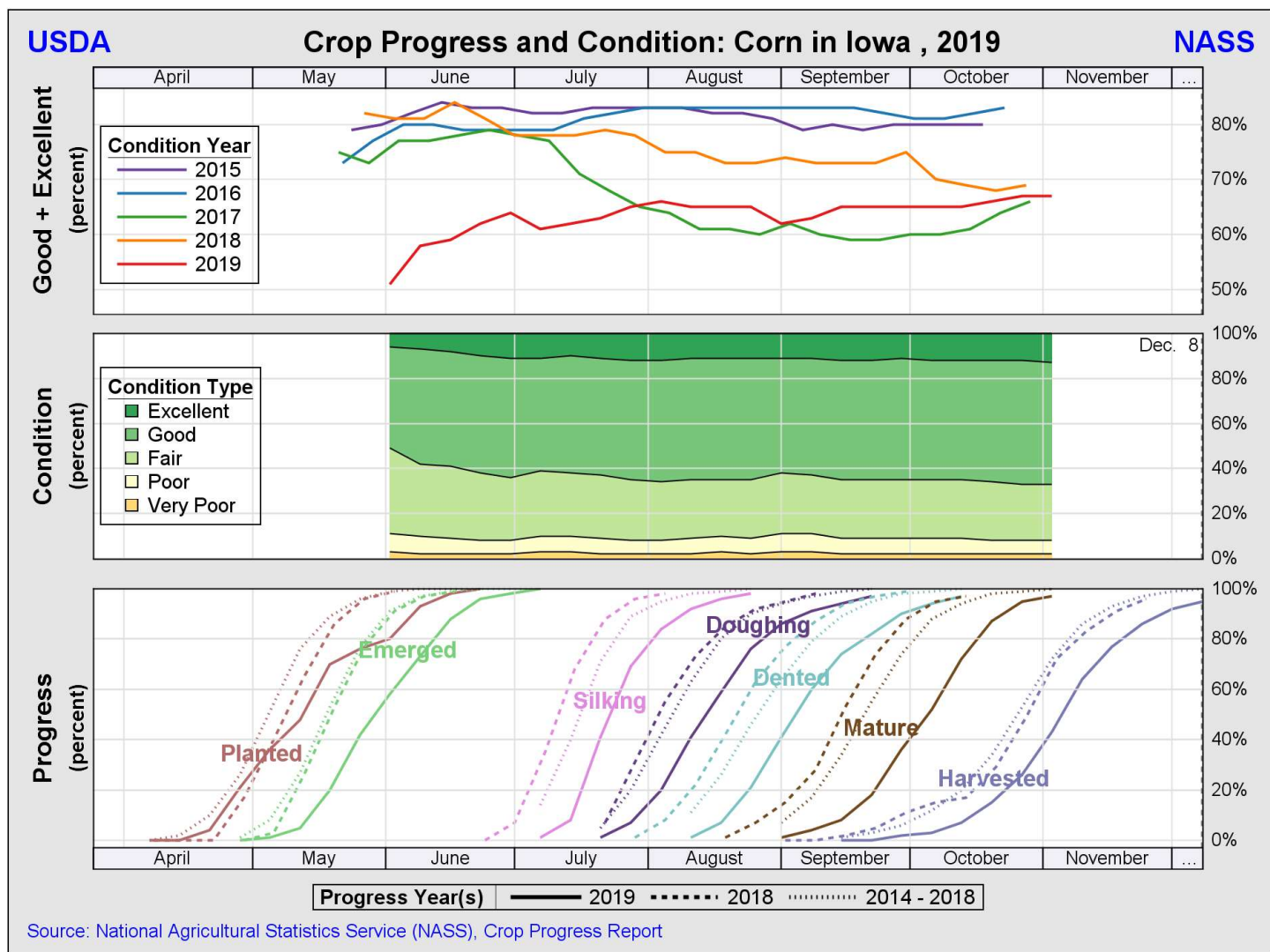
See footnote(s) at the end of the table.

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Corn, Area Planted For All Purposes, Area Harvested for Grain, Yield and Production – Iowa by County: 2018–2019 (continued)

County and district	Area planted for all purposes		Area harvested for grain		Yield		Production	
	2018	2019	2018	2019	2018	2019	2018	2019
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
Benton	191,500	195,000	184,900	187,800	214.6	197.6	39,682,000	37,105,000
Cedar	154,500	158,500	151,300	156,400	222.3	193.7	33,635,000	30,291,000
Clinton	190,500	189,000	186,000	178,300	210.9	196.1	39,228,000	34,965,000
Iowa	125,500	115,500	123,100	110,800	211.7	190.6	26,064,000	21,117,000
Jackson	121,500	119,500	115,600	110,000	202.4	185.5	23,394,000	20,402,000
Johnson	107,000	103,500	104,700	101,900	212.3	181.3	22,223,000	18,478,000
Jones	153,000	153,500	148,700	148,400	208.9	203.0	31,066,000	30,121,000
Linn	151,000	155,500	148,100	153,500	215.4	223.7	31,908,000	34,338,000
Muscatine	93,000	86,500	90,600	83,800	209.6	173.2	18,986,000	14,511,000
Scott	110,500	105,500	108,000	104,100	214.0	189.3	23,111,000	19,710,000
East Central	1,398,000	1,382,000	1,361,000	1,335,000	212.6	195.5	289,297,000	261,038,000
Adair	108,500	111,500	103,100	107,300	149.5	176.6	15,414,000	18,944,000
Adams	71,000	–	68,900	–	171.6	–	11,824,000	–
Cass	128,000	137,500	125,000	135,100	169.5	200.3	21,193,000	27,063,000
Fremont	116,500	–	113,500	–	195.1	–	22,146,000	–
Mills	–	84,300	–	83,300	–	202.9	–	16,899,000
Montgomery	93,300	93,200	91,700	92,300	191.5	204.8	17,561,000	18,902,000
Page	115,500	113,500	113,800	112,200	188.1	191.4	21,401,000	21,471,000
Pottawattamie	–	236,500	–	232,000	–	208.0	–	48,253,000
Taylor	81,400	85,700	79,000	84,400	154.4	161.7	12,195,000	13,651,000
Combined counties	335,800	166,800	331,000	163,400	196.7	189.6	65,092,000	30,981,000
Southwest	1,050,000	1,029,000	1,026,000	1,010,000	182.1	194.2	186,826,000	196,164,000
Appanoose	–	30,300	–	29,300	–	166.8	–	4,887,000
Clarke	32,900	–	29,800	–	161.8	–	4,822,000	–
Decatur	34,200	–	32,900	–	172.5	–	5,675,000	–
Madison	70,000	67,700	68,500	67,000	167.8	175.7	11,492,000	11,772,000
Marion	76,300	75,400	72,800	73,300	190.2	170.7	13,845,000	12,515,000
Monroe	28,000	26,400	26,000	25,400	167.0	162.3	4,342,000	4,122,000
Ringgold	50,900	–	48,800	–	153.3	–	7,483,000	–
Union	55,200	55,500	53,700	54,600	155.8	168.9	8,364,000	9,223,000
Warren	60,700	–	59,700	–	163.6	–	9,767,000	–
Wayne	53,500	57,300	52,500	56,300	171.6	151.5	9,009,000	8,527,000
Combined counties	62,300	214,400	56,300	205,100	142.6	152.3	8,028,000	31,241,000
South Central	524,000	527,000	501,000	511,000	165.3	161.0	82,827,000	82,287,000
Davis	–	49,400	–	47,300	–	160.0	–	7,569,000
Des Moines	70,500	69,000	69,400	68,300	195.4	176.9	13,563,000	12,083,000
Henry	81,100	76,200	79,700	74,900	189.7	164.5	15,116,000	12,324,000
Jefferson	71,600	70,700	69,900	69,500	198.8	162.7	13,894,000	11,307,000
Keokuk	119,000	123,500	117,100	119,800	203.7	175.5	23,857,000	21,020,000
Lee	74,400	71,300	71,800	70,000	201.3	172.5	14,451,000	12,076,000
Louisa	80,200	78,800	78,800	77,800	196.5	174.6	15,481,000	13,587,000
Mahaska	131,000	131,500	128,600	128,300	207.7	189.9	26,715,000	24,364,000
Van Buren	52,700	47,400	48,300	45,000	180.9	171.0	8,737,000	7,694,000
Wapello	–	57,200	–	56,700	–	176.5	–	10,006,000
Washington	120,000	119,000	117,900	114,400	214.3	178.9	25,271,000	20,467,000
Combined counties	103,500	–	92,500	–	176.9	–	16,359,000	–
Southeast	904,000	894,000	874,000	872,000	198.4	174.9	173,444,000	152,497,000
Iowa	13,200,000	13,500,000	12,750,000	13,050,000	196.0	198.0	2,499,000,000	2,583,900,000

– Data does not meet publication standards but is published in "Combined counties" or represents zero.



Crop Condition: The following definitions are used when evaluating crop condition.

Very Poor: Extreme degree of loss to yield potential, complete or near crop failure.

Poor: Heavy degree of loss of yield potential which can be caused by excess soil moisture, drought, disease, etc.

Fair: Less than normal crop condition. Yield loss is a possibility but the extent is unknown.

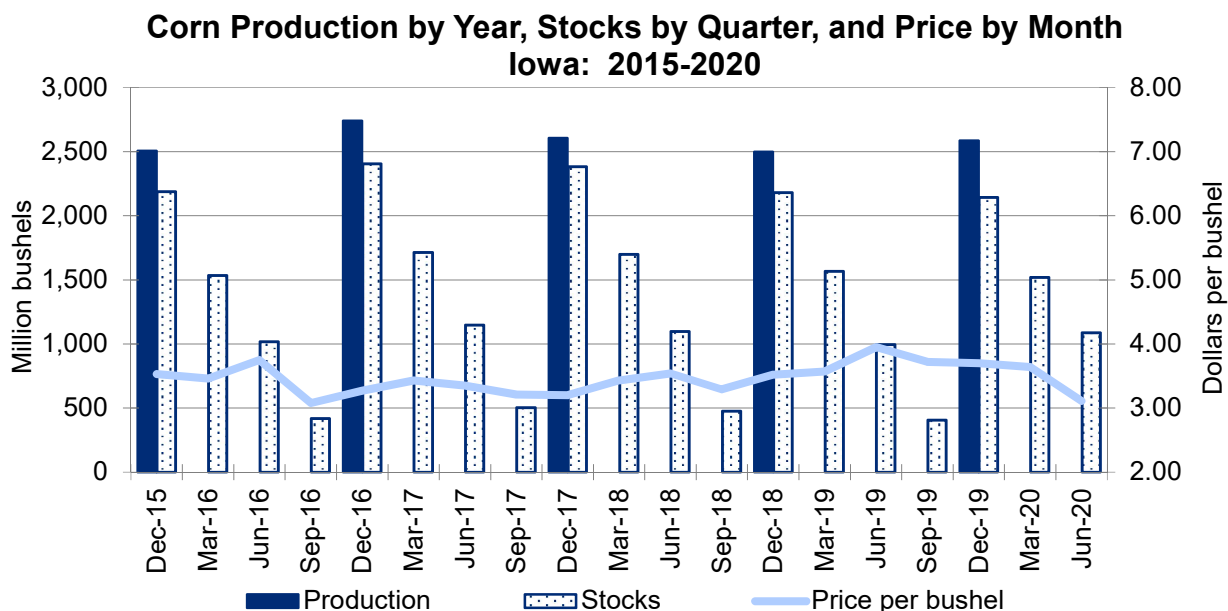
Good: Yield prospects are normal. Moisture levels are adequate and disease, insect damage, and weed pressures are minor.

Excellent: Yield prospects are above normal and crops are experiencing little or no stress. Disease, insect damage, and weed pressures are insignificant.

Corn Production, Stocks on Farms, and Total Stocks by Quarter – Iowa and United States: 2010-2020

Crop year	Production	Marketing season							
		December 1		March 1		June 1		September 1	
		On-farm	Total	On-farm	Total	On-farm	Total	On-farm	Total
----- (1,000 bushels) -----									
Iowa									
2010-2011	2,153,250	1,200,000	1,905,956	680,000	1,270,213	350,000	782,594	63,000	268,348
2011-2012	2,356,400	1,250,000	1,954,253	740,000	1,288,140	330,000	689,008	60,000	226,365
2012-2013	1,876,900	910,000	1,560,221	560,000	1,050,191	285,000	565,390	67,000	203,627
2013-2014	2,140,200	1,070,000	1,736,440	710,000	1,217,036	360,000	728,508	91,000	268,463
2014-2015	2,367,400	1,320,000	2,048,985	910,000	1,473,591	480,000	876,730	125,000	372,154
2015-2016	2,505,600	1,370,000	2,189,120	930,000	1,534,025	580,000	1,018,011	140,000	419,121
2016-2017	2,740,500	1,470,000	2,404,747	1,000,000	1,714,890	660,000	1,146,558	160,000	504,069
2017-2018	2,605,800	1,490,000	2,383,471	1,000,000	1,698,151	610,000	1,097,822	140,000	475,258
2018-2019	2,499,000	1,370,000	2,180,661	990,000	1,567,304	590,000	995,577	140,000	405,889
2019-2020	2,583,900	1,330,000	2,144,462	890,000	1,519,756	660,000	1,088,442	(NA)	(NA)
United States									
2010-2011	12,425,330	6,302,000	10,056,769	3,384,000	6,523,228	1,681,500	3,670,332	314,950	1,127,645
2011-2012	12,313,956	6,175,000	9,646,823	3,192,000	6,023,356	1,482,000	3,148,204	313,700	989,027
2012-2013	10,755,111	4,586,000	8,032,732	2,669,200	5,399,926	1,260,100	2,766,244	275,000	821,185
2013-2014	13,830,704	6,380,000	10,452,533	3,860,500	7,009,008	1,863,200	3,851,716	462,000	1,231,904
2014-2015	14,217,292	7,087,000	11,211,380	4,380,000	7,749,806	2,275,000	4,452,988	593,000	1,731,164
2015-2016	13,601,964	6,829,000	11,235,178	4,335,000	7,822,233	2,471,400	4,711,079	627,400	1,737,058
2016-2017	15,148,038	7,611,000	12,383,471	4,908,000	8,621,992	2,841,400	5,229,082	787,000	2,293,303
2017-2018	14,609,407	7,739,000	12,566,501	5,002,000	8,892,126	2,750,100	5,304,804	620,000	2,140,335
2018-2019	14,340,369	7,451,000	11,936,798	5,131,000	8,613,206	2,949,600	5,202,236	814,100	2,220,749
2019-2020	13,617,261	7,103,000	11,327,338	4,454,000	7,951,172	3,025,000	5,223,664	(NA)	(NA)

(NA) Not available.



Corn, Supply and Use – United States: Marketing Year 2010-2019

Marketing year ¹	Supply			Use ⁵					Ending stocks	Ending stocks by days ³	Ending stocks as percent of total use	Marketing year average farm price
	Beginning stocks	Production	Total supply ^{2 5}	Food, seed, and industrial use	Ethanol for fuel	Feed and residual use	Exports	Total use				
	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)			(dollars per bushel)
2010-2011	1,708	12,425	14,161	6,432	5,019	4,770	1,831	13,033	1,128	32	9	5.18
2011-2012	1,128	12,314	13,471	6,431	5,000	4,512	1,539	12,482	989	29	8	6.22
2012-2013	989	10,755	11,904	6,044	4,641	4,309	730	11,083	821	27	7	6.89
2013-2014	821	13,829	14,686	6,531	5,124	5,002	1,921	13,454	1,232	33	9	4.46
2014-2015	1,232	14,216	15,479	6,595	5,200	5,286	1,867	13,748	1,731	46	13	3.70
2015-2016	1,731	13,602	15,401	6,647	5,224	5,118	1,899	13,664	1,737	46	13	3.61
2016-2017	1,737	15,148	16,942	6,885	5,432	5,470	2,294	14,649	2,293	57	16	3.36
2017-2018	2,293	14,609	16,939	7,057	5,605	5,304	2,438	14,798	2,140	53	14	3.36
2018-2019	2,140	14,340	16,509	6,793	5,378	5,429	2,066	14,288	2,221	57	16	3.61
2019-2020 ^{4 5}	2,221	13,617	15,883	6,260	4,850	5,600	1,795	13,655	2,228	60	16	3.60

¹ September 1 – August 31.

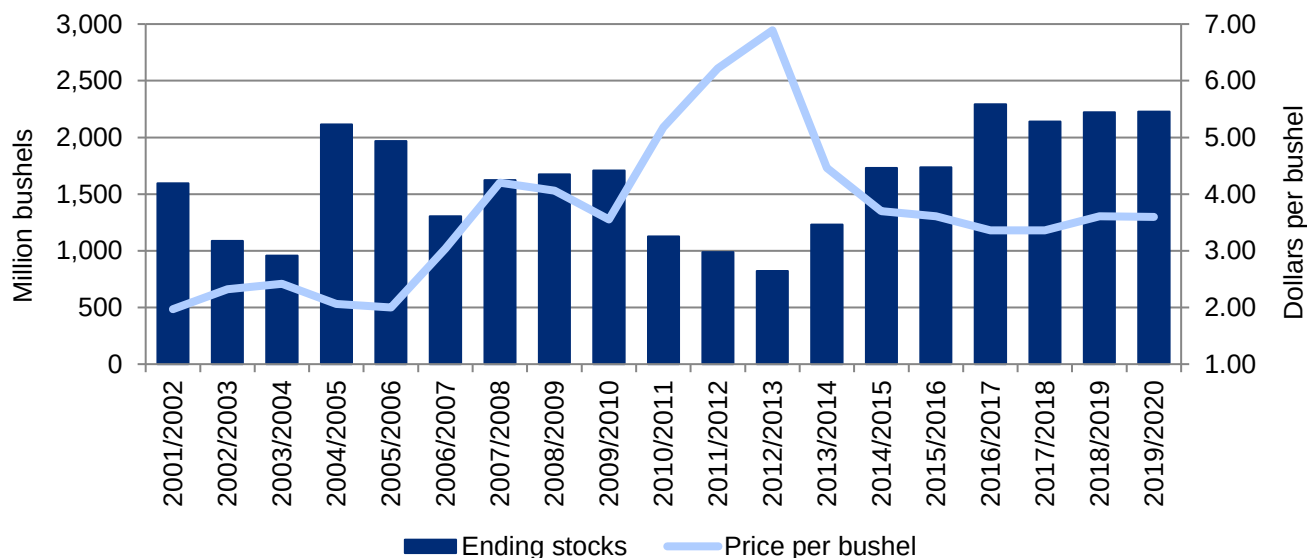
² Includes beginning stocks, production, and imports.

³ Ending stocks available by days is calculated by dividing the current year's total use by days during a year to obtain a daily use. The ending stocks are then divided by the daily use to obtain stocks available by days.

⁴ Estimated.

⁵ Source: World Agricultural Supply and Demand Estimates Report.

Corn Ending Stocks vs Market Year Average Price per Bushel United States: 2001-2019



Source: [World Agricultural Supply and Demand Estimates Report](#)

Objective Yield Data, Corn for Grain – Iowa

The National Agricultural Statistics Service conducts objective yield surveys in randomly selected plots in corn for grain fields. These fields are visited monthly from September through harvest to obtain specific counts and measurements. Data in these tables are rounded actual field counts from this survey.

Corn for Grain, Plant Population per Acre – Iowa: 2015-2019

Year	September	October	November	Final
2015	31,500	31,450	31,450	31,450
2016	31,250	31,050	31,050	31,050
2017	31,300	31,150	31,150	31,150
2018	31,350	31,150	31,100	31,100
2019	30,850	30,800	30,750	30,750

Corn for Grain, Number of Ears per Acre – Iowa: 2015-2019

Year	September	October	November	Final
2015	30,950	30,800	30,850	30,850
2016	30,550	30,400	30,500	30,500
2017	30,600	30,600	30,600	30,600
2018	31,150	30,900	30,800	30,800
2019	30,250	30,200	30,100	30,100

Corn for Grain, Percentage Distribution by Plant Population per Acre – Iowa: 2015-2019

Year	Less than 20,000	20,000-22,500	22,501-25,000	25,001-27,500	27,501-30,000	More than 30,000
2015	0.4	0.8	2.4	4.9	15.5	76.0
2016	0.4	1.8	2.2	8.9	22.7	64.0
2017	1.3	3.4	2.1	5.9	13.5	73.8
2018	0.4	1.7	3.3	6.3	19.2	69.1
2019	0.8	0.8	3.8	9.0	21.1	64.5

Corn for Grain, Frequency of Farmer Reported Row Widths – Iowa: 2015-2019

Year	Less than 30 inches	30 inches	36 inches	38 inches	More than 38 inches
2015	7	241	3	1	0
2016	12	213	4	4	0
2017	2	236	3	3	0
2018	12	234	2	1	0
2019	3	136	0	1	0

Corn for Grain, Percentage Distribution by Measured Row Width and Average Row Width – Iowa: 2015-2019

Year	Number of samples	Row width (inches)						Average row width
		20.5 or less	20.6-30.5	30.6-34.5	34.6-36.5	36.6-38.5	38.6 or greater	
2015	245	2.4	76.8	19.2	1.6	0.0	0.0	30.0
2016	225	2.2	76.9	19.1	0.9	0.9	0.0	30.0
2017	237	0.8	76.4	19.0	0.4	3.0	0.4	30.4
2018	239	3.8	77.4	17.2	0.8	0.8	0.0	29.9
2019	133	1.5	78.1	18.8	0.8	0.8	0.0	30.0

Corn Prices Received by Farmers by Month – Iowa and United States: 2015-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep ¹	Oct	Nov	Dec	Marketing year average ²
Iowa (dollars per bushel)													
2015	3.86	3.80	3.83	3.74	3.61	3.58	3.78	3.67	3.57	3.58	3.53	3.53	3.52
2016	3.55	3.48	3.46	3.52	3.60	3.75	3.55	3.08	3.08	3.30	3.20	3.27	3.30
2017	3.34	3.39	3.43	3.34	3.39	3.35	3.40	3.19	3.21	3.23	3.14	3.20	3.31
2018	3.24	3.33	3.43	3.52	3.57	3.54	3.41	3.27	3.29	3.40	3.40	3.52	3.59
2019	3.52	3.54	3.57	3.51	3.59	3.95	4.11	3.91	3.72	3.79	3.64	3.70	(NA)
United States													
2015	3.82	3.79	3.81	3.75	3.64	3.59	3.80	3.68	3.68	3.67	3.59	3.65	3.61
2016	3.66	3.58	3.56	3.56	3.68	3.82	3.60	3.21	3.22	3.29	3.24	3.32	3.36
2017	3.40	3.44	3.49	3.43	3.45	3.43	3.49	3.27	3.27	3.26	3.15	3.23	3.36
2018	3.29	3.38	3.51	3.58	3.68	3.58	3.47	3.36	3.40	3.42	3.41	3.54	3.61
2019	3.56	3.60	3.61	3.53	3.63	3.98	4.16	3.93	3.80	3.84	3.68	3.71	(NA)

(NA) Not available.

¹ Corn marketing season is from September 1 through August 31 of the following year.

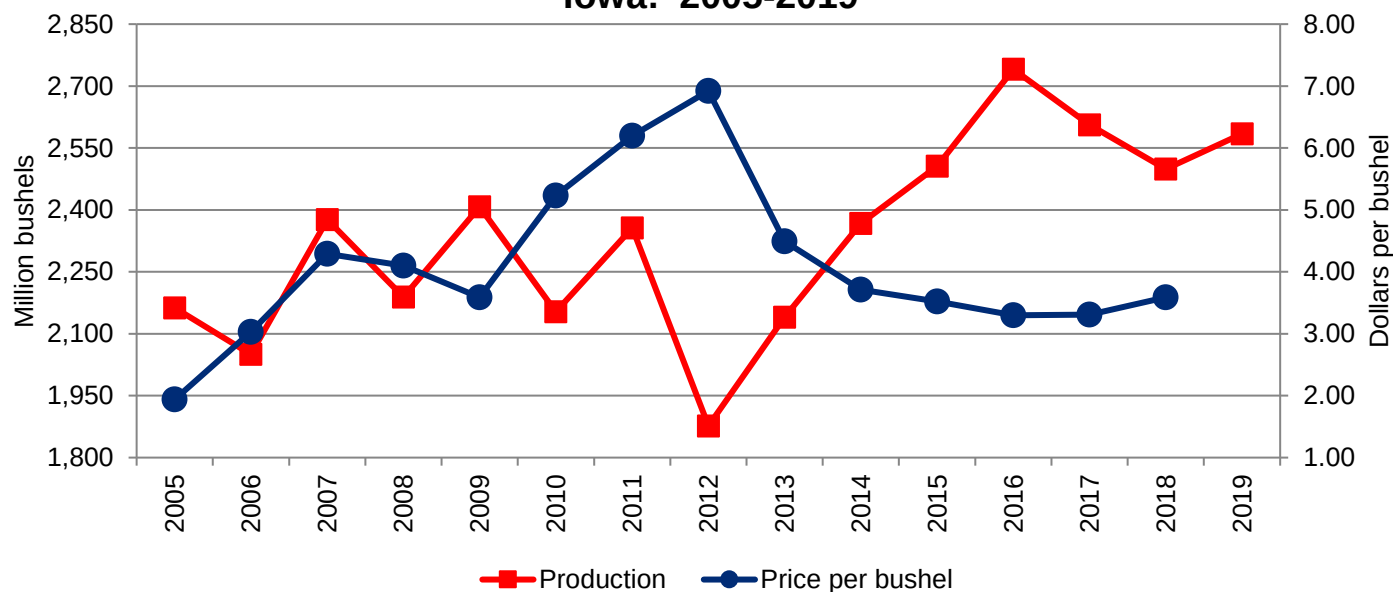
² Market year average price does not include any grain forfeited to CCC. For crops, market year prices are computed by weighting monthly prices by estimated monthly marketings.

Corn Prices Received – Iowa by District: Market Year Average 2014-2018

[District prices are published at the end of the marketing year which runs from September 1 through August 31 of the following year.]

	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast
(dollars per bushel)									
2014-2015	3.68	3.67	3.74	3.62	3.74	3.82	3.66	3.75	3.67
2015-2016	3.49	3.45	3.55	3.42	3.51	3.65	3.56	3.56	3.50
2016-2017	3.28	3.25	3.33	3.18	3.28	3.42	3.30	3.41	3.29
2017-2018	3.28	3.26	3.26	3.27	3.25	3.34	3.38	3.37	3.34
2018-2019	3.55	3.53	3.48	3.51	3.50	3.63	3.63	3.60	3.51

Corn Production and Market Year Average Prices Iowa: 2005-2019



Biotechnology Varieties – Iowa and U.S.

USDA, National Agricultural Statistics Service conducts the June Agricultural Survey each year. Randomly selected farmers across Iowa are asked if they planted corn seeds that, through biotechnology, are resistant to herbicides, insects, or both. Conventionally bred herbicide resistant varieties were excluded. Insect resistant varieties include only those containing bacillus thuringiensis (Bt). Stacked gene varieties include those containing biotech traits for both herbicide and insect resistance.

Corn Biotechnology Varieties, Percent of All Planted Acres – Iowa and United States: 2011-2020

Year	All planted acres	Insect resistant (Bt)	Herbicide resistant	Stacked gene varieties	All biotech varieties
	(1,000 acres)	(percent)	(percent)	(percent)	(percent)
Iowa					
2011	14,100	13	16	61	90
2012	14,200	12	15	64	91
2013	13,600	5	14	72	91
2014	13,700	4	8	83	95
2015	13,500	5	8	80	93
2016	13,900	3	9	80	92
2017	13,300	5	8	80	93
2018	13,200	3	7	83	93
2019	13,500	4	7	81	92
2020	14,000	3	8	79	90
United States					
2011	91,936	16	23	49	88
2012	97,291	15	21	52	88
2013	95,365	5	14	71	90
2014	90,597	4	13	76	93
2015	88,019	4	12	77	92
2016	94,004	3	13	76	92
2017	90,167	3	12	77	92
2018	88,871	2	10	80	92
2019	89,700	3	9	80	92
2020	92,006	3	10	79	92



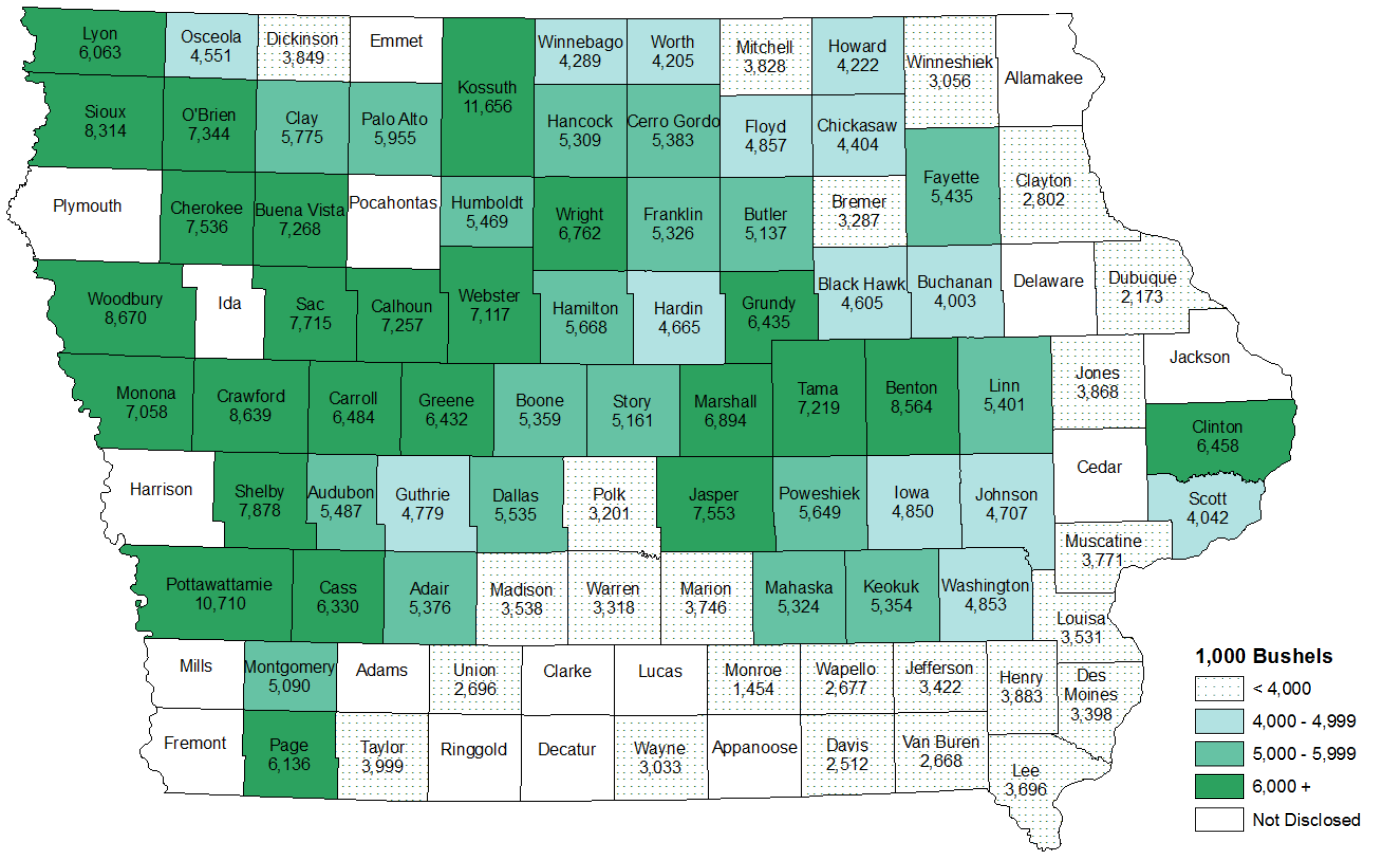
Corn for Silage, Area Harvested, Yield and Production – Iowa by County: 2018-2019

County and district	Area harvested		Yield		Production	
	2018	2019	2018	2019	2018	2019
	(acres)	(acres)	(tons per acre)	(tons per acre)	(tons)	(tons)
Clay.....	—	13,000	—	14.5	—	189,000
Combined counties	—	133,100	—	23.0	—	3,034,000
Northwest	77,000	146,100	22.0	22.0	1,685,000	3,223,000
Winnebago	420	940	16.5	18.5	7,000	17,300
Combined counties	17,780	20,860	19.5	24.0	343,000	497,700
North Central	18,200	21,800	19.0	23.5	350,000	515,000
Northeast	71,000	77,400	22.5	23.5	1,586,000	1,830,000
Greene	—	660	—	21.5	—	14,200
Combined counties	—	24,340	—	19.0	—	459,800
West Central	26,700	25,000	19.5	19.0	525,000	474,000
Boone	—	750	—	23.0	—	17,300
Marshall	—	6,710	—	25.5	—	171,000
Combined counties	—	7,840	—	20.5	—	161,700
Central	10,800	15,300	20.5	23.0	222,000	350,000
East Central	19,600	34,400	21.0	22.5	412,000	779,000
Adair	—	3,940	—	25.5	—	101,000
Combined counties	—	7,160	—	20.0	—	142,000
Southwest	10,000	11,100	13.5	22.0	135,000	243,000
Monroe	1,760	—	18.5	—	32,300	—
Union	1,130	680	17.0	16.0	19,000	11,000
Wayne	—	810	—	17.0	—	13,600
Combined counties	14,110	11,510	16.5	17.0	232,700	197,400
South Central	17,000	13,000	16.5	17.0	284,000	222,000
Davis	—	1,840	—	20.5	—	37,800
Des Moines	510	—	20.0	—	10,200	—
Louisa	—	720	—	20.5	—	14,800
Combined counties	19,190	13,340	17.0	17.5	325,800	231,400
Southeast	19,700	15,900	17.0	18.0	336,000	284,000
Iowa	270,000	360,000	20.5	22.0	5,535,000	7,920,000

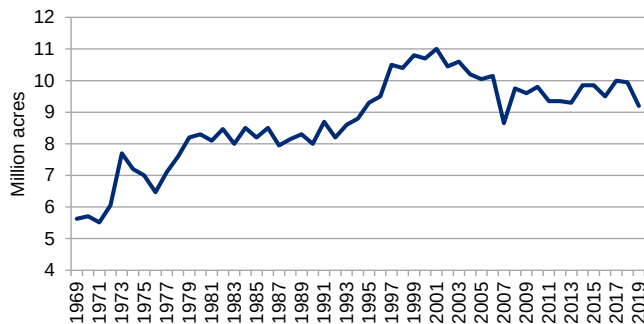
— Data does not meet publication standards but is published in "Combined counties" or represents zero.

Soybean Production – Iowa: 2019

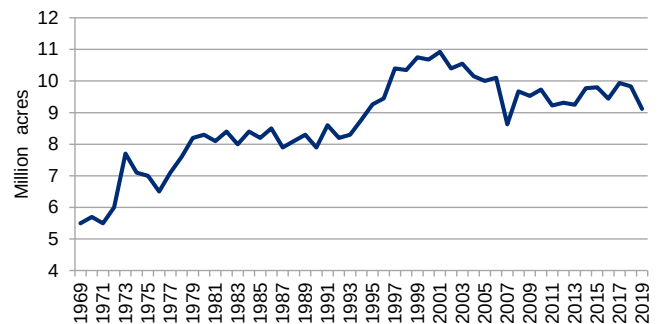
State Total: 501,600,000 Bushels



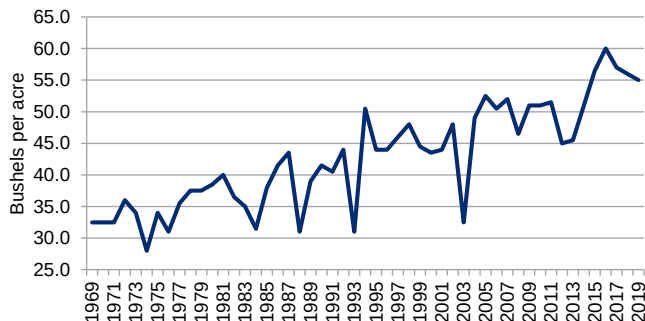
**Soybeans, Acres Planted for all Purposes
Iowa: 1969-2019**



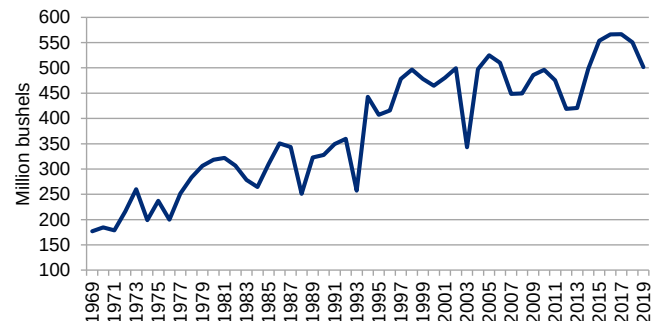
**Soybeans, Acres Harvested
Iowa: 1969-2019**



**Soybeans, Yield per Acre
Iowa: 1969-2019**



**Soybeans, Production
Iowa: 1969-2019**



Soybeans for Beans, Area Planted, Harvested, Yield and Production – Iowa by County: 2018-2019

County and district	Area planted		Area harvested		Yield		Production	
	2018	2019	2018	2019	2018	2019	2018	2019
	(acres)	(acres)	(acres)	(acres)	(bushels)	(bushels)	(bushels)	(bushels)
Buena Vista	144,000	137,000	142,300	135,800	55.5	53.5	7,895,000	7,268,000
Cherokee	134,500	129,000	132,900	128,100	64.3	58.8	8,549,000	7,536,000
Clay	128,500	115,000	127,200	113,500	52.6	50.9	6,689,000	5,775,000
Dickinson	86,200	75,600	85,000	75,100	49.8	51.3	4,231,000	3,849,000
Emmet	90,300	—	88,000	—	46.7	—	4,106,000	—
Lyon	124,500	111,500	123,100	110,600	60.6	54.8	7,463,000	6,063,000
O'Brien	145,000	132,000	143,300	131,100	59.9	56.0	8,584,000	7,344,000
Osceola	104,500	91,000	102,900	90,200	57.2	50.5	5,884,000	4,551,000
Palo Alto	118,000	108,000	114,200	107,200	48.8	55.6	5,568,000	5,955,000
Plymouth	201,500	—	197,500	—	61.3	—	12,114,000	—
Pocahontas	147,000	—	145,000	—	49.7	—	7,208,000	—
Sioux	160,000	138,000	157,600	136,700	65.8	60.8	10,370,000	8,314,000
Combined counties	(X)	403,900	(X)	400,700	(X)	54.0	(X)	21,619,000
Northwest	1,584,000	1,441,000	1,559,000	1,429,000	56.9	54.8	88,661,000	78,274,000
Butler	105,500	94,600	104,200	93,400	56.1	55.0	5,847,000	5,137,000
Cerro Gordo	115,500	103,000	114,200	102,200	51.7	52.7	5,900,000	5,383,000
Floyd	96,700	90,200	95,900	89,500	49.8	54.3	4,780,000	4,857,000
Franklin	109,500	99,300	108,100	98,500	58.5	54.1	6,328,000	5,326,000
Hancock	122,000	108,000	120,500	107,100	53.2	49.6	6,410,000	5,309,000
Humboldt	102,500	100,500	100,200	99,700	50.4	54.9	5,048,000	5,469,000
Kossuth	220,500	204,500	219,000	203,000	54.2	57.4	11,880,000	11,656,000
Mitchell	89,800	77,500	88,700	76,900	55.6	49.8	4,932,000	3,828,000
Winnebago	84,400	79,800	83,200	79,200	51.8	54.2	4,311,000	4,289,000
Worth	88,100	83,600	87,200	82,500	53.7	51.0	4,686,000	4,205,000
Wright	130,500	126,000	128,800	125,000	52.6	54.1	6,775,000	6,762,000
North Central	1,265,000	1,167,000	1,250,000	1,157,000	53.5	53.8	66,897,000	62,221,000
Allamakee	32,700	—	32,400	—	52.8	—	1,712,000	—
Black Hawk	93,400	89,600	92,500	88,700	58.4	51.9	5,403,000	4,605,000
Bremer	68,300	63,000	67,400	62,600	57.3	52.5	3,865,000	3,287,000
Buchanan	82,600	73,100	82,000	72,500	57.2	55.2	4,690,000	4,003,000
Chickasaw	89,000	81,500	87,900	80,800	53.2	54.5	4,680,000	4,404,000
Clayton	59,200	50,300	58,800	49,700	58.8	56.4	3,458,000	2,802,000
Delaware	63,300	—	62,800	—	63.9	—	4,010,000	—
Dubuque	41,200	36,500	40,900	36,100	62.0	60.2	2,534,000	2,173,000
Fayette	109,000	98,700	108,100	97,900	56.5	55.5	6,107,000	5,435,000
Howard	87,100	81,500	86,500	81,000	53.7	52.1	4,642,000	4,222,000
Winneshiek	66,200	55,400	65,700	55,000	51.7	55.6	3,397,000	3,056,000
Combined counties	(X)	77,400	(X)	76,700	(X)	56.4	(X)	4,326,000
Northeast	792,000	707,000	785,000	701,000	56.7	54.7	44,498,000	38,313,000
Audubon	91,600	94,000	90,800	93,200	52.3	58.9	4,746,000	5,487,000
Calhoun	140,500	132,500	138,500	131,600	53.1	55.1	7,355,000	7,257,000
Carroll	114,000	111,000	112,700	110,200	59.0	58.8	6,654,000	6,484,000
Crawford	146,500	140,500	145,200	139,500	61.7	61.9	8,959,000	8,639,000
Greene	129,000	119,500	127,400	118,700	55.5	54.2	7,076,000	6,432,000
Guthrie	94,200	88,800	93,400	88,200	52.0	54.2	4,853,000	4,779,000
Harrison	135,000	—	133,700	—	52.6	—	7,038,000	—
Ida	98,200	—	97,400	—	63.8	—	6,216,000	—
Monona	140,000	128,000	138,000	126,600	55.3	55.8	7,635,000	7,058,000
Sac	143,000	131,000	141,500	130,000	60.7	59.3	8,592,000	7,715,000
Shelby	137,000	135,000	135,900	134,100	57.8	58.7	7,857,000	7,878,000
Woodbury	169,000	154,000	167,500	152,600	59.5	56.8	9,968,000	8,670,000
Combined counties	(X)	210,700	(X)	209,300	(X)	55.9	(X)	11,704,000
West Central	1,538,000	1,445,000	1,522,000	1,434,000	57.1	57.3	86,949,000	82,103,000

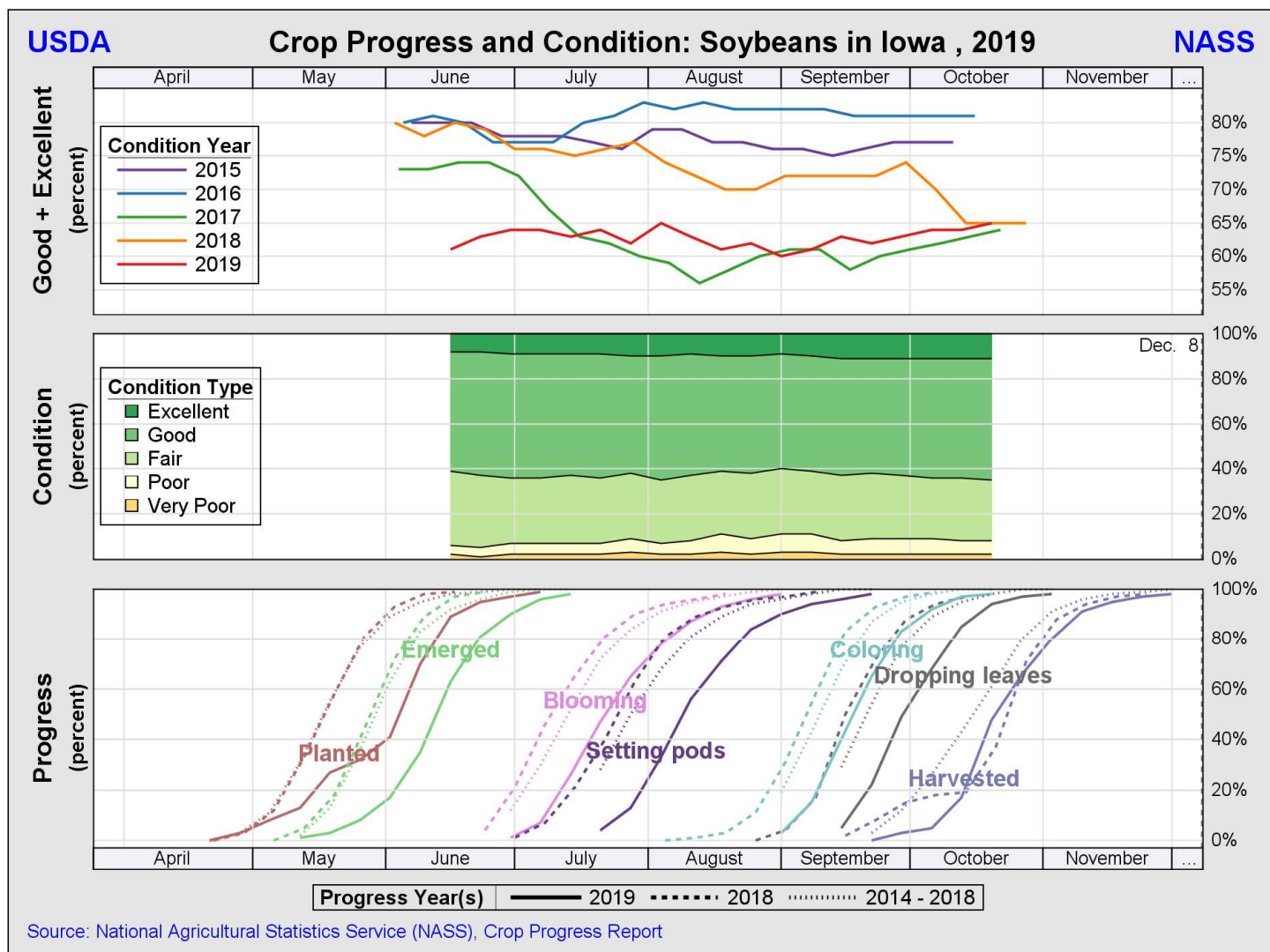
See footnote(s) at the end of the table.

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**Soybeans for Beans, Area Planted, Harvested, Yield and Production – Iowa by County:
2018-2019 (continued)**

County and district	Area planted		Area harvested		Yield		Production	
	2018	2019	2018	2019	2018	2019	2018	2019
	(acres)	(acres)	(acres)	(acres)	(bushels)	(bushels)	(bushels)	(bushels)
Boone	111,000	101,500	109,900	100,800	54.6	53.2	5,996,000	5,359,000
Dallas	103,000	103,000	101,200	101,800	52.8	54.4	5,346,000	5,535,000
Grundy	124,500	115,000	123,100	114,200	61.9	56.3	7,623,000	6,435,000
Hamilton	116,500	111,000	115,100	110,200	49.9	51.4	5,741,000	5,668,000
Hardin	102,000	87,200	101,000	86,600	59.3	53.9	5,991,000	4,665,000
Jasper	143,000	134,500	141,400	133,600	60.7	56.5	8,578,000	7,553,000
Marshall	120,500	114,500	119,400	113,700	61.9	60.6	7,396,000	6,894,000
Polk	68,000	63,300	65,800	62,800	53.4	51.0	3,516,000	3,201,000
Poweshiek	118,500	106,500	117,400	105,800	58.2	53.4	6,827,000	5,649,000
Story	116,000	104,000	114,900	103,300	52.8	50.0	6,072,000	5,161,000
Tama	143,000	136,500	141,400	135,200	60.1	53.4	8,500,000	7,219,000
Webster	157,000	146,000	155,400	145,000	51.1	49.1	7,947,000	7,117,000
Central	1,423,000	1,323,000	1,406,000	1,313,000	56.6	53.7	79,533,000	70,456,000
Benton	154,000	149,000	152,500	147,900	61.0	57.9	9,299,000	8,564,000
Cedar	119,000	—	118,100	—	63.3	—	7,474,000	—
Clinton	119,500	109,500	118,600	108,600	58.3	59.5	6,916,000	6,458,000
Iowa	97,100	94,500	95,200	92,800	56.0	52.3	5,330,000	4,850,000
Jackson	51,500	—	51,100	—	58.1	—	2,967,000	—
Johnson	91,800	85,400	90,300	84,800	59.9	55.5	5,411,000	4,707,000
Jones	72,400	68,400	71,800	67,600	60.1	57.2	4,313,000	3,868,000
Linn	104,500	96,300	103,700	95,600	57.7	56.5	5,979,000	5,401,000
Muscatine	72,600	68,800	72,100	68,300	61.7	55.2	4,448,000	3,771,000
Scott	68,600	67,300	67,600	66,800	63.7	60.5	4,308,000	4,042,000
Combined counties	(X)	159,800	(X)	158,600	(X)	55.2	(X)	8,751,000
East Central	951,000	899,000	941,000	891,000	60.0	56.6	56,445,000	50,412,000
Adair	106,500	101,500	105,700	100,900	50.1	53.3	5,300,000	5,376,000
Adams	69,500	—	69,000	—	53.2	—	3,674,000	—
Cass	121,500	112,000	120,500	111,300	52.6	56.9	6,339,000	6,330,000
Fremont	112,500	—	110,900	—	50.6	—	5,613,000	—
Montgomery	88,700	87,800	87,900	87,300	51.8	58.3	4,549,000	5,090,000
Page	108,500	110,500	107,700	109,700	50.5	55.9	5,439,000	6,136,000
Pottawattamie	—	184,500	—	183,200	—	58.5	—	10,710,000
Taylor	—	80,700	—	80,200	—	49.9	—	3,999,000
Combined counties	382,800	235,000	378,300	232,400	52.1	55.8	19,699,000	12,975,000
Southwest	990,000	912,000	980,000	905,000	51.6	55.9	50,613,000	50,616,000
Appanoose	47,200	—	46,700	—	45.1	—	2,106,000	—
Clarke	38,800	—	38,500	—	47.9	—	1,843,000	—
Decatur	44,500	—	43,800	—	48.0	—	2,101,000	—
Lucas	39,200	—	38,800	—	41.5	—	1,611,000	—
Madison	68,700	68,500	67,600	67,700	50.9	52.3	3,438,000	3,538,000
Marion	74,200	70,100	73,300	69,400	58.3	54.0	4,271,000	3,746,000
Monroe	30,900	26,200	30,500	25,900	50.4	56.1	1,538,000	1,454,000
Ringgold	58,300	—	57,600	—	47.2	—	2,718,000	—
Union	55,600	50,700	55,000	50,200	48.6	53.7	2,671,000	2,696,000
Warren	71,300	64,800	70,600	63,400	52.0	52.3	3,673,000	3,318,000
Wayne	72,300	58,900	71,600	57,800	49.0	52.5	3,506,000	3,033,000
Combined counties	(X)	203,800	(X)	201,600	(X)	50.1	(X)	10,102,000
South Central	601,000	543,000	594,000	536,000	49.6	52.0	29,476,000	27,887,000
Davis	53,000	47,000	52,500	46,000	50.2	54.6	2,635,000	2,512,000
Des Moines	68,700	62,300	68,200	61,700	63.8	55.1	4,350,000	3,398,000
Henry	67,800	68,800	67,300	68,200	62.3	56.9	4,192,000	3,883,000
Jefferson	69,300	64,900	68,500	64,200	62.0	53.3	4,248,000	3,422,000
Keokuk	104,500	97,000	102,700	95,900	57.7	55.8	5,929,000	5,354,000
Lee	71,000	68,100	70,400	67,500	64.7	54.8	4,558,000	3,696,000
Louisa	70,600	66,100	70,100	65,000	58.1	54.3	4,071,000	3,531,000
Mahaska	102,500	100,500	98,400	99,100	59.7	53.7	5,876,000	5,324,000
Van Buren	50,200	50,000	49,800	49,500	54.2	53.9	2,699,000	2,668,000
Wapello	54,800	48,700	54,500	48,200	60.2	55.5	3,279,000	2,677,000
Washington	93,600	89,600	90,600	88,700	61.5	54.7	5,571,000	4,853,000
Southeast	806,000	763,000	793,000	754,000	59.8	54.8	47,408,000	41,318,000
Iowa	9,950,000	9,200,000	9,830,000	9,120,000	56.0	55.0	550,480,000	501,600,000

— Data does not meet publication standards but is published in "Combined counties", or represents zero.
(X) Not applicable.



Crop Condition: The following definitions are used when evaluating crop condition.

Very Poor: Extreme degree of loss to yield potential, complete or near crop failure.

Poor: Heavy degree of loss of yield potential which can be caused by excess soil moisture, drought, disease, etc.

Fair: Less than normal crop condition. Yield loss is a possibility but the extent is unknown.

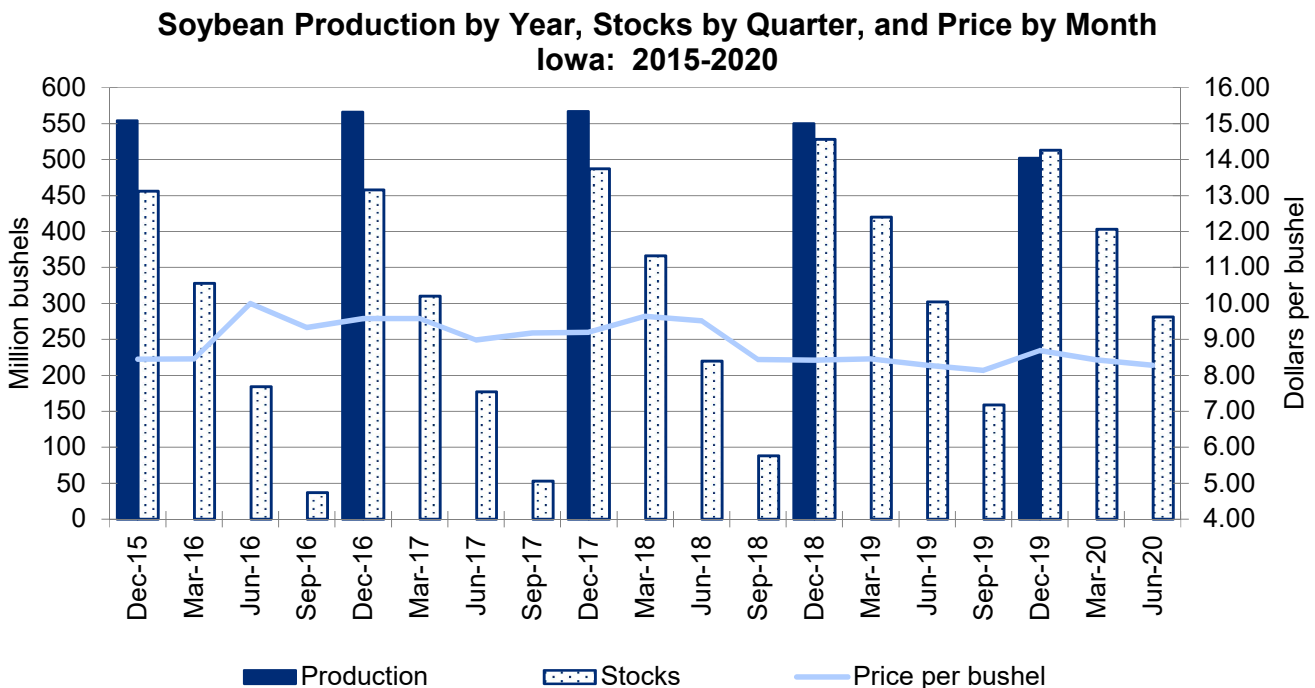
Good: Yield prospects are normal. Moisture levels are adequate and disease, insect damage, and weed pressures are minor.

Excellent: Yield prospects are above normal and crops are experiencing little or no stress. Disease, insect damage, and weed pressures are insignificant.

Soybean Production, Stocks on Farms, and Total Stocks by Quarter – Iowa and United States: 2010-2020

Crop year	Production	Marketing season							
		December 1		March 1		June 1		September 1	
		On-farm	Total	On-farm	Total	On-farm	Total	On-farm	Total
----- (1,000 bushels) -----									
Iowa									
2010-2011	496,230	160,000	387,386	94,000	246,397	50,000	139,225	10,500	47,112
2011-2012	475,345	185,000	422,825	120,000	295,028	44,000	146,588	9,400	38,764
2012-2013	418,950	145,000	338,067	89,000	207,577	40,000	103,421	12,500	40,211
2013-2014	420,875	135,000	339,834	74,000	208,224	24,000	94,193	5,900	21,596
2014-2015	498,270	180,000	408,616	110,000	257,691	50,000	125,505	10,500	37,265
2015-2016	553,700	195,000	455,673	155,000	328,475	53,000	183,673	6,400	36,541
2016-2017	566,400	185,000	457,767	115,000	309,614	62,000	177,472	15,000	53,075
2017-2018	566,580	210,000	487,498	150,000	365,619	71,000	219,578	21,500	87,866
2018-2019	550,480	250,000	527,503	195,000	420,241	140,000	301,665	44,500	158,931
2019-2020	501,600	220,000	513,162	185,000	402,986	140,000	280,756	(NA)	(NA)
United States									
2010-2011	3,331,306	1,091,000	2,278,084	505,000	1,248,800	217,700	619,283	48,500	215,013
2011-2012	3,097,179	1,139,000	2,369,885	555,000	1,374,488	179,000	667,465	38,250	169,370
2012-2013	3,042,044	910,000	1,966,161	456,700	998,020	171,100	434,664	39,550	140,557
2013-2014	3,357,004	955,000	2,153,621	381,900	993,828	109,100	405,045	21,325	91,991
2014-2015	3,928,070	1,218,000	2,527,744	609,200	1,326,599	246,300	627,068	49,700	190,610
2015-2016	3,926,779	1,308,500	2,714,077	727,500	1,530,906	281,300	871,781	41,560	196,729
2016-2017	4,296,496	1,335,000	2,899,056	668,500	1,738,933	332,500	965,856	87,900	301,595
2017-2018	4,411,633	1,485,000	3,160,679	855,000	2,109,303	377,000	1,219,329	101,000	438,105
2018-2019	4,428,150	1,935,000	3,745,824	1,270,000	2,727,069	730,000	1,783,080	265,000	909,052
2019-2020	3,552,241	1,519,500	3,252,488	1,011,500	2,254,882	633,000	1,385,989	(NA)	(NA)

(NA) Not available.



Soybeans, Supply and Use – United States: Marketing Year 2010-2019

Marketing year ¹	Supply			Use ⁵				Ending stocks	Ending stocks by days ³	Ending stocks as percent of total use	Marketing year average farm price
	Beginning stocks	Production	Total supply ^{2 5}	Crush	Seed, feed, and residual use	Exports	Total use				
	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)			(dollars per bushel)
2010-2011	151	3,331	3,497	1,648	129	1,505	3,282	215	24	7	11.30
2011-2012	215	3,097	3,328	1,703	91	1,365	3,159	169	20	5	12.50
2012-2013	169	3,042	3,252	1,689	95	1,328	3,111	141	17	5	14.40
2013-2014	141	3,357	3,569	1,734	105	1,639	3,477	92	10	3	13.00
2014-2015	92	3,928	4,053	1,873	147	1,842	3,863	191	18	5	10.10
2015-2016	191	3,927	4,141	1,886	115	1,943	3,944	197	18	5	8.95
2016-2017	197	4,296	4,515	1,901	146	2,166	4,214	302	26	7	9.47
2017-2018	302	4,412	4,735	2,055	109	2,134	4,297	438	37	10	9.33
2018-2019	438	4,428	4,880	2,092	127	1,752	3,971	909	84	23	8.48
2019-2020 ^{4 5}	909	3,552	4,476	2,160	51	1,650	3,862	615	58	16	8.55

¹ September 1 – August 31.

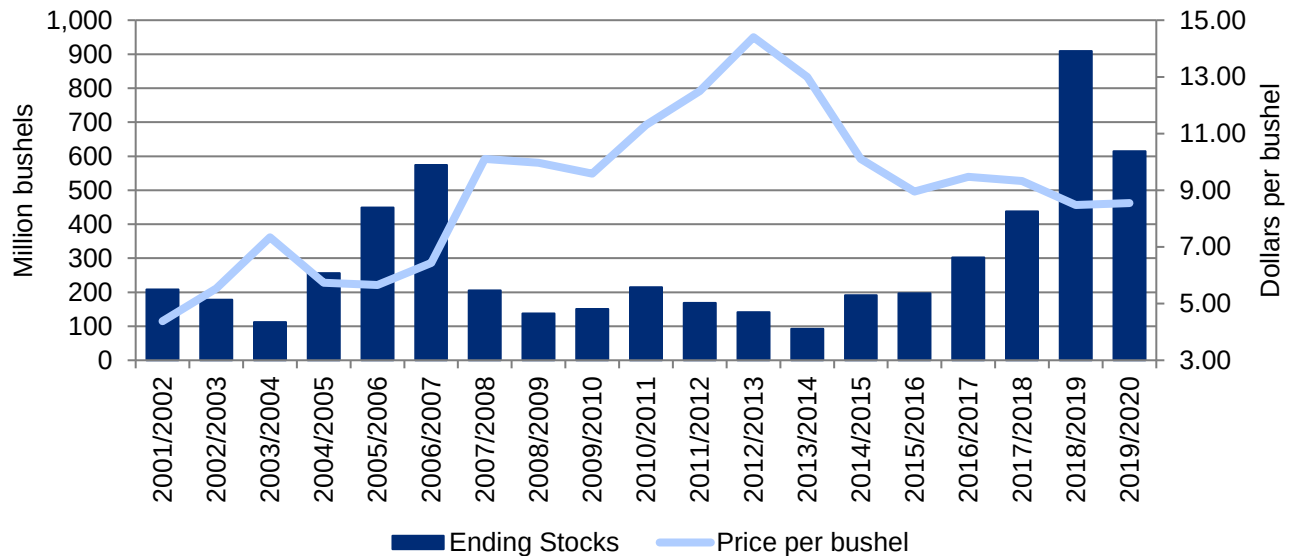
² Includes beginning stocks, production, and imports.

³ Ending stocks available by days is calculated by dividing the current year's total use by days during a year to obtain a daily use. The ending stocks are then divided by the daily use to obtain stocks available by days.

⁴ Estimated.

⁵ Source: World Agricultural Supply and Demand Estimates Report.

Soybeans Ending Stocks vs Market Year Average Price per Bushel United States: 2001-2019



Source: [World Agricultural Supply and Demand Estimates Report](#)

Objective Yield Data, Soybeans – Iowa

The National Agricultural Statistics Service conducts objective yield surveys in randomly selected plots in soybean fields. These fields are visited monthly from August through harvest to obtain specific counts and measurements. Data in these tables are rounded actual field counts from this survey.

Soybeans, Pods with Beans per 18 Square Feet – Iowa: 2015-2019

Year	September	October	November	Final
2015	1,779	1,805	1,834	1,834
2016	1,808	1,801	1,861	1,890
2017	1,644	1,670	1,717	1,735
2018	1,823	1,984	2,082	2,097
2019	1,601	1,642	1,660	1,682

Soybeans, Frequency of Farmer Reported Row Widths – Iowa: 2015-2019

Year	Less than 7.5 inches ¹	7.5 inches	15 inches	30 inches	More than 30 inches
2015	4	4	76	92	4
2016	1	6	73	100	2
2017	1	3	80	94	1
2018	1	11	77	88	3
2019	1	9	51	66	0

¹ Includes broadcast soybeans.

Soybeans, Percentage Distribution by Measured Row Width and Average Row Width – Iowa: 2015-2019

Year	Number of samples	Row width (inches)					Average row width ¹
		10.0 or less ¹	10.1-18.5	18.6-28.5	28.6-34.5	34.6 or greater	
2015	181	2.8	36.7	9.1	49.2	2.2	23.4
2016	179	2.2	34.4	11.2	50.5	1.7	23.7
2017	180	1.1	34.4	12.8	50.6	1.1	23.7
2018	177	4.8	36.5	10.1	45.8	2.8	22.8
2019	124	4.9	36.0	9.7	48.6	0.8	23.1

¹ Broadcast soybeans included as "10.0 inches and less" but excluded in computation of average width.

Soybean Prices Received by Farmers by Month – Iowa and United States: 2015-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep ¹	Oct	Nov	Dec	Market year average ²
(dollars per bushel)													
Iowa													
2015	10.20	9.84	9.76	9.58	9.50	9.50	10.00	9.49	8.83	8.69	8.58	8.45	8.91
2016	8.46	8.36	8.46	8.93	9.61	10.00	10.10	9.77	9.33	9.22	9.36	9.58	9.34
2017	9.58	9.71	9.58	9.29	9.14	8.98	9.32	9.05	9.18	9.15	9.21	9.20	9.25
2018	9.15	9.36	9.64	9.75	9.58	9.52	9.15	8.38	8.44	8.72	8.49	8.42	8.46
2019	8.60	8.38	8.46	8.25	7.89	8.28	8.38	8.28	8.14	8.50	8.50	8.69	(NA)
United States													
2015	10.30	9.91	9.85	9.69	9.58	9.58	9.95	9.71	9.05	8.81	8.68	8.76	8.95
2016	8.71	8.51	8.56	9.01	9.76	10.20	10.20	9.93	9.41	9.30	9.47	9.64	9.47
2017	9.71	9.86	9.69	9.33	9.29	9.10	9.42	9.24	9.35	9.18	9.22	9.30	9.33
2018	9.30	9.50	9.81	9.85	9.84	9.55	9.08	8.59	8.78	8.59	8.36	8.56	8.48
2019	8.64	8.52	8.52	8.28	8.02	8.31	8.38	8.22	8.35	8.60	8.59	8.70	(NA)

(NA) Not available.

¹ Soybean marketing season is from September 1 through August 31 of the following year.

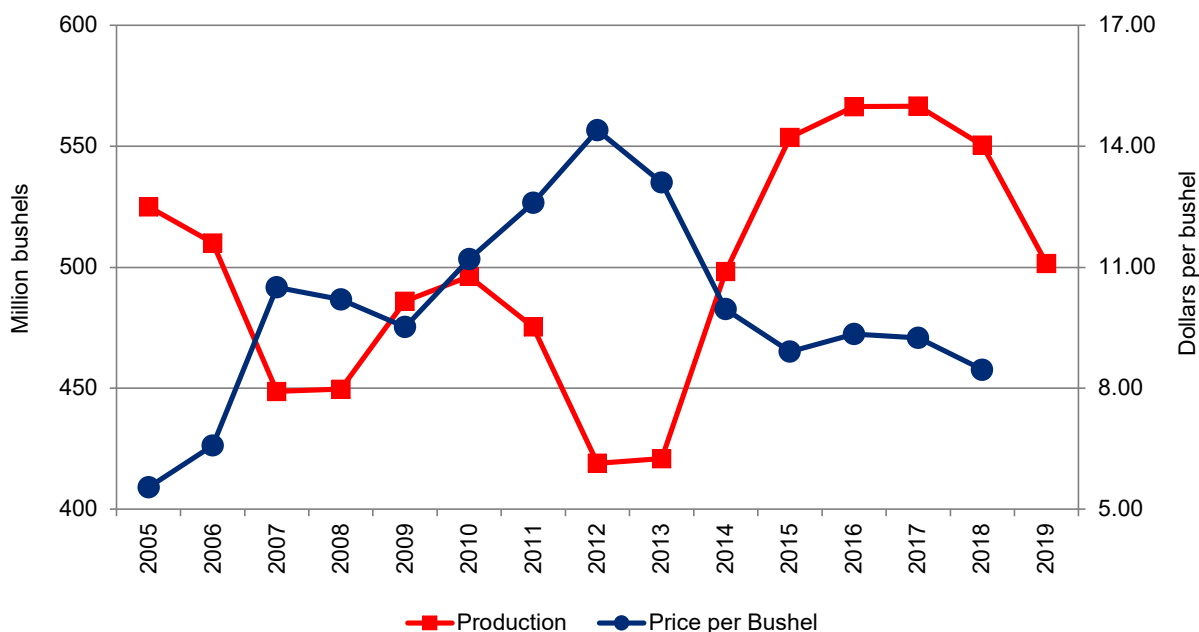
² Market year average price does not include any grain forfeited to CCC. For crops, market year prices are computed by weighting monthly prices by estimated monthly marketings.

Soybean Prices Received – Iowa by District: Market Year Average 2014-2018

[District prices are published at the end of the marketing year which runs from September 1 through August 31 of the following year.]

	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast
(dollars per bushel)									
2014-2015	9.79	9.97	10.13	9.92	9.96	10.20	9.73	10.16	10.17
2015-2016	8.83	8.82	8.91	8.89	8.83	9.18	8.85	8.87	9.21
2016-2017	9.23	9.28	9.33	9.24	9.36	9.60	9.31	9.37	9.65
2017-2018	9.14	9.16	9.40	9.09	9.27	9.47	9.36	9.26	9.61
2018-2019	8.32	8.50	8.54	8.46	8.46	8.55	8.45	8.46	8.64

Soybean Production and Market Year Average Prices Iowa: 2005-2019



Biotechnology Varieties – Iowa and U.S.

USDA, National Agricultural Statistics Service conducts the June Agricultural Survey each year. Randomly selected farmers across Iowa are asked if they planted soybean seeds that, through biotechnology, are resistant to herbicides. Conventionally bred herbicide resistant varieties were excluded.

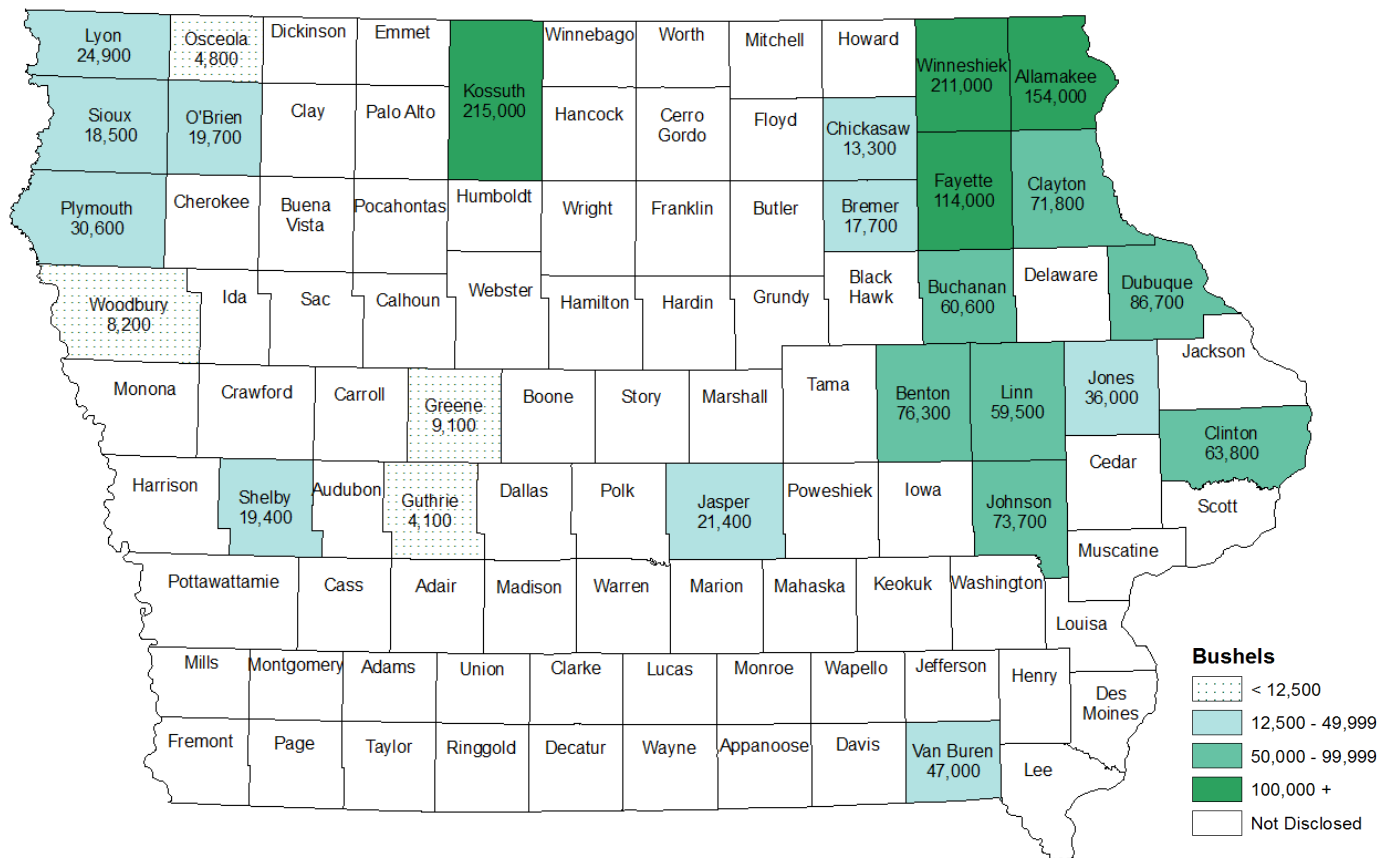
Soybean Biotechnology Varieties, Percent of All Planted Acres – Iowa and United States: 2011-2020

Year	Acres planted	Herbicide resistant	All biotech varieties
	(1,000 acres)	(percent)	(percent)
Iowa			
2011	9,350	97	97
2012	9,350	97	97
2013	9,300	93	93
2014	9,850	97	97
2015	9,850	96	96
2016	9,500	97	97
2017	10,000	94	94
2018	9,950	95	95
2019	9,200	94	94
2020	9,400	93	93
United States			
2011	75,046	94	94
2012	77,198	93	93
2013	76,820	93	93
2014	83,296	94	94
2015	82,660	94	94
2016	83,453	94	94
2017	90,162	94	94
2018	89,167	94	94
2019	76,100	94	94
2020	83,825	94	94

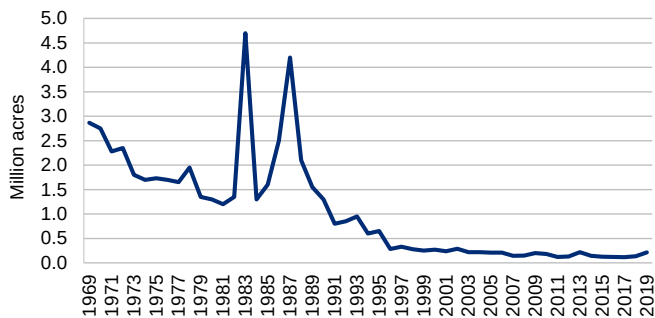


Oat Production – Iowa: 2019

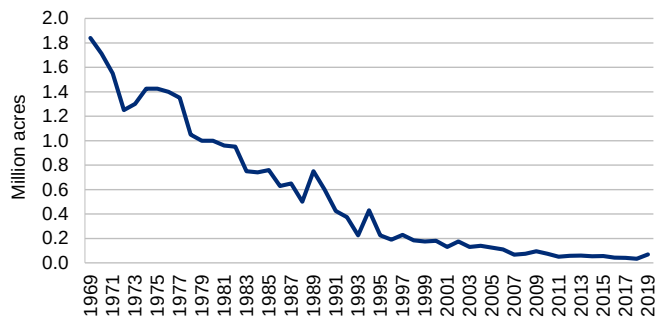
State Total: 4,002,000 Bushels



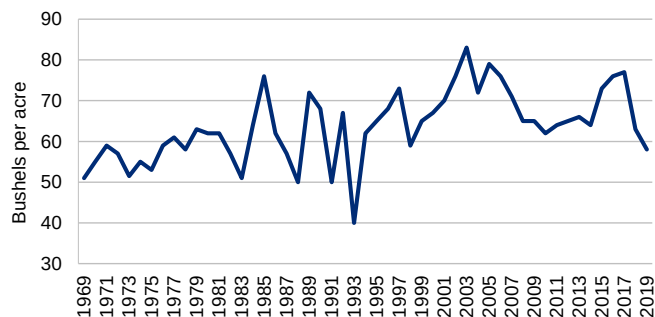
**Oats, Planted Acres
Iowa: 1969-2019**



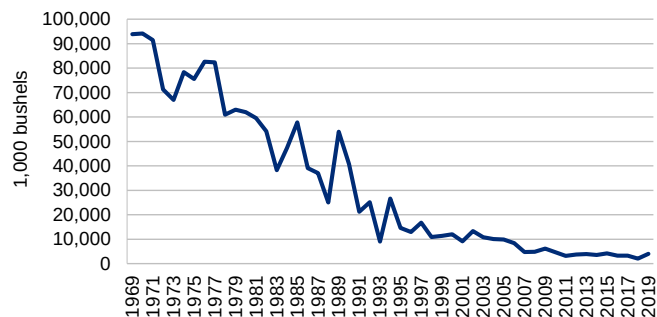
**Oats, Harvested Acres
Iowa: 1969-2019**



**Oats, Yield per Acre
Iowa: 1969-2019**



**Oats, Production
Iowa: 1969-2019**



Oats Area Planted, Harvested, Yield and Production – Iowa by County: 2018-2019

County and district	Area planted		Area harvested		Yield per acre		Production	
	2018	2019	2018	2019	2018	2019	2018	2019
	(acres)	(acres)	(acres)	(acres)	(bushels)	(bushels)	(bushels)	(bushels)
Lyon.....	900	800	360	360	88.3	69.2	31,800	24,900
O'Brien	800	700	180	330	76.7	59.7	13,800	19,700
Osceola	—	500	—	100	—	48.0	—	4,800
Plymouth	1,100	1,800	400	430	90.8	71.2	36,300	30,600
Sioux	1,100	1,300	350	260	88.0	71.2	30,800	18,500
Combined counties	5,400	15,600	2,270	6,020	65.3	84.3	148,300	507,500
Northwest.....	9,300	20,700	3,560	7,500	73.3	80.8	261,000	606,000
Cerro Gordo	600	—	80	—	75.0	—	6,000	—
Kossuth	—	4,600	—	4,130	—	52.1	—	215,000
Mitchell	900	—	280	—	62.1	—	17,400	—
Combined counties	6,200	10,500	2,330	6,470	54.3	53.2	126,600	344,000
North Central	7,700	15,100	2,690	10,600	55.8	52.7	150,000	559,000
Allamakee	—	10,400	—	2,560	—	60.2	—	154,000
Bremer.....	1,000	1,600	340	230	80.3	77.0	27,300	17,700
Buchanan	1,100	2,100	540	990	61.1	61.2	33,000	60,600
Chickasaw	—	2,200	—	220	—	60.5	—	13,300
Clayton	6,100	9,100	1,300	1,190	59.2	60.3	76,900	71,800
Dubuque.....	6,100	12,000	780	1,350	62.9	64.2	49,100	86,700
Fayette	3,200	5,200	330	1,760	54.8	64.8	18,100	114,000
Howard.....	1,600	—	660	—	40.6	—	26,800	—
Winneshiek.....	7,900	11,000	2,090	3,520	77.0	59.9	161,000	211,000
Combined counties	13,000	10,100	4,760	2,580	68.4	70.1	325,800	180,900
Northeast	40,000	63,700	10,800	14,400	66.5	63.2	718,000	910,000
Carroll.....	500	—	200	—	61.5	—	12,300	—
Greene	600	900	190	190	34.7	47.9	6,600	9,100
Guthrie.....	—	2,100	—	70	—	58.6	—	4,100
Shelby	600	1,000	130	260	76.9	74.6	10,000	19,400
Woodbury	—	700	—	100	—	82.0	—	8,200
Combined counties	6,500	7,100	1,450	1,480	76.6	66.4	111,100	98,200
West Central	8,200	11,800	1,970	2,100	71.1	66.2	140,000	139,000
Boone.....	700	—	140	—	57.9	—	8,100	—
Hardin.....	500	—	160	—	70.0	—	11,200	—
Jasper.....	1,300	3,300	110	350	54.5	61.1	6,000	21,400
Poweshiek.....	2,100	—	350	—	59.7	—	20,900	—
Story.....	600	—	180	—	55.0	—	9,900	—
Tama.....	2,100	—	140	—	50.7	—	7,100	—
Combined counties	3,200	15,700	500	5,550	69.6	62.6	34,800	347,600
Central.....	10,500	19,000	1,580	5,900	62.0	62.5	98,000	369,000
Benton.....	1,700	1,700	690	1,170	65.5	65.2	45,200	76,300
Cedar.....	900	—	150	—	60.7	—	9,100	—
Clinton	—	3,600	—	990	—	64.4	—	63,800
Iowa.....	1,900	—	590	—	76.6	—	45,200	—
Jackson	5,100	—	880	—	52.5	—	46,200	—
Johnson.....	—	2,000	—	1,360	—	54.2	—	73,700
Jones.....	—	3,600	—	560	—	64.3	—	36,000
Linn.....	1,200	2,500	530	900	55.1	66.1	29,200	59,500
Scott.....	600	—	80	—	77.5	—	6,200	—
Combined counties	7,700	15,500	3,930	5,020	51.4	59.3	201,900	297,700
East Central	19,100	28,900	6,850	10,000	55.9	60.7	383,000	607,000
Adams.....	1,800	—	210	—	64.8	—	13,600	—
Combined counties	9,500	—	1,620	—	56.4	—	91,400	—
Southwest	11,300	—	1,830	—	57.4	—	105,000	—
Lucas.....	1,500	—	260	—	56.5	—	14,700	—
Marion	2,100	—	350	—	66.9	—	23,400	—
Union.....	2,300	—	520	—	70.2	—	36,500	—
Combined counties	12,000	—	1,380	—	56.8	—	78,400	—
South Central.....	17,900	—	2,510	—	61.0	—	153,000	—
Davis.....	1,700	—	140	—	60.0	—	8,400	—
Jefferson	900	—	110	—	53.6	—	5,900	—
Van Buren	1,100	1,300	160	1,110	53.8	42.3	8,600	47,000
Washington	1,000	—	320	—	54.4	—	17,400	—
Combined counties	6,300	13,400	480	5,790	64.0	39.6	30,700	229,000
Southeast.....	11,000	14,700	1,210	6,900	58.7	40.0	71,000	276,000
Combined districts	(X)	41,100	(X)	11,600	(X)	46.2	(X)	536,000
State.....	135,000	215,000	33,000	69,000	63.0	58.0	2,079,000	4,002,000

— Data does not meet publication standards but is published in "Combined counties" or "Combined districts", or represents zero.

(X) Not applicable.

Oat Prices Received by Farmers by Month – Iowa and United States: 2015-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul ¹	Aug	Sep	Oct	Nov	Dec	Market year average ²
(dollars per bushel)													
Iowa													
2015	3.77	4.26	3.27	3.62	2.98	3.46	2.55	2.50	2.62	3.11	2.71	2.64	2.57
2016	2.62	2.41	2.83	2.54	2.53	2.44	2.32	2.37	2.42	2.27	2.44	2.63	2.52
2017	3.00	3.08	3.20	2.95	2.96	3.21	2.52	2.37	2.52	2.79	3.16	3.13	2.54
2018	2.75	3.18	3.10	2.78	2.94	2.67	2.37	2.70	2.73	2.89	3.61	3.42	2.93
2019	3.82	3.94	3.80	3.38	3.46	3.71	3.60	3.25	3.38	3.46	3.73	3.70	3.53
United States													
2015	3.02	3.08	2.96	2.82	2.90	2.83	2.33	2.07	2.04	2.20	2.11	2.12	2.12
2016	1.93	2.21	2.20	1.97	2.26	1.98	1.89	1.84	1.97	2.03	2.23	2.35	2.06
2017	2.31	2.39	2.39	2.32	2.63	2.74	2.33	2.32	2.56	2.55	2.68	2.94	2.59
2018	3.29	2.63	2.80	2.93	3.14	3.04	2.61	2.47	2.62	2.71	2.55	2.67	2.66
2019	2.67	2.84	2.67	3.01	3.11	3.35	3.09	2.72	2.67	2.83	2.95	3.02	2.82

¹ Oat marketing season is from July 1 through June 30 of the following year.

² Market year average price does not include any grain forfeited to CCC. For crops, market year prices are computed by weighting monthly prices by estimated monthly marketings.

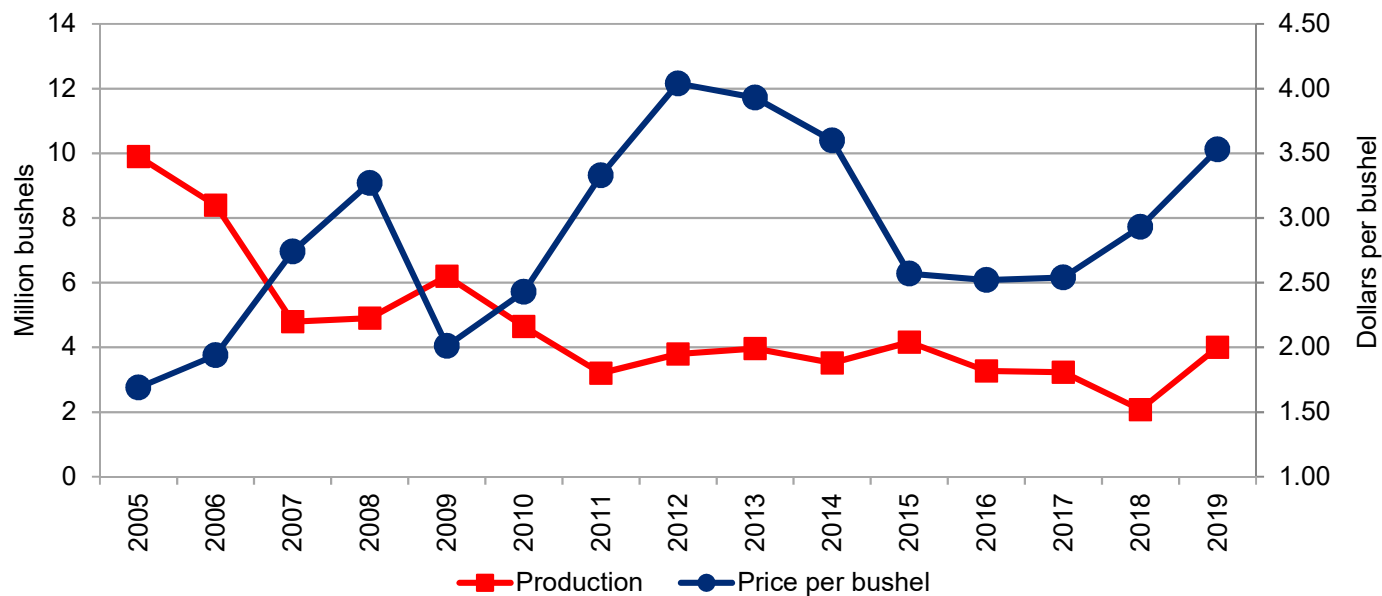
Oat Prices Received by Farmers – Iowa by District: Market Year Average 2014-2018

[District prices are published at the end of the marketing year which runs from July 1 through June 30 of the following year.]

Year	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast
(dollars per bushel)									
2014-2015	3.42	3.84	3.79	3.55	3.49	3.50	3.10	3.80	3.59
2015-2016	2.67	2.73	2.36	2.28	2.80	2.36	2.20	3.00	2.70
2016-2017	2.10	2.35	2.20	(D)	(D)	2.30	2.90	3.10	2.60
2017-2018	2.35	2.50	2.40	2.60	(D)	2.60	(D)	(D)	2.30
2018-2019	2.73	3.11	2.95	(D)	3.13	2.84	(D)	(D)	2.95

(D) Withheld to avoid disclosing data for individual operations.

Oat Production and Market Year Average Prices Iowa: 2005-2019



Alfalfa Hay, Prices Received by Farmers by Month – Iowa and United States: 2015-2019

Year	Jun ¹	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Market year average ²
(dollars per ton)													
Iowa													
2015-2016	125	115	115	117	118	125	120	122	107	102	104	96	114
2016-2017	96	96	93	88	97	103	99	94	90	84	89	96	93
2017-2018	102	110	105	105	106	133	117	116	110	127	142	126	117
2018-2019	119	106	110	114	140	127	145	135	141	150	155	168	135
2019-2020	141	123	121	123	143	152	149	130	119	116	121	123	130
United States													
2015-2016	178	172	161	160	155	147	149	141	137	139	154	146	158
2016-2017	140	138	137	136	135	130	127	126	127	134	150	156	136
2017-2018	154	153	148	149	152	150	149	153	155	165	183	189	154
2018-2019	182	179	177	179	176	173	179	179	180	186	198	201	180
2019-2020	192	183	179	179	177	169	172	169	168	172	180	179	179

¹ Alfalfa hay marketing season is from June 1 through May 31 of the following year.

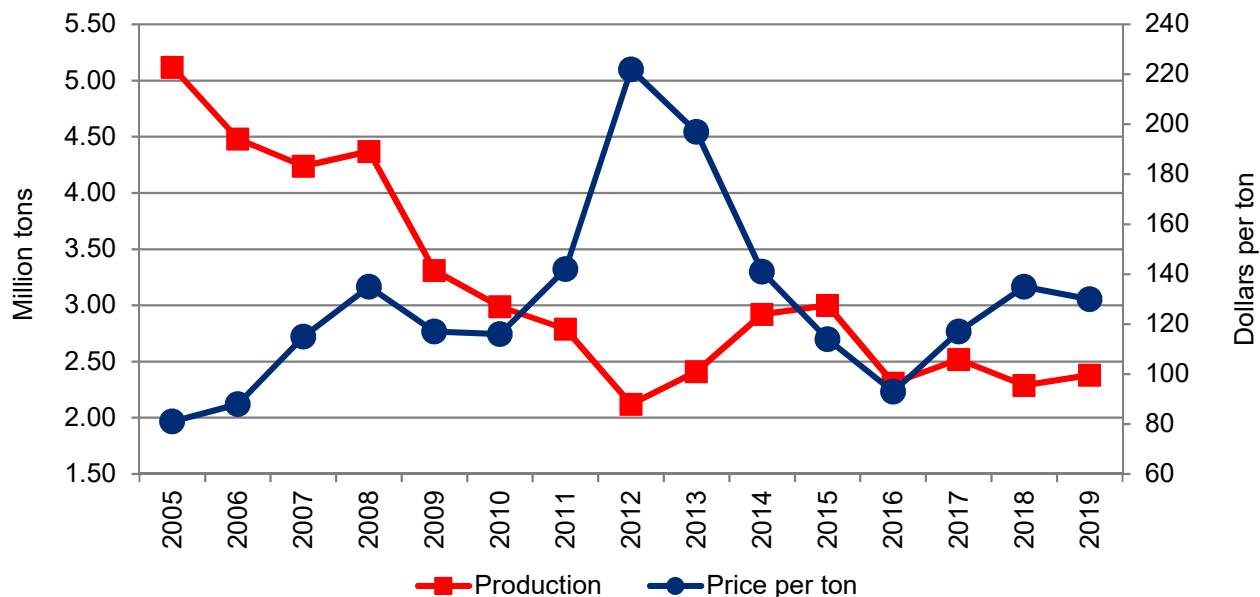
² Market year prices are computed by weighting monthly prices by estimated monthly marketings.

All Hay Prices Received – Iowa by District: Market Year Average 2015-2019

[District prices are published at the end of the marketing year which runs from June 1 through May 31 of the following year.]

Year	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast
(dollars per ton)									
2015-2016	127	146	137	106	125	125	99	80	102
2016-2017	105	122	98	93	109	95	78	75	96
2017-2018	130	142	128	104	126	124	91	82	107
2018-2019	124	142	153	139	122	131	116	122	121
2019-2020	120	128	131	102	104	134	94	92	123

Alfalfa Hay Production and Market Year Average Prices Iowa: 2005-2019



Fertilizer Tonnage Distribution – Iowa: July 2018-June 2019

[Totals may not add due to rounding.]

Fertilizer	July-December 2018	January-June 2019	Total
	(tons)	(tons)	(tons)
MOST POPULAR STRAIGHT MATERIALS			
Anhydrous ammonia.....	127,312	571,488	698,800
Ammonium nitrate.....	143	2,953	3,096
Ammonium sulfate.....	22,818	35,790	58,608
Ammonium thiosulfate.....	5,928	26,388	32,316
Urea.....	62,930	166,029	228,959
Nitrogen solution 28%.....	37,413	81,109	118,522
Nitrogen solution 32%.....	331,003	762,489	1,093,492
Ammonium phosphates			
8-24-0-0 liquid.....	95	2,149	2,244
10-34-0-0 liquid.....	9,490	15,931	25,421
11-52-0-0 dry.....	253,946	181,283	435,229
18-46-0-0 dry.....	80,137	42,788	122,925
Triple superphosphate.....	17,649	3,946	21,595
Muriate of potash.....	517,087	279,223	796,310
Other straight materials.....	179,248	218,853	398,101
Total straight materials.....	1,645,199	2,390,422	4,035,621
MOST POPULAR MIXED GRADES			
2-6-35.....	1,629	1,135	2,764
3-10-30.....	24,685	19,190	43,875
3-18-18.....	612	1,325	1,937
4-10-10.....	569	1,771	2,340
6-24-6.....	3,185	12,886	16,071
7-18-6.....	35	1,169	1,204
7-21-7.....	0	500	500
8-19-3.....	393	1,999	2,392
9-18-9.....	183	3,249	3,432
9-23-30.....	71	254	325
13-13-13.....	292	576	868
Other mixed materials.....	122,540	149,290	271,830
Total mixed grades.....	154,194	193,346	347,540
Grand total.....	1,799,393	2,583,768	4,383,161
Total micronutrients¹.....	251,779	252,466	504,245

¹ Not included in grand total.

Source: Iowa Department of Agriculture and Land Stewardship, Feed and Fertilizer Bureau

State Rankings, Livestock – Iowa and 10 Leading States

	1	2	3	4	5	6	7	8	9	10	Iowa rank	% of U.S.
Livestock on Hand												
All cattle and calves – January 1, 2020	TX	NE	KS	(Tied) CA & OK	MO	(Tied) IA & SD	WI	CO			7	4
Beef cows that have calved – January 1, 2020	TX	OK	MO	NE	SD	KS	MT	KY	ND	AR	12	3
Milk cows that have calved – January 1, 2020	CA	WI	ID	NY	TX	PA	MN	MI	NM	WA	12	2
Cattle & calves on feed – January 1, 2020	TX	NE	KS	IA	CO	CA	SD	MN	OK	ID	4	9
All hogs – December 1, 2019	IA	(Tied) MN & NC		IL	IN	NE	MO	OH	OK	KS	1	32
All sheep and lambs – January 1, 2020	TX	CA	CO	WY	UT	SD	ID	MT	OR	IA	10	3
All layers – December 1, 2019	IA	OH	IN	PA	TX	GA	MI	CA	NC	MO	1	15
Livestock Production by Pounds Produced												
Commercial red meat production – 2019	IA	NE	KS	TX	IL	MN	NC	CO	MO	IN	1	16
Milk production – 2019	CA	WI	ID	NY	TX	MI	PA	MN	NM	WA	12	2
Wool production – 2019	CA	CO	WY	UT	TX	SD	MT	ID	OR	IA	10	3
Livestock Numbers Produced, Raised, or Marketed												
Calf crop – 2019	TX	MO	OK	CA	SD	NE	KS	WI	MT	IA	10	3
Calf marketings – 2019	MO	FL	SD	KY	WI	OK	TN	CA	NY	TX	26	1
Cattle marketings – 2019	NE	TX	KS	IA	CO	OK	CA	SD	MN	MT	4	5
Hog marketings – 2019	IA	MN	NC	IL	MO	IN	OK	NE	SD	KS	1	29
Pig crop – 2019	IA	NC	MN	IL	MO	OK	NE	SD	IN	OH	1	17
Lamb crop – 2019	TX	CA	UT	WY	SD	CO	MT	ID	IA	OR	9	4
Egg production – 2019	IA	OH	IN	PA	TX	GA	MI	CA	NC	MO	1	15
Turkeys raised – 2019	MN	NC	AR	IN	MO	VA	IA	CA	PA	OH	7	5

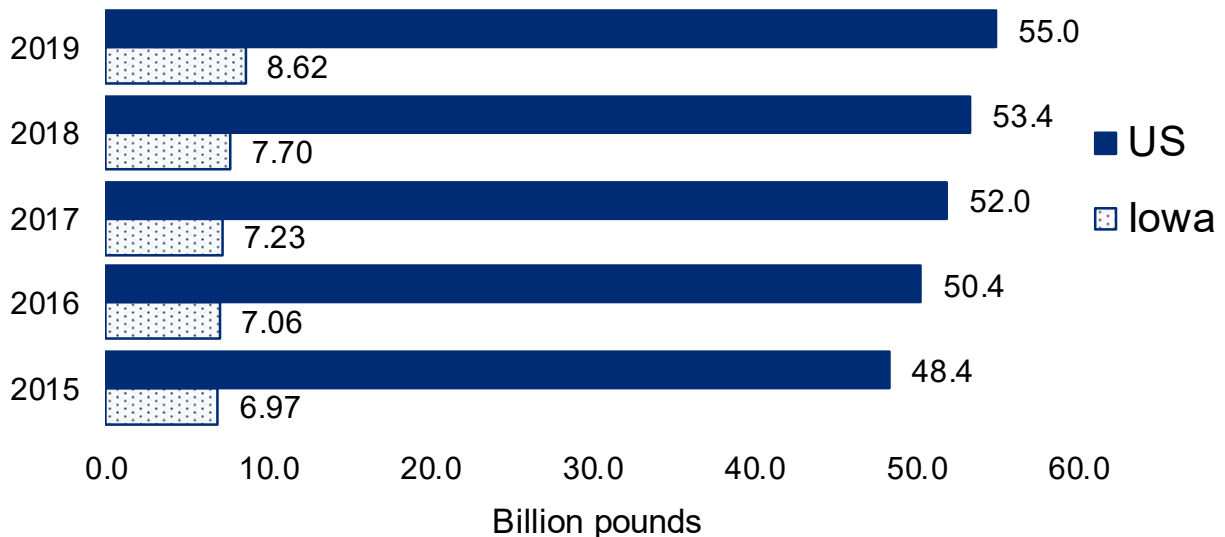
Livestock, Record Highs and Lows – Iowa

Item	Unit	Record high		Record low		Year record started
		Quantity	Year	Quantity	Year	
CATTLE						
Inventory January 1	1,000 head	7,800	1978	969	1867	1867
Calf crop	1,000 head	2,230	1972	1,010	2010	1924
Beef cows January 1	1,000 head	1,928	1976	321	1929	1920
Milk cows January 1	1,000 head	1,610	1934	187	2005	1867
Grain fed cattle marketed	1,000 head	4,584	1970	1,498	1998	1949
Cattle on feed January 1	1,000 head	2,213	1970	880	1992	1965
HOGS						
Inventory December 1	1,000 head	25,100	2019	2,500	1867	1866
Spring sows farrowed (Dec-May)	1,000 head	2,454	1943	840	2004	1924
Fall sows farrowed (June-Nov)	1,000 head	1,620	1981	312	1934	1924
Pig crop spring (Dec-May)	1,000 head	15,117	1943	6,712	1935	1924
Pig crop fall (June-Nov)	1,000 head	12,824	2018	1,708	1937	1924
Marketings	1,000 head	55,059	2018	7,366	1935	1924
SHEEP						
Inventory January 1	1,000 head	1,975	1942	151	2020	1920
Lamb crop	1,000 head	1,127	1942	110	2018	1924
CHICKENS						
Average layers on hand ¹	1,000 head	60,273	2014	5,846	1986	1964
Egg production total for year ²	million eggs	17,084	2019	1,600	1985	1924

¹ Includes both table egg and hatching egg flocks regardless of size.

² Includes both hatching and table egg production.

Commercial Red Meat Production - Iowa and United States: 2015-2019



Cattle and Calves, Number by Class – Iowa by County: January 1, 2019-2020 ¹

County by district	All cattle and calves		Beef cows that have calved		Milk cows that have calved	
	2019	2020	2019	2020	2019	2020
	(head)	(head)	(head)	(head)	(head)	(head)
Northwest						
Buena Vista	25,000	25,000	—	—	—	—
Cherokee	66,000	65,000	—	—	—	—
Clay	29,500	29,000	5,100	4,900	—	—
Dickinson	21,500	21,000	—	—	—	—
Emmet	15,800	15,600	5,700	5,500	—	—
Lyon	190,000	190,000	13,600	13,200	10,300	10,100
O'Brien	67,000	67,000	7,000	6,800	8,600	8,400
Osceola	47,000	46,500	4,000	3,900	5,600	5,500
Palo Alto	24,500	24,000	2,600	2,600	200	200
Plymouth	110,000	110,000	—	—	—	—
Pocahontas	15,800	15,600	1,800	1,700	2,100	2,100
Sioux	420,000	410,000	15,300	14,900	35,500	35,000
North Central						
Butler	24,500	24,000	7,500	7,300	1,600	1,600
Cerro Gordo	9,600	9,500	—	—	—	—
Floyd	25,500	25,500	4,100	4,000	1,600	1,600
Franklin	10,200	10,100	—	—	—	—
Hancock	9,400	9,300	2,600	2,500	200	200
Humboldt	11,300	11,100	—	—	—	—
Kossuth	26,000	25,500	—	—	—	—
Mitchell	56,000	55,000	5,100	5,000	3,800	3,700
Winnebago	7,800	7,700	1,400	1,400	—	—
Worth	7,800	7,700	2,500	2,500	200	200
Wright	6,600	6,600	2,300	2,300	—	—
Northeast						
Allamakee	68,000	67,000	19,100	18,600	13,100	12,800
Black Hawk	16,800	16,500	3,700	3,600	900	900
Bremer	25,000	24,500	4,200	4,100	2,700	2,600
Buchanan	22,500	22,000	4,700	4,600	2,200	2,100
Chickasaw	34,500	34,000	5,900	5,800	2,200	2,200
Clayton	73,000	72,000	18,600	18,100	11,700	11,400
Delaware	120,000	120,000	13,200	12,800	8,800	8,600
Dubuque	130,000	130,000	14,500	14,100	22,000	21,500
Fayette	48,500	48,000	9,500	9,200	6,000	5,900
Howard	33,000	32,500	4,900	4,800	3,200	3,100
Winneshiek	94,000	93,000	12,400	12,100	16,500	16,100
West Central						
Audubon	29,500	29,500	7,000	6,800	—	—
Calhoun	19,400	19,000	5,700	5,500	—	—
Carroll	60,000	59,000	10,600	10,300	—	—
Crawford	54,000	53,000	18,500	18,000	—	—
Greene	19,400	19,100	4,800	4,600	—	—
Guthrie	31,500	31,500	—	—	—	—
Harrison	26,500	25,500	10,100	9,800	—	—
Ida	49,500	49,000	7,900	7,700	1,400	1,300
Monona	26,000	25,500	7,100	6,900	—	—
Sac	41,500	41,000	8,900	8,700	400	400
Shelby	39,500	39,000	—	—	—	—
Woodbury	77,000	76,000	—	—	—	—
Central						
Boone	14,400	14,200	4,000	3,900	—	—
Dallas	22,000	22,000	—	—	—	—
Grundy	28,000	27,500	4,000	3,900	600	600
Hamilton	2,600	2,500	1,500	1,500	200	200
Hardin	37,000	36,500	9,000	8,800	100	100
Jasper	25,500	25,000	9,000	8,700	400	400
Marshall	32,000	31,500	—	—	—	—
Polk	8,600	8,500	2,900	2,800	—	—
Poweshiek	33,000	33,000	—	—	—	—
Story	16,600	16,400	—	—	—	—
Tama	41,000	40,500	15,500	15,100	600	600
Webster	11,300	11,200	—	—	—	—

See footnote(s) at end of table.

—continued

Cattle and Calves, Number by Class – Iowa by County: January 1, 2019-2020 ¹ (continued)

County by district	All cattle and calves		Beef cows that have calved		Milk cows that have calved	
	2019	2020	2019	2020	2019	2020
	(head)	(head)	(head)	(head)	(head)	(head)
East Central						
Benton	36,500	36,000	11,800	11,500	4,400	4,300
Cedar	24,000	23,000	8,300	8,100	200	200
Clinton	70,000	69,000	15,600	15,200	3,600	3,500
Iowa	39,000	38,500	13,700	13,300	200	200
Jackson	98,000	96,000	24,000	23,000	4,500	4,400
Johnson	29,000	28,500	11,200	10,900	1,800	1,800
Jones	67,000	66,000	16,100	15,700	1,500	1,400
Linn	31,000	30,500	12,600	12,300	1,200	1,200
Muscatine	14,800	14,600	5,700	5,500	100	100
Scott	20,500	20,000	4,300	4,200	500	500
Southwest						
Adair	47,500	46,500	—	—	—	—
Adams	28,500	28,500	12,900	12,600	—	—
Cass	41,500	41,000	—	—	—	—
Fremont	13,400	13,300	3,600	3,500	—	—
Mills	3,600	3,600	—	—	—	—
Montgomery	23,500	23,000	—	—	—	—
Page	31,000	30,500	11,900	11,600	—	—
Pottawattamie	73,000	73,000	—	—	—	—
Taylor	34,000	33,500	—	—	—	—
South Central						
Appanoose	29,500	29,000	15,400	15,000	200	200
Clarke	35,500	35,000	16,700	16,200	—	—
Decatur	45,500	45,000	—	—	—	—
Lucas	32,500	32,000	17,800	17,300	—	—
Madison	28,500	28,000	15,600	15,200	—	—
Marion	27,000	27,000	11,300	11,000	400	400
Monroe	32,500	32,000	—	—	—	—
Ringgold	52,000	51,000	26,500	25,500	—	—
Union	40,500	40,000	19,100	18,600	—	—
Warren	19,900	19,600	11,700	11,400	—	—
Wayne	30,500	30,500	14,400	14,100	300	300
Southeast						
Davis	30,000	30,000	14,900	14,500	2,100	2,000
Des Moines	7,500	7,400	—	—	—	—
Henry	17,200	16,900	—	—	—	—
Jefferson	13,200	13,000	4,900	4,800	200	100
Keokuk	29,500	29,500	13,100	12,700	—	—
Lee	19,900	19,600	8,500	8,200	600	600
Louisa	5,600	5,600	—	—	—	—
Mahaska	31,500	31,000	9,200	8,900	200	200
Van Buren	22,000	21,500	11,600	11,300	700	700
Wapello	15,500	15,300	—	—	—	—
Washington	20,500	20,000	9,800	9,500	900	900
Combined counties...	(X)	(X)	240,000	234,100	33,700	32,600
Iowa	3,950,000	3,900,000	930,000	905,000	220,000	215,000

— Data does not meet publication standards but is published in "Combined counties" or represents zero.

(X) Not applicable.

¹ Livestock county estimates are being set using raking. This process utilizes county level livestock information from the Census of Agriculture, administrative data, and current year state-level Agricultural Statistics Board (ASB) inventory and production estimates. Full details on this methodology are available at: www.nass.usda.gov/Data_and_Statistics/County_Data-Files/Livestock_County_Estimates/index.php

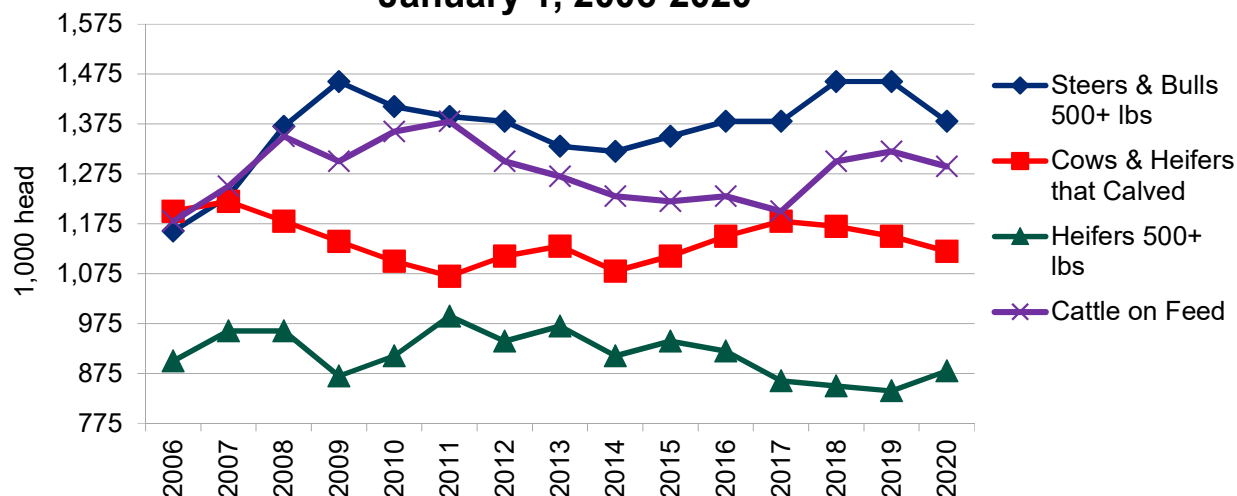
Cattle and Calves Inventory – Iowa and United States: January 1, 2016-2020

Year	All cattle and calves inventory	Cattle on feed	Cows and heifers that have calved		Calf crop previous year	Heifers 500 pounds and over			Steers 500 pounds and over	Bulls 500 pounds and over	All calves less than 500 pounds
			Milk	Beef		Milk replacement	Beef replacement	Other			
(1,000 head)											
Iowa											
2016	3,950	1,230	210	940	1,060	120	190	610	1,320	60	500
2017	3,900	1,200	215	965	1,090	135	185	540	1,310	70	480
2018	4,000	1,300	220	950	1,090	135	165	550	1,390	70	520
2019	3,950	1,320	220	930	1,110	125	155	560	1,390	70	500
2020	3,900	1,290	215	905	1,080	115	145	620	1,320	60	520
United States											
2016	91,888	13,157	9,312	30,164	34,087	4,814	6,335	8,753	16,305	2,137	14,067
2017	93,625	13,108	9,369	31,171	35,063	4,754	6,363	8,995	16,374	2,244	14,356
2018	94,298	14,146	9,432	31,466	35,758	4,768	6,108	9,341	16,528	2,252	14,401
2019	94,805	14,368	9,353	31,691	36,313	4,702	5,885	9,624	16,758	2,253	14,540
2020	94,413	14,668	9,335	31,317	36,060	4,637	5,772	9,706	16,671	2,237	14,739

All Cattle and Calves Value – Iowa and United States: January 1, 2016-2020

Year	Iowa		United States	
	Dollars per head	Total value (billion dollars)	Dollars per head	Total value (billion dollars)
2016	1,390	5.49	1,410	129.6
2017	1,160	4.52	1,109	103.8
2018	1,200	4.80	1,146	108.1
2019	1,130	4.46	1,031	97.8
2020	1,100	4.29	1,024	96.7

Cattle and Calves Inventory – Iowa January 1, 2006-2020



Cattle and Calves Inventory, Supply, and Disposition – Iowa and United States: 2015-2019

Year	Inventory January 1	Calf crop	Inshipments	Marketings		Farm slaughter	Cattle and calf deaths
				Cattle	Calves		
----- (1,000 head) -----							
Iowa							
2015	3,850	1,060	1,460	2,139	105	2	175
2016	3,950	1,090	1,360	2,217	102	2	180
2017	3,900	1,090	1,695	2,397	102	2	185
2018	4,000	1,110	1,590	2,464	101	2	183
2019	3,950	1,080	1,570	2,403	101	3	194
United States							
2015	89,173	34,087	20,508	40,487	7,397	116	3,880
2016	91,888	35,063	20,084	41,756	7,656	123	3,875
2017	93,625	35,758	20,380	43,644	7,777	116	3,928
2018	94,298	36,313	20,937	45,031	7,602	119	3,991
2019	94,805	36,060	20,418	45,040	7,541	123	4,165

Cattle and Calves Production and Income – Iowa and United States: 2015-2019

Year	Production	Marketings	Value of production	Cash receipts	Value of home consumption	Gross income
	(1,000 pounds)	(1,000 pounds)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
Iowa						
2015	1,957,995	2,966,077	2,910,114	4,416,471	21,709	4,438,180
2016	2,125,768	3,136,490	2,537,193	3,774,199	20,638	3,794,837
2017	2,099,393	3,365,475	2,568,095	4,091,809	23,186	4,114,995
2018	2,179,669	3,453,630	2,555,325	4,062,251	14,689	4,076,940
2019	2,075,108	3,344,880	2,536,003	3,931,942	14,583	3,946,525
United States						
2015	41,503,073	52,324,679	60,080,918	78,252,807	588,216	78,841,023
2016	42,694,001	54,101,811	48,572,501	63,691,327	472,478	64,163,805
2017	44,197,461	56,584,395	50,398,374	66,936,726	455,988	67,392,714
2018	45,677,452	58,831,426	49,147,588	67,038,059	431,071	67,469,130
2019	44,820,270	58,437,153	48,223,046	66,239,043	436,788	66,675,831

Cattle and Calves, Market Year Average Price Received – United States: 2015-2019

Market year	Steers and heifers	Cattle 500 pounds and over	Calves	Cows
----- (dollars per cwt) -----				
2015	148.00	147.00	247.00	103.00
2016	121.00	119.00	158.00	74.30
2017	122.00	120.00	168.00	69.10
2018	117.00	115.00	170.00	63.50
2019	118.00	116.00	159.00	62.00

Estimated Returns to Finishing Steer Calves – Iowa ¹

Purchased month Sale month	Production period			
	March 2019 November 2019	April 2019 December 2019	May 2019 January 2020	June 2019 February 2020
560 lb Steer Calf				
Purchase price \$ per cwt	173.58	176.66	171.36	156.57
Purchase cost \$ per head	972.06	989.28	959.64	876.81
Costs of Producing 1,300 lb Finished Steer				
Feed costs				
Corn \$ per head	198.33	196.14	195.45	195.37
Modified distiller grain \$ per head	104.45	106.32	107.52	109.68
Hay \$ per head	95.30	93.57	88.47	83.59
Supplement & mineral \$ per head	33.67	33.66	33.74	33.86
Total \$ per head	431.76	429.69	425.18	422.50
Nonfeed costs				
Variable costs \$ per head	99.04	99.05	99.36	99.04
Operating interest \$ per head	50.89	53.30	51.94	48.36
Fixed costs \$ per head	52.08	52.08	52.08	52.08
Total \$ per head	202.01	204.43	203.38	199.47
Returns to Marketing 1,300 lb Finished Steer				
Total Costs \$ per head	1,605.83	1,623.40	1,588.20	1,498.78
Breakeven price \$ per live cwt	123.53	124.88	122.17	115.29
Selling price \$ per live cwt	115.23	120.28	124.45	118.79
Sales value \$ per head	1,497.99	1,563.64	1,617.85	1,544.27
Less death loss \$ per head	20.78	21.77	22.60	21.51
Profit (loss) \$ per head	-128.62	-81.53	7.05	23.98
Manure credit \$ per head	8.60	8.14	8.39	8.42
Total profit (loss) \$ per head	-120.02	-73.39	15.44	32.40

¹ Costs of producing 1,300 lb finished steer on a per finished steer basis and returns to marketing 1,300 lb finished steer on a per finished steer basis.
Source: Department of Economics, Iowa State University Extension and Outreach

Estimated Returns to Finishing Yearling Steers – Iowa ¹

Purchased month Sale month	Production period			
	June 2019 November 2019	July 2019 December 2019	August 2019 January 2020	September 2019 February 2020
750 lb Feeder Steer				
Purchase price \$ per cwt	140.93	144.20	143.60	145.97
Purchase cost \$ per head	1,056.95	1,081.50	1,076.97	1,094.76
Costs of Producing 1,300 lb Finished Steer				
Feed costs				
Corn \$ per head	161.88	156.84	153.22	153.17
Modified distiller grain \$ per head	73.43	75.66	77.17	78.70
Hay \$ per head	41.93	39.86	36.61	37.81
Supplement & mineral \$ per head	21.31	21.42	21.45	21.38
Total \$ per head	298.55	293.77	288.45	291.06
Nonfeed costs				
Variable costs \$ per head	68.25	68.18	68.41	68.15
Operating interest \$ per head	33.49	33.98	33.79	34.30
Fixed costs \$ per head	33.22	33.22	33.22	33.22
Total \$ per head	134.96	135.37	135.41	135.67
Returns to Marketing 1,300 lb Finished Steer				
Total costs \$ per head	1,490.46	1,510.65	1,500.84	1,521.48
Breakeven price \$ per live cwt	114.65	116.20	115.45	117.04
Selling price \$ per live cwt	115.23	120.28	124.45	118.79
Sales value \$ per head	1,497.99	1,563.64	1,617.85	1,544.27
Less death loss \$ per head	14.18	14.85	15.41	14.66
Profit (loss) \$ per head	-6.65	38.14	101.61	8.13
Manure credit \$ per head	5.47	5.18	5.34	5.36
Total profit (loss) \$ per head	-1.18	43.32	106.94	13.48

¹ Costs of producing 1,300 lb finished steer on a per finished steer basis and returns to marketing 1,300 lb finished steer on a per finished steer basis.
Source: Department of Economics, Iowa State University Extension and Outreach

Commercial Cattle Slaughter, Number of Head by Month – United States: 2010-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
(1,000 head)													
2010	2,705	2,547	2,912	2,846	2,784	3,050	2,899	2,955	2,897	2,862	2,876	2,916	34,249
2011	2,734	2,621	2,959	2,719	2,819	3,102	2,765	3,097	2,876	2,857	2,785	2,753	34,087
2012	2,715	2,558	2,753	2,570	2,876	2,864	2,793	2,998	2,543	2,955	2,785	2,543	32,951
2013	2,836	2,358	2,587	2,731	2,863	2,731	2,895	2,817	2,609	2,904	2,569	2,562	32,462
2014	2,679	2,244	2,449	2,595	2,636	2,606	2,602	2,500	2,531	2,640	2,247	2,439	30,168
2015	2,418	2,170	2,381	2,383	2,379	2,466	2,493	2,323	2,475	2,514	2,296	2,452	28,752
2016	2,359	2,291	2,534	2,409	2,515	2,706	2,475	2,751	2,619	2,638	2,669	2,612	30,578
2017	2,577	2,369	2,768	2,463	2,754	2,859	2,612	2,944	2,699	2,801	2,763	2,580	32,189
2018	2,758	2,418	2,702	2,640	2,907	2,879	2,766	2,978	2,617	2,960	2,801	2,580	33,005
2019	2,831	2,454	2,649	2,829	2,939	2,808	2,940	2,926	2,676	2,978	2,774	2,751	33,555

¹Totals may not add due to rounding.

Commercial Cattle Slaughter, Total Live Weight by Month – United States: 2010-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
(million pounds)													
2010	3,478	3,260	3,692	3,553	3,468	3,834	3,679	3,762	3,722	3,701	3,724	3,789	43,662
2011	3,543	3,359	3,761	3,405	3,521	3,901	3,504	3,921	3,664	3,671	3,590	3,562	43,402
2012	3,522	3,336	3,570	3,286	3,674	3,689	3,611	3,890	3,327	3,886	3,670	3,358	42,818
2013	3,757	3,106	3,388	3,531	3,682	3,544	3,762	3,682	3,419	3,846	3,432	3,409	42,559
2014	3,567	2,979	3,221	3,382	3,417	3,399	3,427	3,315	3,393	3,570	3,055	3,318	40,043
2015	3,276	2,934	3,201	3,182	3,164	3,279	3,349	3,159	3,413	3,487	3,190	3,395	39,030
2016	3,251	3,135	3,464	3,240	3,346	3,604	3,321	3,711	3,582	3,635	3,687	3,600	41,576
2017	3,523	3,216	3,729	3,256	3,591	3,770	3,475	3,951	3,660	3,804	3,787	3,552	43,315
2018	3,788	3,299	3,661	3,513	3,817	3,795	3,672	3,993	3,548	4,024	3,829	3,521	44,460
2019	3,851	3,309	3,538	3,751	3,859	3,681	3,890	3,907	3,610	4,041	3,806	3,770	45,012

¹Totals may not add due to rounding.

Commercial Cattle Slaughter, Average Live Weight by Month – United States: 2010-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
(pounds)													
2010	1,290	1,285	1,273	1,253	1,250	1,261	1,273	1,277	1,289	1,298	1,299	1,305	1,279
2011	1,301	1,286	1,276	1,257	1,253	1,262	1,272	1,270	1,278	1,289	1,293	1,297	1,277
2012	1,300	1,307	1,299	1,281	1,280	1,290	1,295	1,300	1,311	1,318	1,321	1,324	1,302
2013	1,328	1,320	1,313	1,296	1,289	1,300	1,302	1,310	1,313	1,327	1,339	1,334	1,314
2014	1,334	1,330	1,318	1,306	1,299	1,307	1,320	1,329	1,344	1,355	1,363	1,363	1,330
2015	1,358	1,355	1,347	1,338	1,332	1,332	1,346	1,363	1,382	1,390	1,392	1,388	1,360
2016	1,381	1,372	1,370	1,348	1,333	1,334	1,345	1,352	1,370	1,381	1,384	1,381	1,363
2017	1,370	1,361	1,350	1,325	1,307	1,321	1,333	1,345	1,359	1,361	1,374	1,380	1,349
2018	1,377	1,368	1,358	1,334	1,316	1,321	1,330	1,344	1,359	1,363	1,370	1,368	1,350
2019	1,363	1,351	1,339	1,329	1,316	1,313	1,326	1,338	1,352	1,360	1,375	1,373	1,344

Number of Feedlots and Fed Cattle Marketed, by Size of Feedlot Capacity – Iowa and United States: 2017-2019

Feedlot capacity	2017		2018		2019	
	Lots ¹	Cattle marketed	Lots ¹	Cattle marketed	Lots ¹	Cattle marketed
	(number)	(1,000 head)	(number)	(1,000 head)	(number)	(1,000 head)
Iowa²						
Less than 1,000 head	(NA)	745	(NA)	710	(NA)	819
1,000 head or more	(NA)	1,094	(NA)	1,103	(NA)	1,062
All Feedlots	(NA)	1,839	(NA)	1,813	(NA)	1,881
United States						
Less than 1,000 head	26,000	3,230	26,000	3,305	26,000	3,360
1,000 head or more	2,179	21,899	2,160	22,310	2,180	22,526
1,000 – 31,999	2,051	10,039	2,031	10,020	2,049	9,806
32,000 and over	128	11,860	129	12,290	131	12,720
All Feedlots	28,179	25,129	28,160	25,615	28,180	25,886

(NA) Not available.

¹ Number of feedlots with 1,000 head or more capacity is number of lots operating anytime during year. Number under 1,000 head capacity is number at end of year.

² Beginning in 2008, NASS state-level estimates of feedlots will only be published in the Census of Agriculture. U.S. level estimates will continue to be published annually.

Number of Cattle on Feed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2015-2019

Year	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	Jul 1	Aug 1	Sep 1	Oct 1	Nov 1	Dec 1
(1,000 head)												
2015	580	615	635	635	620	610	565	540	515	510	505	555
2016	610	620	640	640	610	580	560	540	510	490	530	550
2017	600	620	640	650	630	590	550	510	490	485	530	560
2018	600	630	640	630	630	600	570	540	520	520	540	580
2019	630	640	645	635	625	595	565	510	480	480	530	580

Number of Cattle Placed on Feed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2015-2019

Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
(1,000 head)												
2015	100	95	62	60	55	44	49	26	69	59	82	118
2016	100	90	74	54	38	35	56	25	36	72	97	88
2017	99	81	64	70	41	35	36	40	41	70	116	101
2018	90	87	53	46	52	27	51	52	55	52	75	100
2019	115	60	48	55	66	45	65	42	51	85	122	120

¹ Previous year.

Number of Cattle Marketed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2015-2019

Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
(1,000 head)												
2015	45	56	40	57	66	49	90	49	92	62	85	66
2016	40	75	52	56	65	60	74	42	64	85	55	56
2017	47	52	42	56	57	69	74	77	60	73	70	69
2018	46	54	41	54	50	55	79	80	73	50	53	58
2019	63	46	39	62	72	70	90	93	77	80	67	66

¹ Previous year.

Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2015-2019

Year	Jan 1	Feb 1	Mar 1	Apr 1	May 1	Jun 1	Jul 1	Aug 1	Sep 1	Oct 1	Nov 1	Dec 1
(1,000 head)												
Iowa												
2015	640	650	660	670	660	650	640	630	620	600	640	630
2016	620	620	630	640	640	630	610	600	580	570	600	600
2017	600	640	650	670	680	680	670	650	640	650	690	700
2018	700	720	730	740	730	720	710	700	680	690	700	700
2019	690	690	710	710	680	660	650	630	630	640	660	690
United States												
2015	10,626	10,713	10,688	10,797	10,640	10,571	10,236	10,002	9,986	10,228	10,809	10,800
2016	10,575	10,709	10,770	10,853	10,783	10,804	10,356	10,165	10,135	10,256	10,665	10,652
2017	10,605	10,782	10,772	10,919	10,998	11,096	10,821	10,604	10,504	10,813	11,332	11,516
2018	11,489	11,630	11,715	11,729	11,558	11,553	11,287	11,093	11,125	11,400	11,692	11,739
2019	11,680	11,676	11,785	11,953	11,807	11,728	11,480	11,112	10,982	11,288	11,816	12,031

Number of Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2015-2019

Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
(1,000 head)												
Iowa												
2015	101	90	85	90	63	65	67	71	70	85	156	101
2016	90	89	92	94	78	64	54	68	71	79	129	102
2017	104	128	102	116	95	85	72	60	92	106	142	122
2018	100	130	118	107	80	80	77	66	82	89	107	106
2019	85	111	133	104	85	68	65	61	71	82	114	110
United States												
2015	1,537	1,789	1,551	1,809	1,548	1,719	1,481	1,547	1,632	1,941	2,286	1,602
2016	1,527	1,779	1,710	1,892	1,664	1,889	1,525	1,572	1,879	1,895	2,171	1,843
2017	1,785	1,981	1,694	2,117	1,848	2,119	1,770	1,615	1,928	2,150	2,393	2,099
2018	1,799	2,068	1,817	1,921	1,695	2,124	1,798	1,742	2,070	2,051	2,248	1,996
2019	1,757	1,967	1,858	2,014	1,842	2,063	1,761	1,705	1,884	2,103	2,462	2,093

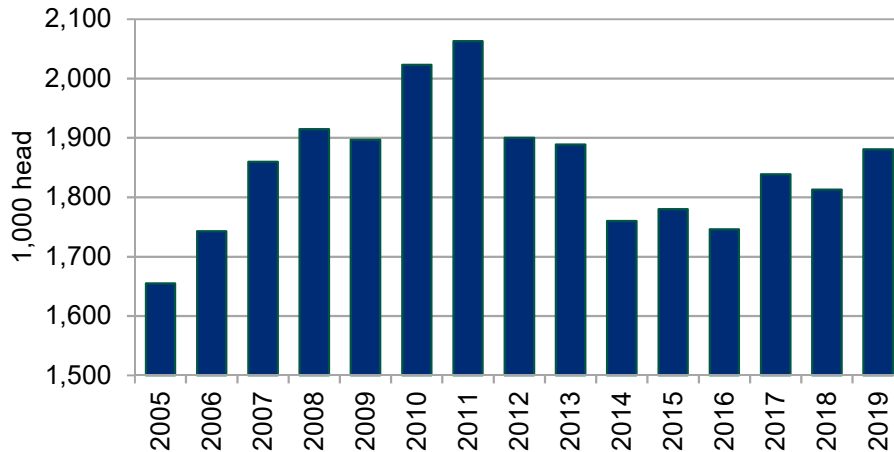
¹ Previous year.

Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2015-2019

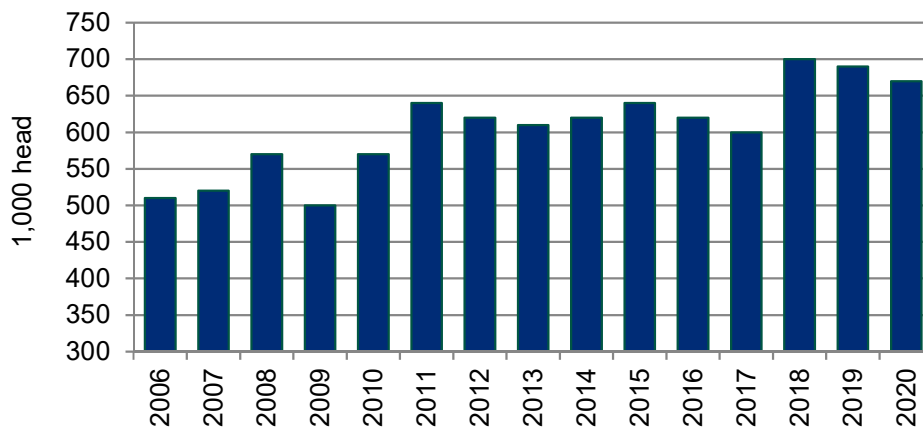
Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
(1,000 head)												
Iowa												
2015	80	78	74	79	72	74	76	80	77	101	113	107
2016	97	86	78	81	75	72	72	76	90	87	96	100
2017	102	86	89	93	82	82	80	79	101	95	99	110
2018	98	107	106	93	87	87	85	74	100	75	93	104
2019	92	109	109	100	113	85	72	77	69	70	92	76
United States												
2015	1,655	1,625	1,516	1,631	1,639	1,711	1,747	1,725	1,588	1,642	1,630	1,532
2016	1,674	1,589	1,591	1,747	1,658	1,794	1,912	1,713	1,868	1,732	1,705	1,787
2017	1,777	1,751	1,648	1,914	1,703	1,951	1,989	1,784	1,979	1,783	1,801	1,844
2018	1,752	1,858	1,675	1,840	1,803	2,056	2,006	1,873	1,983	1,719	1,887	1,869
2019	1,741	1,910	1,683	1,777	1,928	2,070	1,943	2,002	1,953	1,738	1,875	1,813

¹ Previous year.

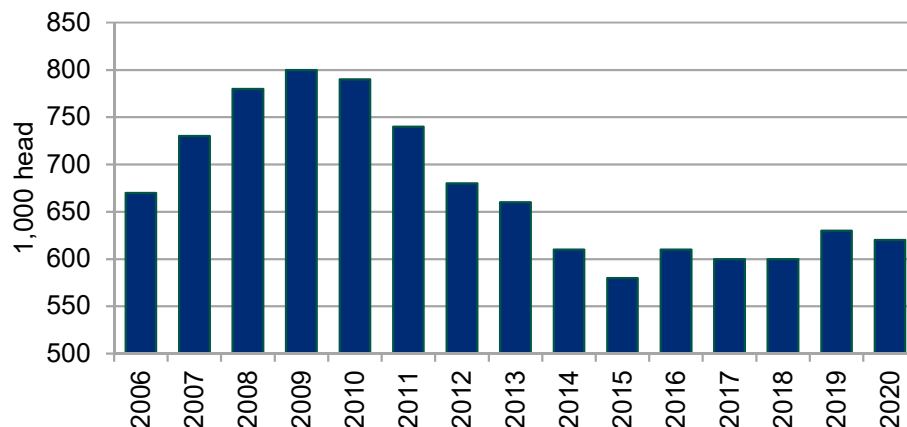
Cattle Marketed from All Feedlots
Iowa: 2005-2019



Cattle on Feed Inventory, 1,000+ Capacity Feedlots
Iowa: January 1, 2006-2020



Cattle on Feed Inventory, < 1,000 Capacity Feedlots
Iowa: January 1, 2006-2020



Milk Cows on Farms – Iowa and United States: 2015-2019

[Includes dry cows, excludes heifers not yet fresh.]

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
(1,000 head)												
Iowa												
2015	211	211	211	212	212	212	211	211	210	210	210	210
2016	210	211	212	212	213	213	214	214	214	215	215	215
2017	215	216	216	217	217	217	217	219	219	219	219	220
2018	220	220	220	220	220	220	220	220	220	220	220	220
2019	220	220	219	219	219	219	217	217	217	217	216	215
United States												
2015	9,316	9,316	9,317	9,326	9,333	9,329	9,318	9,318	9,318	9,317	9,317	9,315
2016	9,305	9,313	9,322	9,323	9,325	9,330	9,330	9,337	9,341	9,350	9,361	9,370
2017	9,375	9,378	9,391	9,400	9,411	9,413	9,413	9,419	9,416	9,414	9,419	9,425
2018	9,436	9,435	9,429	9,416	9,420	9,412	9,392	9,389	9,368	9,365	9,357	9,352
2019	9,354	9,352	9,333	9,332	9,333	9,327	9,315	9,318	9,333	9,347	9,345	9,343

Milk Produced per Cow – Iowa and United States: 2015-2019

[Excludes milk sucked by calves.]

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
(pounds)												
Iowa												
2015	1,995	1,775	1,965	1,940	2,015	1,910	1,915	1,915	1,810	1,900	1,850	1,945
2016	1,985	1,870	2,045	1,990	2,075	1,965	1,985	1,970	1,880	1,955	1,905	1,980
2017	2,010	1,830	2,045	1,995	2,055	1,975	2,005	2,010	1,915	1,995	1,950	2,020
2018	2,035	1,860	2,070	2,010	2,060	1,975	1,995	1,995	1,920	2,025	1,965	2,045
2019	2,085	1,890	2,075	2,020	2,100	2,020	1,990	2,030	1,970	2,040	1,980	2,080
United States												
2015	1,898	1,736	1,940	1,908	1,975	1,877	1,895	1,866	1,781	1,836	1,789	1,870
2016	1,899	1,815	1,974	1,926	1,996	1,905	1,919	1,895	1,818	1,877	1,831	1,906
2017	1,935	1,781	1,997	1,953	2,014	1,920	1,941	1,915	1,819	1,887	1,833	1,918
2018	1,953	1,799	2,014	1,957	2,030	1,942	1,952	1,943	1,857	1,908	1,852	1,943
2019	1,990	1,814	2,019	1,975	2,042	1,954	1,973	1,960	1,885	1,940	1,873	1,966

Milk Production – Iowa and United States: 2015-2019

[Excludes milk sucked by calves.]

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
(million pounds)												
Iowa												
2015	421	375	415	411	427	405	404	404	380	399	389	408
2016	417	395	434	422	442	419	425	422	402	420	410	426
2017	432	395	442	433	446	429	435	440	419	437	427	444
2018	448	409	455	442	453	435	439	439	422	446	432	450
2019	459	416	454	442	460	442	432	441	427	443	428	447
United States												
2015	17,682	16,169	18,077	17,795	18,434	17,510	17,659	17,391	16,595	17,106	16,667	17,423
2016	17,671	16,900	18,404	17,956	18,614	17,774	17,903	17,693	16,985	17,554	17,139	17,858
2017	18,140	16,698	18,758	18,357	18,958	18,073	18,270	18,037	17,131	17,765	17,265	18,075
2018	18,431	16,976	18,988	18,425	19,122	18,280	18,331	18,247	17,396	17,872	17,330	18,170
2019	18,612	16,966	18,845	18,433	19,058	18,225	18,375	18,267	17,595	18,135	17,506	18,365

Milk Production and Disposition – Iowa and United States: 2015-2019

Milk Production and Disposition: Iowa and United States: 2015 to 2019					
Year	Total production of milk ¹	Milk used where produced			Milk marketed by producers ²
		Fed to calves ¹	Milk, cream and butter	Total	
----- (million pounds) -----					
Iowa					
2015	4,838	14.0	1.00	15.0	4,823
2016	5,034	14.0	1.00	15.0	5,019
2017	5,179	15.0	1.00	16.0	5,163
2018	5,270	16.0	1.00	17.0	5,253
2019	5,291	15.0	1.00	16.0	5,275
United States					
2015	208,508	880	91.0	971	207,536
2016	212,451	900	94.0	994	211,457
2017	215,527	901	91.0	992	214,535
2018	217,568	928	89.0	1,017	216,551
2019	218,382	932	88.0	1,020	217,362

¹ Excludes milk sucked by calves.

² 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.

Cash Receipts and Gross Producer Income – Iowa and United States: 2015-2019

Year	Combined marketings of milk and cream		Value of milk consumed where produced ²	Gross producer income ³
	Returns per 100 lbs ¹	Cash receipts		
Iowa	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
2015	17.30	834,379	173	834,552
2016	16.60	833,154	166	833,320
2017	18.10	934,503	181	934,684
2018	16.50	866,745	165	866,910
2019	19.40	1,023,350	194	1,023,544
United States				
2015	17.21	35,716,849	16,291	35,733,140
2016	16.34	34,546,316	15,784	34,562,100
2017	17.69	37,940,662	16,594	37,957,256
2018	16.27	35,242,255	14,812	35,257,067
2019	18.63	40,498,398	16,674	40,515,072

¹ Cash receipts divided by milk in combined marketings.

² Value at average returns per 100 pounds of milk in combined marketings of milk and cream.

³ Cash receipts from marketings of milk and cream plus value of milk used for home consumption.

Dairy Products, Total Cheese (Excluding Cottage Cheese) Manufactured by Month – Iowa and United States: 2015-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
(1,000 pounds)													
Iowa													
2015	22,934	18,905	18,700	22,042	21,084	18,638	22,619	19,767	17,000	22,572	20,170	20,056	244,487
2016	22,872	19,587	19,782	23,055	21,492	19,233	22,836	20,680	19,054	23,942	21,574	20,105	254,212
2017	23,688	20,307	20,001	23,168	21,629	19,557	23,532	21,354	18,778	22,498	21,045	21,180	256,737
2018	22,446	21,235	24,076	24,042	26,334	25,228	25,371	25,373	23,974	27,694	24,584	26,039	296,396
2019	29,106	26,923	28,733	26,244	27,946	26,361	26,419	27,580	27,091	29,564	28,671	29,294	333,932
(million pounds)													
United States													
2015	994	897	1,013	977	988	976	1,002	979	966	1,018	986	1,035	11,831
2016	1,026	948	1,029	1,003	1,011	998	1,021	1,007	991	1,052	1,029	1,067	12,182
2017	1,061	958	1,070	1,057	1,075	1,044	1,052	1,045	1,027	1,082	1,066	1,103	12,640
2018	1,103	997	1,112	1,079	1,085	1,066	1,087	1,087	1,059	1,154	1,096	1,112	13,037
2019	1,117	1,004	1,122	1,085	1,106	1,068	1,088	1,114	1,081	1,138	1,093	1,123	13,137

¹ May not add due to rounding.

Dairy Products, Total American-Type Cheese Manufactured by Month – Iowa and United States: 2015-2019

[Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.]

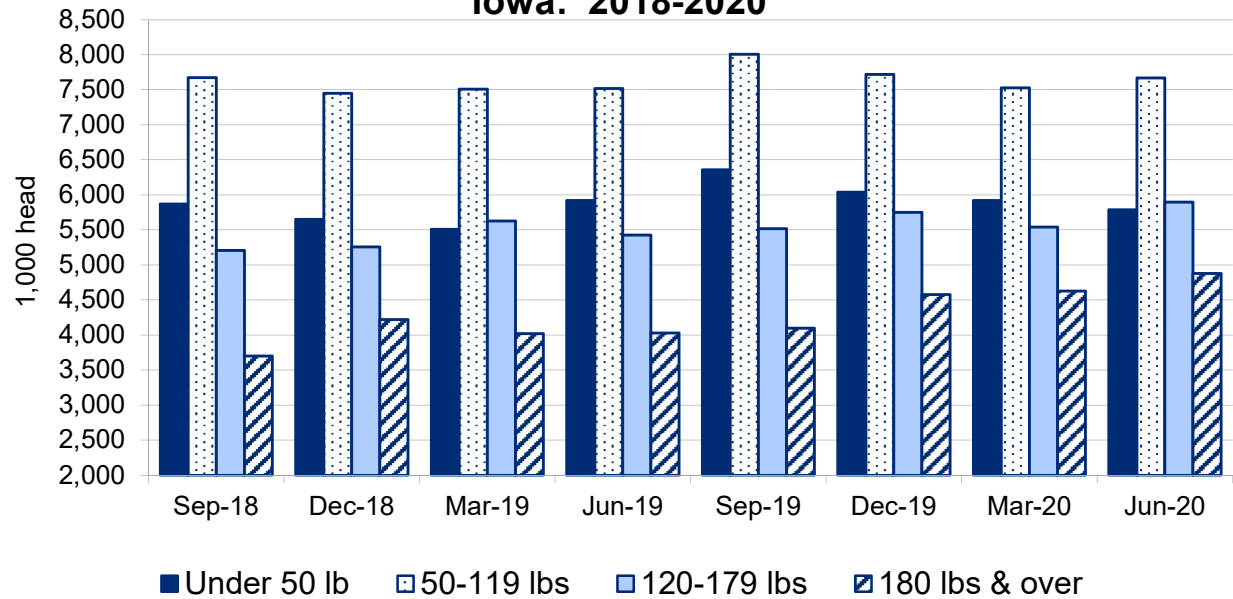
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
(1,000 pounds)													
Iowa													
2015	13,128	10,586	11,189	11,465	11,583	10,666	11,753	11,620	11,314	14,570	12,134	11,951	141,959
2016	12,929	12,129	11,876	13,835	13,889	12,448	14,124	13,758	13,258	15,667	14,591	14,327	162,831
2017	16,428	13,075	13,370	13,710	13,207	12,878	11,965	12,963	11,920	12,171	11,390	12,034	155,111
2018	13,331	11,740	12,784	14,555	17,006	16,267	15,880	14,626	14,697	17,391	17,459	16,358	182,094
2019	16,782	15,225	16,105	15,880	17,098	16,717	17,271	17,510	16,394	17,475	17,997	18,777	203,231
(million pounds)													
United States													
2015	402	357	396	397	408	390	397	395	380	393	380	400	4,694
2016	402	368	402	399	403	392	402	393	379	403	401	423	4,769
2017	435	390	430	435	443	419	415	414	404	430	414	444	5,072
2018	448	406	443	444	443	429	441	435	424	457	434	448	5,254
2019	452	399	443	431	444	428	434	452	416	446	432	456	5,232

¹ May not add due to rounding.

Hogs and Pigs, Number on Farms – Iowa: December 1, 2010-2019

Year	Breeding	Market	Total
	----- (1,000 head) -----		
2010	1,020	18,080	19,100
2011	1,010	18,990	20,000
2012	1,030	19,570	20,600
2013	970	19,230	20,200
2014	1,010	20,290	21,300
2015	1,030	20,070	21,100
2016	1,030	21,170	22,200
2017	1,000	21,800	22,800
2018	1,020	22,580	23,600
2019	1,010	24,090	25,100

Market Hogs and Pigs by Weight Groups Iowa: 2018-2020



Hogs and Pigs, Number on Farms, Market by Weight Groups, Breeding and Total by Quarter – Iowa: 2011-2020

Month and year	Market hogs and pigs				Total		
	Under 50 pounds	50-119 pounds	120-179 pounds	180 pounds and over	Market	Breeding	Total
(1,000 head)							
March 1							
2011	4,600	5,580	4,520	3,170	17,870	1,030	18,900
2012	4,880	5,810	4,700	3,300	18,690	1,010	19,700
2013	4,990	5,800	4,900	3,390	19,080	1,020	20,100
2014	4,570	5,780	4,850	3,290	18,490	1,010	19,500
2015	5,030	6,410	4,940	3,390	19,770	1,030	20,800
2016	4,720	6,100	4,850	3,550	19,220	980	20,200
2017	5,300	6,540	5,370	3,590	20,800	1,000	21,800
2018	5,415	6,595	5,510	3,960	21,480	1,020	22,500
2019	5,510	7,510	5,630	4,020	22,670	1,030	23,700
2020	5,920	7,530	5,540	4,630	23,620	980	24,600
June 1							
2011	4,920	6,100	4,500	3,150	18,670	1,030	19,700
2012	5,140	6,370	4,630	3,240	19,380	1,020	20,400
2013	4,890	6,090	4,700	3,290	18,970	1,030	20,000
2014	4,890	5,640	4,470	3,100	18,100	1,000	19,100
2015	5,070	6,410	4,820	3,700	20,000	1,000	21,000
2016	5,280	6,400	4,760	3,390	19,830	970	20,800
2017	5,450	6,950	4,950	3,620	20,970	1,030	22,000
2018	5,510	7,030	5,200	3,720	21,460	1,040	22,500
2019	5,920	7,520	5,430	4,030	22,900	1,000	23,900
2020	5,790	7,670	5,900	4,880	24,240	960	25,200
September 1							
2011	4,970	6,200	4,610	3,300	19,080	1,020	20,100
2012	5,100	6,330	4,800	3,570	19,800	1,000	20,800
2013	5,300	6,490	4,830	3,280	19,900	1,000	20,900
2014	5,550	6,490	4,410	3,320	19,770	1,030	20,800
2015	5,440	6,750	4,930	3,480	20,600	1,000	21,600
2016	5,690	6,930	5,080	3,620	21,320	980	22,300
2017	5,670	7,250	5,100	3,700	21,720	980	22,700
2018	5,875	7,675	5,210	3,700	22,460	1,040	23,500
2019	6,360	8,010	5,520	4,100	23,990	1,010	25,000
December 1							
2011	5,100	5,750	4,540	3,600	18,990	1,010	20,000
2012	5,120	6,030	4,750	3,670	19,570	1,030	20,600
2013	4,840	5,940	4,850	3,600	19,230	970	20,200
2014	5,310	6,500	4,740	3,740	20,290	1,010	21,300
2015	5,270	6,280	4,780	3,740	20,070	1,030	21,100
2016	5,620	6,550	5,010	3,990	21,170	1,030	22,200
2017	5,800	6,870	5,080	4,050	21,800	1,000	22,800
2018	5,650	7,450	5,260	4,220	22,580	1,020	23,600
2019	6,040	7,720	5,750	4,580	24,090	1,010	25,100

Sows Farrowed, Pigs per Litter, and Pig Crop – Iowa and United States: December through May 2010-2019

Year	Sows farrowed		Pigs per litter		Pig crop ¹	
	Dec ² -Feb	Mar-May	Dec ² -Feb	Mar-May	Dec ² -Feb	Mar-May
	(1,000 head)		(head)		(1,000 head)	
Iowa						
2010	460	465	9.75	9.95	4,485	4,627
2011	470	485	9.80	10.30	4,606	4,996
2012	465	495	10.30	10.40	4,790	5,148
2013	465	465	10.35	10.50	4,813	4,883
2014	480	470	9.90	10.60	4,752	4,982
2015	510	495	10.70	10.60	5,457	5,247
2016	500	500	10.70	10.90	5,350	5,450
2017	510	510	10.75	10.95	5,483	5,585
2018	530	550	11.00	11.10	5,830	6,105
2019	530	530	11.20	11.45	5,936	6,069
United States						
2010	2,846	2,898	9.61	9.81	27,345	28,425
2011	2,807	2,887	9.80	10.03	27,516	28,954
2012	2,813	2,945	9.97	10.09	28,037	29,712
2013	2,788	2,806	10.08	10.31	28,099	28,921
2014	2,763	2,810	9.53	9.78	26,326	27,495
2015	2,895	2,854	10.23	10.37	29,627	29,593
2016	2,929	2,968	10.30	10.48	30,159	31,097
2017	2,990	3,018	10.43	10.55	31,187	31,839
2018	2,977	3,064	10.58	10.63	31,497	32,556
2019	3,099	3,133	10.70	11.00	33,163	34,454

¹ May not add due to rounding.

² Previous year.

Sows Farrowed, Pigs per Litter, and Pig Crop – Iowa and United States: June through November 2010-2019

Year	Sows farrowed		Pigs per litter		Pig crop ¹	
	Jun-Aug	Sep-Nov	Jun-Aug	Sep-Nov	Jun-Aug	Sep-Nov
	(1,000 head)		(head)		(1,000 head)	
Iowa						
2010	475	480	9.95	10.05	4,726	4,824
2011	490	490	10.30	10.40	5,047	5,096
2012	495	505	10.45	10.30	5,173	5,202
2013	485	455	10.60	10.60	5,141	4,823
2014	530	510	10.70	10.70	5,671	5,457
2015	510	530	10.80	11.00	5,508	5,830
2016	510	550	11.00	10.90	5,610	5,995
2017	520	550	11.20	11.15	5,824	6,133
2018	575	570	11.20	11.20	6,440	6,384
2019	550	540	11.35	11.35	6,243	6,129
United States						
2010	2,944	2,881	9.81	9.89	28,870	28,488
2011	2,927	2,919	10.03	10.02	29,355	29,261
2012	2,921	2,888	10.13	10.15	29,587	29,319
2013	2,890	2,780	10.33	10.16	29,862	28,253
2014	2,991	2,984	10.16	10.23	30,402	30,531
2015	3,017	2,932	10.39	10.53	31,343	30,878
2016	3,057	3,041	10.58	10.63	32,331	32,320
2017	3,106	3,103	10.65	10.74	33,075	33,328
2018	3,172	3,205	10.72	10.76	34,019	34,496
2019	3,275	3,265	11.11	11.09	36,369	36,205

¹ May not add due to rounding.

Hogs and Pigs, Inventory, Supply and Disposition – Iowa and United States: 2015-2019

Year	Inventory previous December 1	Pig crop December- November	Inshipments	Marketings	Farm slaughter	Deaths
(1,000 head)						
Iowa						
2015	21,100	22,042	28,000	46,976	6	3,260
2016	22,200	22,405	30,500	48,481	4	3,320
2017	22,800	23,025	30,400	49,061	4	3,760
2018	23,600	24,759	34,975	55,059	5	3,870
2019	25,100	24,377	35,800	54,732	5	4,040
United States						
2015	69,019	121,441	50,146	159,725	87	10,382
2016	71,345	125,907	52,955	165,539	84	10,913
2017	73,145	129,428	55,266	171,320	73	11,502
2018	75,070	132,568	61,619	180,251	76	11,935
2019	79,048	140,192	63,297	187,648	76	11,980

Hogs and Pigs, Production and Income – Iowa and United States: 2015-2019

Year	Production	Marketings	Value of production	Cash receipts	Value of home consumption	Gross income
(1,000 pounds) (1,000 pounds) (1,000 dollars) (1,000 dollars) (1,000 dollars) (1,000 dollars)						
Iowa						
2015	12,286,764	12,849,050	6,205,083	7,134,043	2,768	7,136,811
2016	12,731,956	13,213,810	5,685,661	6,542,359	1,917	6,544,276
2017	12,790,919	13,343,148	6,158,024	7,100,925	2,058	7,102,983
2018	14,508,742	15,077,217	6,605,574	7,622,223	2,099	7,624,322
2019	14,455,917	14,965,374	6,651,649	7,770,797	2,164	7,772,961
United States						
2015	34,739,292	35,749,465	18,814,459	20,552,958	31,982	20,584,940
2016	35,898,712	36,908,264	17,363,044	19,037,752	28,797	19,066,549
2017	36,962,875	38,057,111	19,159,248	21,038,034	29,273	21,067,307
2018	38,498,011	39,768,825	18,769,964	20,881,335	27,267	20,908,602
2019	40,509,010	41,569,619	19,826,838	22,015,189	28,146	22,043,335

Hogs and Pigs, Market Year Average Price Received – United States: 2015-2019

Market year	All hogs	Barrows and gilts	Sows
(dollars per cwt)			
2015	55.30	55.70	44.90
2016	49.30	49.60	40.70
2017	53.10	53.50	44.50
2018	50.20	50.50	41.30
2019	51.40	51.70	41.10

Estimated Returns to Farrow to Wean Pigs – Iowa ¹

Farrowing month Sale month	Production period			
	January 2020 February 2020	February 2020 March 2020	March 2020 April 2020	April 2020 May 2020
Costs of Producing 12 lb Weaned Pig				
Feed costs				
Corn	\$ per head 3.98	3.74	3.57	3.44
Soybean meal.....	\$ per head 1.44	1.48	1.45	1.45
Dried distiller grain.....	\$ per head 1.10	1.08	1.15	1.16
Complete feeds and other ingredients	\$ per head 1.47	1.42	1.43	1.43
Feed processing	\$ per head 0.55	0.55	0.55	0.55
Total	\$ per head 8.53	8.26	8.15	8.03
Nonfeed costs				
Variable costs	\$ per head 18.48	18.06	17.98	18.44
Operating interest	\$ per head 0.31	0.30	0.30	0.28
Fixed costs	\$ per head 6.39	6.17	6.17	6.17
Total	\$ per head 25.17	24.53	24.45	24.89
Returns to Marketing 10-12 lb Weaned Pig				
Total costs	\$ per head 33.70	32.79	32.59	32.92
Selling price	\$ per head 43.75	30.07	17.88	16.64
Profit (loss)	\$ per head 10.05	-2.72	-14.72	-16.28
Manure credit.....	\$ per head 0.54	0.52	0.52	0.52
Total profit (loss)	\$ per head 10.59	-2.20	-14.20	-15.76

¹ Costs of producing 12 lb weaned pig on a per weaned pig basis and returns to marketing 12 lb weaned pig on a per weaned pig basis.
Source: Department of Economics, Iowa State University Extension and Outreach

Estimated Returns to Wean to Finish Pigs – Iowa ¹

Purchase month Sale month	Production period			
	August 2019 February 2020	September 2019 March 2020	October 2019 April 2020	November 2019 May 2020
12 lb Weaned Pig				
Purchase price.....	\$ per head 32.21	34.84	36.00	37.77
Costs of Producing 270 lb Finished Hog				
Feed costs				
Corn	\$ per head 30.39	29.91	28.26	26.50
Soybean meal.....	\$ per head 11.99	12.04	12.21	12.22
Dried distiller grain.....	\$ per head 8.61	8.75	9.20	10.07
Complete feeds and other ingredients	\$ per head 13.32	13.33	13.30	13.34
Feed processing	\$ per head 4.04	4.04	4.04	4.04
Total	\$ per head 68.35	68.07	67.01	66.17
Nonfeed costs				
Variable costs	\$ per head 17.31	17.22	17.10	17.05
Operating interest	\$ per head 2.12	2.19	2.22	2.26
Fixed costs	\$ per head 11.79	11.79	11.79	11.79
Total	\$ per head 31.22	31.20	31.11	31.10
Returns to Marketing 270 lb Finished Hog				
Total costs	\$ per head 131.79	134.11	134.12	135.03
Breakeven price.....	\$ per live cwt 48.81	49.67	49.67	50.01
Breakeven price.....	\$ per carcass cwt 65.08	66.23	66.23	66.68
Selling price	\$ per live cwt 43.89	46.87	38.50	50.98
Selling price	\$ per carcass cwt 58.52	62.49	51.34	67.97
Sales value	\$ per head 118.50	126.54	103.96	137.64
Less death loss.....	\$ per head 4.95	5.45	4.13	6.18
Profit (loss)	\$ per head -18.24	-13.02	-34.29	-3.57
Manure credit.....	\$ per head 2.05	2.06	2.05	2.03
Total profit (loss)	\$ per head -16.19	-10.96	-32.24	-1.54

¹ Costs of producing 270 lb finished pig on a per finished pig basis and returns to marketing 270 lb finished pig on a per finished pig basis.
Source: Department of Economics, Iowa State University Extension and Outreach

Commercial Hog Slaughter, Number of Head by Month – Iowa and United States: 2015-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
----- (1,000 head) -----													
Iowa													
2015	2,637	2,469	2,646	2,604	2,352	2,542	2,527	2,497	2,637	2,769	2,649	2,774	31,102
2016	2,663	2,579	2,744	2,588	2,445	2,593	2,327	2,850	2,781	2,961	2,882	2,829	32,240
2017	2,694	2,540	2,920	2,568	2,677	2,658	2,423	2,863	2,818	2,966	2,912	2,878	32,917
2018	2,936	2,651	2,969	2,832	2,912	2,636	2,642	3,161	2,772	3,310	3,210	3,003	35,034
2019	3,169	2,947	3,268	3,215	3,101	3,016	3,191	3,353	3,236	3,704	3,453	3,463	39,116
United States													
2015	9,759	9,077	9,888	9,677	8,746	9,427	9,402	9,347	9,728	10,248	9,766	10,361	115,425
2016	9,744	9,430	10,088	9,367	9,180	9,568	8,762	10,391	10,171	10,446	10,605	10,467	118,220
2017	10,126	9,371	10,681	9,343	9,952	9,870	9,018	10,662	10,287	10,998	10,548	10,461	121,317
2018	10,714	9,637	10,723	9,993	10,218	9,607	9,594	11,155	9,649	11,645	11,040	10,458	124,432
2019	11,043	10,104	10,723	10,582	10,356	9,990	10,579	10,866	10,644	12,303	11,331	11,394	129,913

¹ Totals may not add due to rounding.

Commercial Hog Slaughter, Total Live Weight by Month – Iowa and United States: 2015-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
----- (million pounds) -----													
Iowa													
2015	759	706	754	740	665	715	704	691	735	783	756	793	8,802
2016	762	734	781	738	694	729	648	788	782	834	813	797	9,101
2017	762	716	827	733	757	741	671	794	796	840	832	825	9,294
2018	839	757	850	812	831	737	733	876	774	935	912	853	9,909
2019	907	843	934	920	888	861	892	932	911	1,054	993	994	11,128
United States													
2015	2,800	2,587	2,812	2,751	2,480	2,657	2,628	2,598	2,722	2,903	2,786	2,951	32,675
2016	2,780	2,671	2,862	2,666	2,598	2,682	2,433	2,867	2,842	2,943	3,001	2,956	33,302
2017	2,880	2,658	3,032	2,658	2,806	2,750	2,494	2,958	2,897	3,106	3,011	2,991	34,241
2018	3,062	2,752	3,071	2,863	2,908	2,687	2,657	3,101	2,699	3,292	3,150	2,990	35,232
2019	3,176	2,901	3,075	3,036	2,968	2,845	2,956	3,026	3,000	3,499	3,262	3,280	37,024

¹ Totals may not add due to rounding.

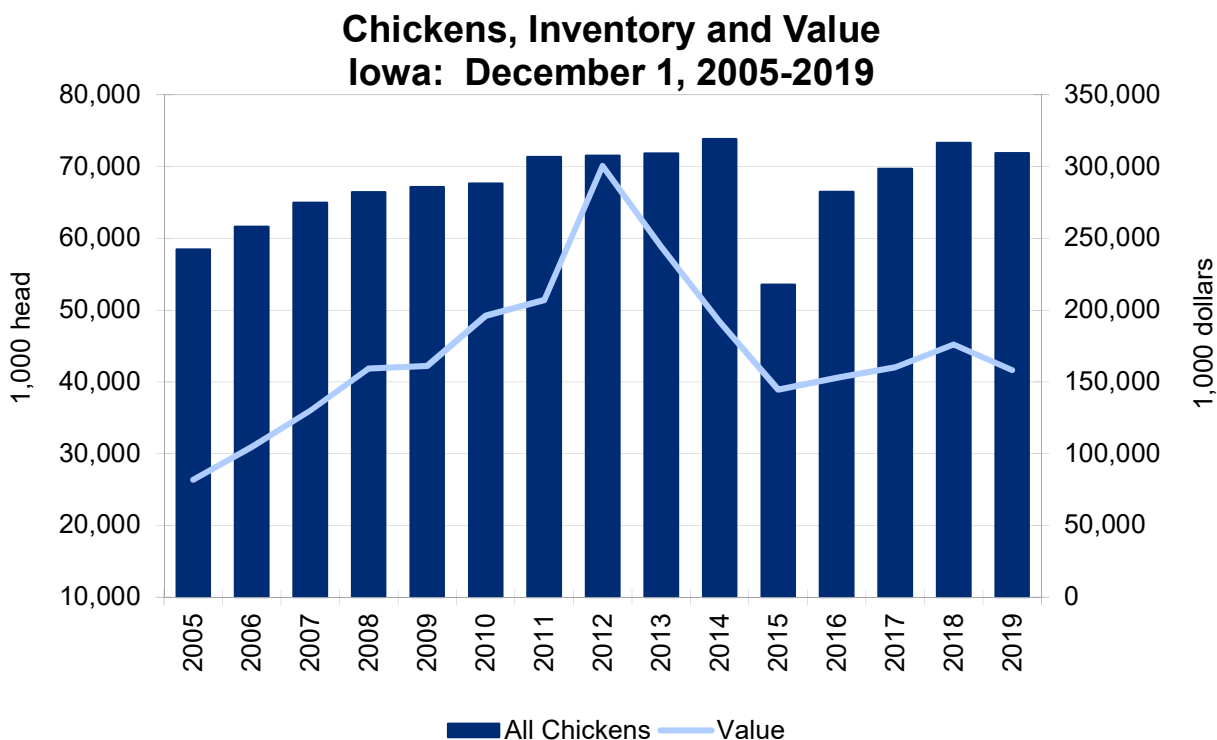
Commercial Hog Slaughter, Average Live Weight by Month – Iowa and United States: 2015-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
----- (pounds) -----													
Iowa													
2015	288	286	285	284	283	282	279	277	279	283	285	286	283
2016	286	285	285	285	284	281	278	277	281	282	282	282	282
2017	283	282	283	285	283	279	277	277	283	283	286	287	282
2018	286	286	287	287	285	280	277	277	279	282	284	284	283
2019	286	286	286	286	286	285	280	278	282	285	288	287	285
United States													
2015	287	285	285	284	284	282	280	278	280	283	285	285	283
2016	285	283	284	285	283	280	278	276	280	282	283	283	282
2017	284	284	284	285	282	279	277	278	282	283	286	286	282
2018	286	286	286	287	285	280	277	278	280	283	285	286	283
2019	288	287	287	287	287	285	280	279	282	285	288	288	285

Chickens, Inventory, Rate of Lay, and Egg Production – Iowa and United States: 2010-2019

Year	Chickens on farms, December 1			Average number of layers during year	Eggs per layer	Total egg production
	All chickens ¹	Value	Total layers			
	(1,000 head)	(1,000 dollars)	(1,000 head)	(1,000 head)	(eggs)	(million eggs)
Iowa						
2010	67,646	196,173	53,322	54,834	269	14,773
2011	71,358	206,938	55,901	54,400	273	14,839
2012	71,541	300,472	57,883	55,702	280	15,572
2013	71,838	244,249	58,867	58,007	279	16,155
2014	73,823	191,940	60,273	59,381	278	16,513
2015	53,542	144,563	38,838	46,452	274	12,730
2016	66,482	152,909	55,524	49,536	276	13,687
2017	69,687	160,280	56,337	55,867	289	16,155
2018	73,325	175,980	59,181	57,067	282	16,119
2019	71,883	158,143	58,698	58,195	294	17,084
United States						
2010	457,197	1,637,016	342,782	341,505	269	91,811
2011	454,364	1,721,671	343,283	340,598	271	92,450
2012	466,944	1,885,904	354,977	344,844	274	94,364
2013	483,128	2,007,374	367,356	358,313	275	98,481
2014	489,327	2,020,748	374,880	368,193	277	101,816
2015	483,530	2,115,982	356,312	356,370	276	98,291
2016	500,608	2,115,245	380,610	369,949	279	103,202
2017	514,838	2,162,545	390,806	381,175	281	107,242
2018	533,891	2,308,002	402,536	394,361	279	110,074
2019	532,498	2,361,628	403,273	399,656	283	113,253

¹ Excluding commercial broilers.



All Layers, Average Number on Hand by Month – Iowa and United States: 2015-2019

Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
----- (1,000 head) -----												
Iowa												
2015	60,313	60,205	60,243	60,346	57,178	45,336	35,535	34,749	34,901	35,338	35,903	37,382
2016	39,869	42,341	45,333	47,971	49,481	50,345	51,530	52,411	52,843	53,522	53,985	54,796
2017	55,568	56,061	56,323	56,026	55,375	55,065	55,497	55,629	55,879	56,053	56,360	56,573
2018	56,027	55,438	55,898	56,626	57,002	57,320	57,004	57,247	57,569	57,735	58,192	58,747
2019	58,880	58,340	58,614	59,229	59,315	58,610	57,528	57,053	57,367	57,692	57,588	58,127
United States												
2015	373,904	371,396	370,657	371,751	368,240	352,132	339,791	340,636	342,182	344,759	348,080	352,905
2016	358,498	362,412	367,570	371,256	371,278	370,923	370,042	369,424	371,088	373,588	375,124	378,149
2017	380,685	380,616	380,099	380,458	380,351	378,671	377,867	378,432	380,158	382,539	385,338	388,880
2018	390,502	390,164	392,389	395,010	395,052	394,717	394,621	393,825	394,103	395,393	396,571	399,989
2019	402,924	402,763	403,552	405,672	404,691	400,109	394,862	392,313	393,317	395,509	398,404	401,764

¹ December preceding year.

All Layers, Number of Eggs Per 100 Layers by Month – Iowa and United States: 2015-2019

Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Iowa												
2015	2,423	2,403	2,147	2,377	2,319	2,326	2,218	2,306	2,278	2,160	2,185	2,092
2016	2,140	2,139	2,063	2,231	2,202	2,404	2,321	2,388	2,458	2,367	2,421	2,377
2017	2,500	2,487	2,220	2,466	2,388	2,487	2,399	2,466	2,432	2,322	2,403	2,351
2018	2,380	2,331	2,151	2,377	2,322	2,411	2,318	2,406	2,417	2,342	2,421	2,363
2019	2,486	2,520	2,228	2,414	2,366	2,509	2,427	2,493	2,501	2,434	2,540	2,444
United States												
2015	2,388	2,349	2,103	2,359	2,291	2,339	2,258	2,333	2,332	2,247	2,320	2,261
2016	2,334	2,321	2,189	2,351	2,273	2,360	2,285	2,376	2,386	2,303	2,389	2,327
2017	2,412	2,401	2,160	2,395	2,313	2,388	2,320	2,404	2,388	2,284	2,361	2,310
2018	2,383	2,352	2,121	2,355	2,276	2,362	2,291	2,366	2,382	2,312	2,388	2,323
2019	2,406	2,398	2,153	2,385	2,317	2,404	2,334	2,410	2,413	2,332	2,426	2,364

¹ December preceding year.

Chickens and Eggs, Production and Income – Iowa and United States: 2015-2019

Year	Chickens		Eggs	
	Pounds sold (1,000 pounds)	Value of sales (1,000 dollars)	Eggs produced (million eggs)	Value of production (1,000 dollars)
Iowa				
2015	38,021	190	12,730	1,569,519
2016	28,769	144	13,687	558,776
2017	22,063	110	16,155	868,838
2018	32,117	96	16,119	1,314,715
2019	38,087	76	17,084	844,469
United States				
2015	1,010,070	104,828	98,291	13,762,519
2016	1,060,677	87,949	103,202	6,591,359
2017	1,001,685	46,999	107,242	7,635,001
2018	1,024,264	49,365	110,074	10,653,315
2019	1,013,645	37,585	113,253	7,704,595

Eggs Produced by Month – Iowa and United States: 2010-2019

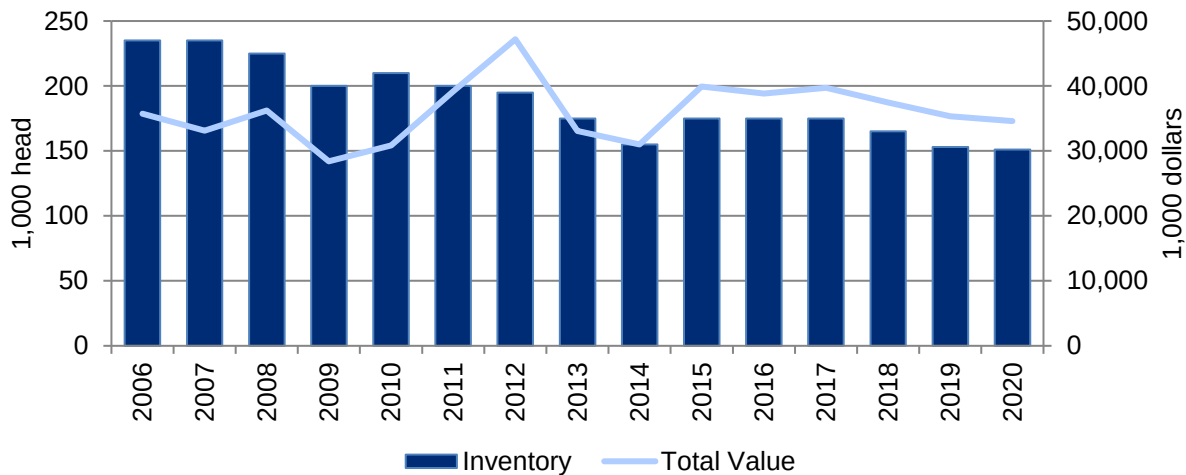
Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
(million eggs)													
Iowa													
2010	1,256	1,240	1,108	1,271	1,253	1,291	1,242	1,254	1,260	1,215	1,212	1,171	14,773
2011	1,235	1,243	1,116	1,246	1,200	1,237	1,213	1,276	1,278	1,235	1,297	1,263	14,839
2012	1,305	1,271	1,175	1,301	1,269	1,317	1,269	1,306	1,332	1,304	1,374	1,349	15,572
2013	1,386	1,351	1,215	1,385	1,350	1,381	1,322	1,357	1,369	1,333	1,372	1,333	16,155
2014	1,374	1,364	1,229	1,362	1,362	1,430	1,363	1,405	1,412	1,389	1,431	1,392	16,513
2015	1,462	1,447	1,293	1,435	1,326	1,054	788	801	795	763	784	782	12,730
2016	853	906	935	1,070	1,090	1,210	1,196	1,252	1,299	1,267	1,307	1,303	13,687
2017	1,389	1,394	1,250	1,382	1,323	1,369	1,332	1,372	1,359	1,302	1,354	1,330	16,155
2018	1,333	1,292	1,202	1,346	1,323	1,382	1,322	1,377	1,392	1,352	1,409	1,388	16,119
2019	1,464	1,470	1,306	1,430	1,403	1,471	1,396	1,422	1,435	1,404	1,463	1,420	17,084
United States													
2010	7,888	7,754	6,965	7,877	7,620	7,763	7,529	7,756	7,790	7,541	7,727	7,601	91,811
2011	7,948	7,853	7,037	7,870	7,641	7,792	7,543	7,796	7,787	7,588	7,882	7,713	92,450
2012	8,072	7,961	7,352	7,996	7,730	7,932	7,657	7,882	7,961	7,719	8,070	8,021	94,364
2013	8,328	8,260	7,450	8,341	8,082	8,309	8,029	8,271	8,384	8,189	8,500	8,339	98,481
2014	8,640	8,547	7,695	8,587	8,364	8,598	8,321	8,679	8,678	8,373	8,722	8,612	101,816
2015	8,928	8,723	7,797	8,771	8,438	8,235	7,672	7,948	7,979	7,747	8,074	7,979	98,291
2016	8,367	8,412	8,048	8,729	8,438	8,753	8,456	8,779	8,855	8,605	8,960	8,799	103,202
2017	9,181	9,139	8,209	9,112	8,797	9,043	8,768	9,099	9,077	8,737	9,098	8,984	107,242
2018	9,306	9,175	8,324	9,301	8,993	9,324	9,040	9,319	9,389	9,141	9,472	9,291	110,074
2019	9,693	9,658	8,689	9,675	9,378	9,618	9,215	9,454	9,491	9,223	9,664	9,497	113,253

¹ December preceding year.

Sheep and Lambs, Inventory and Value – Iowa and United States: January 1, 2011-2020

Year	All sheep and lambs		Breeding sheep & lambs				Market sheep & lambs		
	Inventory	Total value	1 year and older		Replacement lambs	Total	Lambs	Sheep	Total
			Ewes	Rams					
	(1,000 head)	(1,000 dollars)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
Iowa									
2011	200	39,200	104	5	18	127	72	1	73
2012	195	47,190	115	5	23	143	51	1	52
2013	175	33,075	100	5	23	128	44	3	47
2014	155	31,000	90	5	15	110	42	3	45
2015	175	39,900	100	5	20	125	49	1	50
2016	175	38,850	100	5	20	125	49	1	50
2017	175	39,725	95	5	20	120	54	1	55
2018	165	37,455	91	5	19	115	48	2	50
2019	153	35,343	80	4	19	103	47	3	50
2020	151	34,579	85	4	19	108	42	1	43
United States									
2011	5,470	929,453	3,215	190	665	4,070	1,320	80	1,400
2012	5,375	1,187,730	3,165	170	660	3,995	1,291	89	1,380
2013	5,360	951,020	3,135	180	670	3,985	1,294	81	1,375
2014	5,235	982,316	3,080	175	635	3,890	1,264	81	1,345
2015	5,270	1,127,157	3,100	175	650	3,925	1,260	85	1,345
2016	5,295	1,071,467	3,100	175	665	3,940	1,280	75	1,355
2017	5,270	1,067,857	3,058	170	666	3,894	1,300	76	1,376
2018	5,265	1,071,378	3,033	170	662	3,865	1,320	80	1,400
2019	5,230	1,061,498	3,000	170	650	3,820	1,328	82	1,410
2020	5,200	1,066,338	2,980	170	660	3,810	1,306	84	1,390

Sheep and Lambs, Inventory and Value Iowa: January 1, 2006-2020



Sheep and Lambs, Wool Production and Income – Iowa and United States: 2010-2019

Year	Sheep shorn	Weight per fleece	Production	Price per pound	Value
	(head)	(pounds)	(pounds)	(dollars)	(dollars)
Iowa					
2010	200,000	5.0	1,000,000	0.29	290,000
2011	190,000	5.3	1,000,000	0.58	580,000
2012	165,000	5.5	900,000	0.70	630,000
2013	155,000	5.5	850,000	0.65	553,000
2014	165,000	5.5	900,000	0.58	522,000
2015	165,000	5.5	900,000	0.79	711,000
2016	165,000	5.5	900,000	0.56	504,000
2017	140,000	5.6	780,000	0.52	406,000
2018	140,000	5.4	760,000	0.59	448,000
2019	130,000	5.7	740,000	0.45	333,000
United States					
2010	4,180,000	7.3	30,360,000	1.15	35,013,000
2011	4,030,000	7.3	29,280,000	1.67	48,920,000
2012	3,790,000	7.3	27,630,000	1.52	41,972,000
2013	3,695,000	7.3	26,955,000	1.45	39,186,000
2014	3,665,000	7.3	26,580,000	1.46	38,837,000
2015	3,645,000	7.4	26,800,000	1.45	38,975,000
2016	3,560,000	7.2	25,795,000	1.45	37,423,000
2017	3,435,000	7.2	24,810,000	1.48	36,774,000
2018	3,372,000	7.2	24,400,000	1.75	42,772,000
2019	3,320,000	7.2	24,010,000	1.89	45,364,000

Sheep and Lambs, Inventory, Lamb Crop, Farm Slaughter, and Death Loss – Iowa and United States: 2010-2019

Year	Inventory January 1	Lamb crop	Farm slaughter	Sheep and lamb deaths
(head)				
Iowa				
2010	210,000	160,000	1,500	30,000
2011	200,000	155,000	1,400	29,000
2012	195,000	150,000	1,400	26,000
2013	175,000	135,000	1,400	24,000
2014	155,000	125,000	1,400	27,000
2015	175,000	124,000	1,400	26,000
2016	175,000	125,000	1,500	24,500
2017	175,000	115,000	1,500	22,000
2018	165,000	110,000	1,100	23,000
2019	153,000	115,000	1,500	24,500
United States				
2010	5,620,000	3,570,000	95,300	600,000
2011	5,470,000	3,490,000	93,200	620,000
2012	5,375,000	3,445,000	92,500	594,000
2013	5,360,000	3,345,000	93,500	585,000
2014	5,235,000	3,335,000	94,500	585,000
2015	5,270,000	3,290,000	95,100	603,000
2016	5,295,000	3,265,000	94,800	591,000
2017	5,270,000	3,230,000	96,100	580,000
2018	5,265,000	3,235,000	92,200	604,000
2019	5,230,000	3,230,000	91,500	607,000

Commercial Sheep and Lamb Slaughter, Number of Head by Month – Iowa and United States: 2015-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
(1,000 head)													
Iowa													
2015	0.30	0.20	0.20	0.20	0.10	0.20	0.30	0.30	0.30	0.30	0.20	0.30	2.80
2016	0.20	0.20	0.20	0.20	0.20	0.30	0.30	0.40	0.50	0.40	0.30	0.30	3.50
2017	0.20	0.30	0.20	0.20	0.20	0.20	0.30	0.30	0.40	0.40	0.40	0.20	3.20
2018	0.20	0.10	0.10	0.10	0.20	0.20	0.30	0.30	0.40	0.40	0.30	0.20	2.70
2019	0.20	0.10	0.10	0.10	0.10	0.20	0.30	0.20	0.20	0.20	0.40	0.10	2.20
United States													
2015	167	164	205	199	169	195	188	175	193	186	181	200	2,224
2016	161	176	207	190	186	196	170	193	194	182	187	197	2,238
2017	177	159	196	180	181	188	167	195	176	184	187	188	2,178
2018	181	164	202	182	202	181	180	205	172	200	195	202	2,265
2019	187	169	190	236	210	175	189	203	179	206	181	197	2,322

¹ Totals may not add due to rounding.

Commercial Sheep and Lamb Slaughter, Total Live Weight by Month – Iowa and United States: 2015-2019

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
(1,000 pounds)													
Iowa													
2015	38	25	31	23	20	28	44	56	48	49	36	40	438
2016	33	36	31	32	31	53	43	57	82	54	43	46	542
2017	35	40	39	30	29	29	53	55	58	60	56	33	516
2018	40	22	25	17	28	34	46	46	58	59	43	29	446
2019	27	20	17	20	19	24	40	33	36	32	50	20	338
United States													
2015	23,443	23,114	28,603	27,351	23,893	26,961	25,862	23,447	24,709	23,853	23,552	26,466	301,254
2016	22,337	25,037	28,564	25,638	25,962	26,532	22,848	25,068	24,161	23,287	24,435	26,125	299,994
2017	24,510	22,386	27,443	23,024	23,720	24,816	21,940	25,752	22,516	23,724	24,699	25,509	290,038
2018	25,421	23,451	28,169	24,923	27,366	24,799	24,138	26,965	22,777	26,142	25,820	26,350	306,319
2019	25,072	22,328	26,014	30,362	26,926	22,858	23,959	25,475	21,859	25,568	22,612	24,173	297,205

¹ Totals may not add due to rounding.

Commercial Sheep and Lamb Slaughter, Average Live Weight by Month – Iowa and United States: 2015-2019

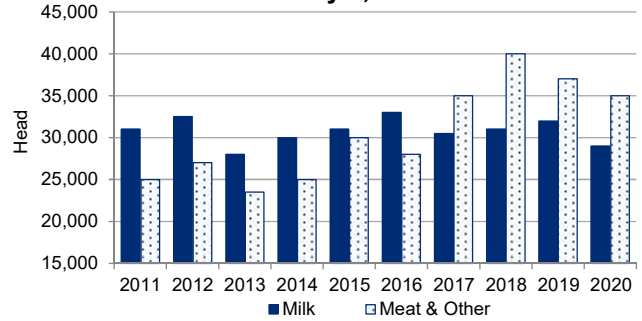
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
(pounds)													
Iowa													
2015	149	143	155	140	146	153	162	162	158	159	150	154	154
2016	154	153	163	154	162	165	163	163	155	148	150	151	156
2017	154	153	169	180	173	170	168	169	152	162	158	165	163
2018	162	157	170	166	164	169	174	170	164	163	165	165	166
2019	158	152	169	162	161	158	160	156	150	149	142	151	154
United States													
2015	141	141	139	137	141	138	138	134	128	128	130	132	136
2016	139	142	138	135	140	136	134	130	125	128	131	133	134
2017	138	141	140	128	131	132	132	132	128	129	132	136	133
2018	141	143	140	137	136	137	134	131	132	131	132	131	135
2019	134	132	137	129	128	130	127	126	122	124	125	123	128

Goats

Goat Inventory – Iowa: January 1, 2011-2020

Year	Milk goats (head)	Meat and other goats (head)
2011	31,000	25,000
2012	32,500	27,000
2013	28,000	23,500
2014	30,000	25,000
2015	31,000	30,000
2016	33,000	28,000
2017	30,500	35,000
2018	31,000	40,000
2019	32,000	37,000
2020	29,000	35,000

Goat Inventory By Type
Iowa: January 1, 2011-2020



Bees and Honey

Number of Colonies, Yield, Production, Stocks, Price, and Value – Iowa and United States: 2015-2019

[Operations with five or more colonies that also qualify as a farm. Colonies which produced honey in more than one state were counted in each state.]

State	Producing colonies ¹	Yield	Production	Honey stocks December 15 ²	Average price per pound ³	Value of production ⁴
	(1,000)	(pounds)	(1,000 pounds)	(1,000 pounds)	(dollars)	(1,000 dollars)
Iowa						
2015	36	50.0	1,800	990	2.20	3,960
2016	37	48.0	1,776	746	2.08	3,694
2017	35	58.0	2,030	1,035	2.26	4,588
2018	38	49.0	1,862	1,005	2.40	4,469
2019	38	55.0	2,090	1,170	2.24	4,682
United States ^{5, 6}						
2015	2,661	58.9	156,705	42,205	2.08	325,946
2016	2,780	58.4	162,246	41,314	2.12	343,962
2017	2,684	55.5	149,025	30,671	2.20	327,855
2018	2,828	54.5	154,008	29,303	2.21	340,358
2019	2,812	55.8	156,922	41,022	1.97	309,136

¹ Honey producing colonies are the maximum number of colonies from which honey was harvested during the year. It is possible to harvest honey from colonies which did not survive the entire year.

² Stocks held by producers.

³ Average price per pound based on expanded sales.

⁴ Value of production is equal to production multiplied by average price per pound.

⁵ Due to rounding, total colonies multiplied by total yield may not exactly equal production.

⁶ United States value of production will not equal summation of states.

Honey Bee Colonies – Iowa: 2017-2020

[Operations with five or more colonies.]

Quarter	First of the quarter number of colonies ¹	Maximum colonies ²	Lost colonies	Percent lost ³	Added colonies	Renovated colonies ⁴	Percent renovated ⁵
Jan-Mar 2017	10,000	15,500	3,000	19	70	0	0
Apr-Jun 2017	12,000	23,000	2,400	10	23,000	3,900	17
Jul-Sep 2017	40,000	43,000	2,200	5	2,100	4,000	9
Oct-Dec 2017	45,000	45,000	6,500	14	250	3,400	8
Jan-Mar 2018	41,000	44,000	2,100	5	270	110	(Z)
Apr-Jun 2018	45,000	47,000	4,300	9	15,500	4,800	10
Jul-Sep 2018	56,000	57,000	3,600	6	1,200	990	2
Oct-Dec 2018	21,000	21,000	4,200	20	630	80	(Z)
Jan-Mar 2019	7,500	11,500	1,600	14	170	140	1
Apr-Jun 2019 ⁶	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
Jul-Sep 2019	30,000	33,000	3,400	10	2,000	4,800	15
Oct-Dec 2019	32,000	32,000	7,500	23	1,500	530	2
Jan-Mar 2020	9,000	21,000	1,600	8	1,200	420	2
Apr-Jun 2020	21,000	29,000	3,600	12	14,500	4,700	16

(NA) Not available.

(Z) Less than half of the unit shown.

¹ Number of colonies in the state as of the first day of the quarter.

² Number of colonies in the state on the first day of the quarter plus all colonies moved into state during the quarter.

³ Percent lost is the number of lost colonies divided by the maximum colonies.

⁴ Defined as any surviving colony that was queenless or received new honey bees through nuc or package.

⁵ Percent renovated is the number of renovated colonies divided by the maximum colonies.

⁶ Quarterly data collection suspended for the April-June 2019 quarter.

Farm Production Expenditures - Iowa: 2018-2019

Expenditure - farm share	Farms reporting ¹		Average per farm ²		Total expenditures	
	2018	2019	2018	2019	2018	2019
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses ⁴	24.1	20.6	47,093	57,913	4,050	4,940
Feed	34.6	28.2	49,651	81,125	4,270	6,920
Farm services ⁵	98.5	96.2	29,070	31,770	2,500	2,710
Rent ⁶	41.6	41.6	42,907	45,135	3,690	3,850
Agricultural chemicals ⁷	58.0	57.1	12,674	13,247	1,090	1,130
Fertilizer, lime, and soil conditioners ⁷	58.0	56.1	20,814	20,868	1,790	1,780
Interest	47.2	46.2	10,349	9,379	890	800
Taxes (real estate and property)	100.0	100.0	10,465	10,317	900	880
Labor	21.9	16.6	8,953	9,848	770	840
Fuels	81.0	75.2	9,070	8,441	780	720
Farm supplies and repairs ⁸	77.2	70.0	12,326	12,427	1,060	1,060
Farm improvements and construction ⁹	46.6	44.1	7,093	16,061	610	1,370
Tractors and self-propelled farm machinery	9.8	13.7	6,395	9,027	550	770
Other farm machinery	14.4	15.3	3,023	4,572	260	390
Seeds and plants ¹⁰	60.1	59.1	22,442	22,860	1,930	1,950
Trucks and autos	11.4	13.1	1,802	2,814	155	240
Miscellaneous capital expenses	3.9	4.6	291	352	25	30
Total farm production expenditures³	100.0	100.0	294,419	356,155	25,320	30,380

¹ Number of farms reporting item divided by total number of farms.

² The average per farm is computed by dividing the line-item total expense by the total number of farms at that level. Totals may not add due to rounding.

³ Includes the operator, landlord, and contractor shares of farm production expenses. Totals may not add due to rounding.

⁴ Includes purchases and leasing of livestock and poultry. Intra-state and inter-state transfers of livestock are captured.

⁵ Includes all crop custom work, veterinary custom services, transportation costs, marketing charges, insurance, leasing of machinery and equipment, utilities, general expenses, and miscellaneous business expenses.

⁶ Includes cash rent paid, share rent, plus public and private grazing fees.

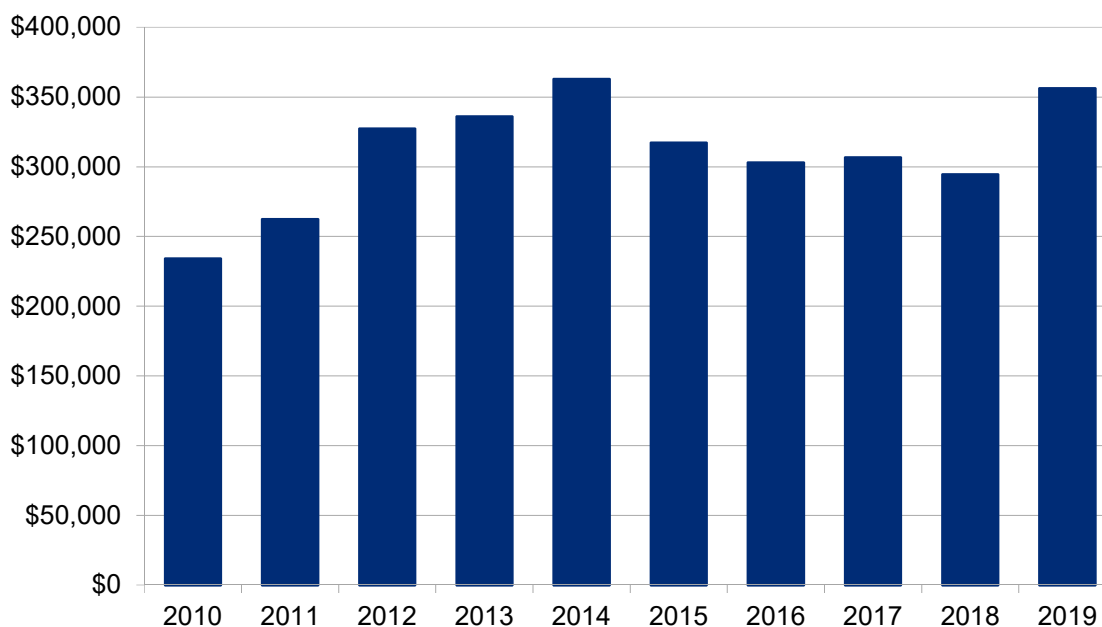
⁷ Includes material and application costs.

⁸ Includes bedding and litter, marketing containers, power farm-shop equipment, oils and lubricants, temporary fencing, miscellaneous non-capital equipment and supplies, repairs and maintenance of equipment not depreciated, and other small, non-capital equipment.

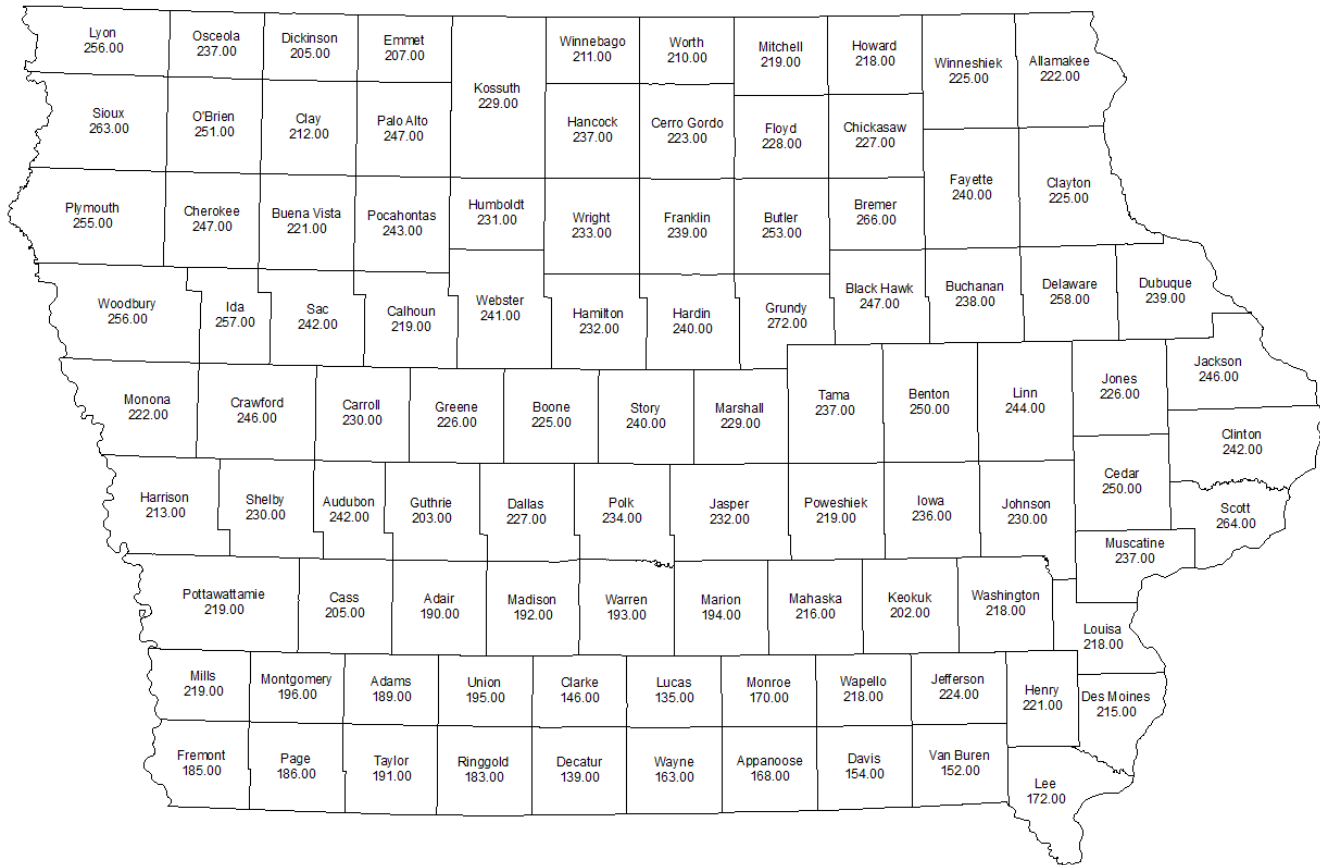
⁹ Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land.

¹⁰ All purchases of seed, plants, or seed treatments for nursery and farming operation are included. Bedding plants, nursery stock, and seed purchased for resale are excluded.

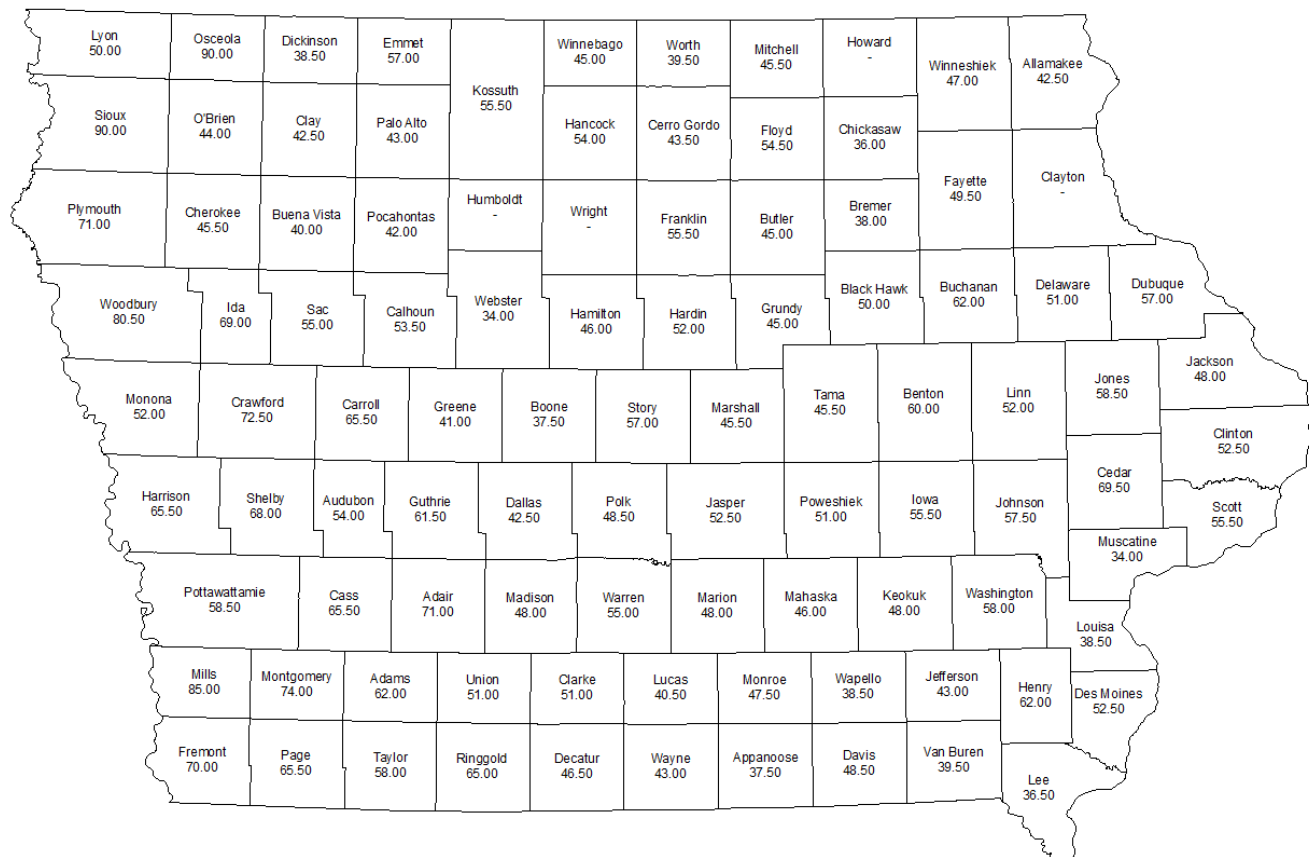
Farm Production Expenditures, Average per Farm Iowa: 2010-2019



Non-Irrigated Cropland Cash Rent – Iowa by County: 2020



Pasture Cash Rent – Iowa by County: 2020



Cash Rent – Iowa: 2018-2020

Item	2018	2019	2020
	(dollars per acre)		
Cropland, cash rent expense.....	231.00	230.00	230.00
Irrigated, cash rent expense	(D)	235.00	238.00
Non-irrigated, cash rent expense	231.00	230.00	230.00
Pasture, cash rent expense.....	54.00	59.00	54.00

(D) Not published to avoid disclosure of individual operations.

Cash Rent – Iowa by County: 2019 and 2020

County and district	Non-irrigated cropland		Pasture	
	2019	2020	2019	2020
	----- (dollars per acre) -----			
Buena Vista	216.00	221.00	54.50	40.00
Cherokee	247.00	247.00	52.50	45.50
Clay	213.00	212.00	49.00	42.50
Dickinson	211.00	205.00	46.50	38.50
Emmet	203.00	207.00	36.50	57.00
Lyon	260.00	256.00	74.00	50.00
O'Brien	260.00	251.00	47.50	44.00
Osceola	216.00	237.00	48.00	90.00
Palo Alto	247.00	247.00	—	43.00
Plymouth	257.00	255.00	65.00	71.00
Pocahontas	222.00	243.00	—	42.00
Sioux	255.00	263.00	86.00	90.00
Combined counties ¹	(NA)	(NA)	46.00	(NA)
Northwest	240.00	242.00	57.50	55.50
Butler	241.00	253.00	54.50	45.00
Cerro Gordo	244.00	223.00	53.00	43.50
Floyd	212.00	228.00	38.50	54.50
Franklin	242.00	239.00	42.50	55.50
Hancock	225.00	237.00	47.00	54.00
Humboldt	239.00	231.00	52.00	—
Kossuth	228.00	229.00	67.00	55.50
Mitchell	228.00	219.00	—	45.50
Winnebago	213.00	211.00	64.50	45.00
Worth	213.00	210.00	47.50	39.50
Wright	234.00	233.00	—	—
Combined counties ¹	(NA)	(NA)	30.50	44.00
North Central	230.00	231.00	47.00	49.00
Allamakee	204.00	222.00	42.50	42.50
Black Hawk	238.00	247.00	38.00	50.00
Bremer	268.00	266.00	52.50	38.00
Buchanan	247.00	238.00	72.50	62.00
Chickasaw	227.00	227.00	60.50	36.00
Clayton	224.00	225.00	63.50	—
Delaware	258.00	258.00	60.50	51.00
Dubuque	260.00	239.00	69.00	57.00
Fayette	240.00	240.00	47.50	49.50
Howard	213.00	218.00	63.00	—
Winneshiek	234.00	225.00	47.00	47.00
Combined counties ¹	(NA)	(NA)	(NA)	50.50
Northeast	241.00	236.00	55.50	50.00
Audubon	248.00	242.00	63.50	54.00
Calhoun	220.00	219.00	44.50	53.50
Carroll	237.00	230.00	57.50	65.50
Crawford	239.00	246.00	75.00	72.50
Greene	228.00	226.00	45.50	41.00
Guthrie	214.00	203.00	—	61.50
Harrison	212.00	213.00	66.00	65.50
Ida	241.00	257.00	75.00	69.00
Monona	219.00	222.00	—	52.00
Sac	255.00	242.00	66.50	55.00
Shelby	232.00	230.00	61.50	68.00
Woodbury	231.00	256.00	71.50	80.50
Combined counties ¹	(NA)	(NA)	60.50	(NA)
West Central	233.00	235.00	64.00	62.50

County and district	Non-irrigated cropland		Pasture	
	2019	2020	2019	2020
	----- (dollars per acre) -----			
Boone	228.00	225.00	44.50	37.50
Dallas	228.00	227.00	45.50	42.50
Grundy	252.00	272.00	55.00	45.00
Hamilton	228.00	232.00	—	46.00
Hardin	237.00	240.00	59.00	52.00
Jasper	215.00	232.00	44.50	52.50
Marshall	219.00	229.00	45.50	45.50
Polk	227.00	234.00	70.00	48.50
Poweshiek	228.00	219.00	48.50	51.00
Story	234.00	240.00	65.00	57.00
Tama	259.00	237.00	55.50	45.50
Webster	243.00	241.00	—	34.00
Combined counties ¹	(NA)	(NA)	35.50	(NA)
Central	235.00	238.00	52.50	47.00
Benton	258.00	250.00	60.50	60.00
Cedar	258.00	250.00	73.00	69.50
Clinton	241.00	242.00	39.00	52.50
Iowa	218.00	236.00	53.50	55.50
Jackson	226.00	246.00	49.00	48.00
Johnson	219.00	230.00	79.50	57.50
Jones	243.00	226.00	69.00	58.50
Linn	235.00	244.00	56.00	52.00
Muscatine	216.00	237.00	38.00	34.00
Scott	277.00	264.00	68.00	55.50
East Central	242.00	243.00	57.00	53.00
Adair	179.00	190.00	80.50	71.00
Adams	198.00	189.00	62.00	62.00
Cass	212.00	205.00	83.00	65.50
Fremont	195.00	185.00	89.00	70.00
Mills	225.00	219.00	83.50	85.00
Montgomery	211.00	196.00	76.50	74.00
Page	194.00	186.00	57.00	65.50
Pottawattamie	224.00	219.00	91.50	58.50
Taylor	194.00	191.00	78.50	58.00
Southwest	208.00	202.00	77.00	66.00
Appanoose	156.00	168.00	45.00	37.50
Clarke	136.00	146.00	46.50	51.00
Decatur	152.00	139.00	58.00	46.50
Lucas	144.00	135.00	61.50	40.50
Madison	181.00	192.00	47.50	48.00
Marion	191.00	194.00	46.00	48.00
Monroe	166.00	170.00	52.00	47.50
Ringgold	176.00	183.00	70.00	65.00
Union	202.00	195.00	62.50	51.00
Warren	180.00	193.00	47.00	55.00
Wayne	176.00	163.00	49.00	43.00
South Central	178.00	178.00	56.00	50.50
Davis	149.00	154.00	49.00	48.50
Des Moines	219.00	215.00	55.00	52.50
Henry	219.00	221.00	54.50	62.00
Jefferson	215.00	224.00	50.00	43.00
Keokuk	214.00	202.00	58.00	48.00
Lee	195.00	172.00	34.50	36.50
Louisa	219.00	218.00	36.50	38.50
Mahaska	233.00	216.00	50.00	46.00
Van Buren	167.00	152.00	41.00	39.50
Wapello	197.00	218.00	39.50	38.50
Washington	239.00	218.00	49.50	58.00
Southeast	212.00	205.00	47.50	47.00
Iowa	230.00	230.00	59.00	54.00

(NA) Not applicable.

— Data does not meet publication standards but is published in "Combined counties" or represents zero.

¹ Includes counties not published individually.

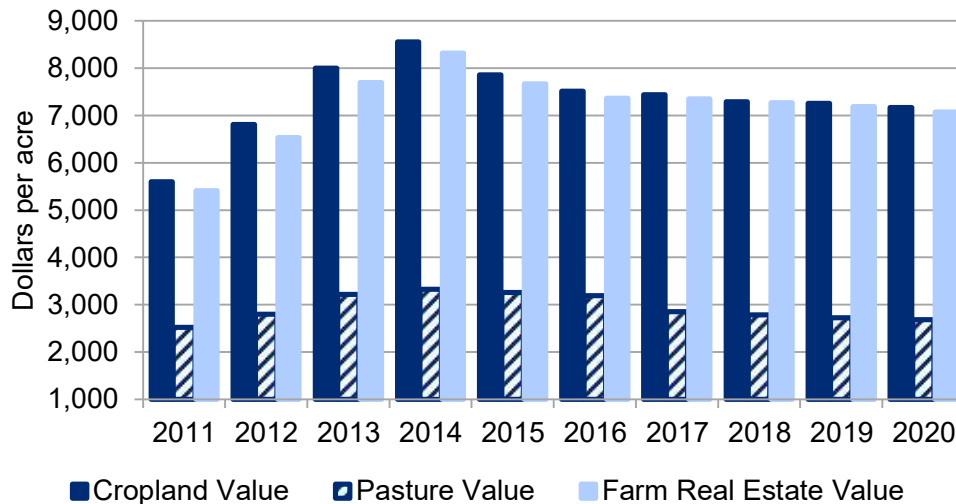
Land Values – Iowa: 2016-2020

Item	2016	2017	2018	2019	2020
Cropland, Average Value (dollars per acre).....	7,510	7,440	7,290	7,260	7,170
Pasture, Average Value (dollars per acre).....	3,190	2,850	2,790	2,720	2,690
Farm Real Estate, Average Value (dollars per acre).....	7,370	7,350	7,270	7,190	7,070
Value of Farmland and Buildings ¹ (million dollars)	225,522	224,910	222,462	220,014	(NA)

(NA) Not available. 2020 Land in Farms acres used in this calculation will be released in February 2021.

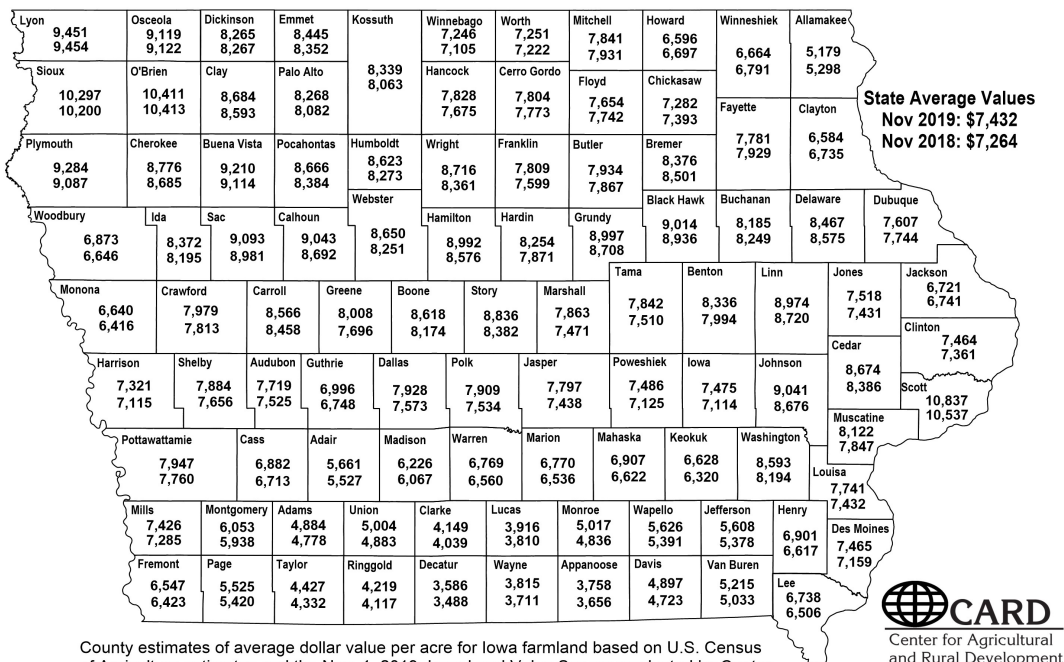
¹ Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms.

Land Values – Iowa: 2011-2020

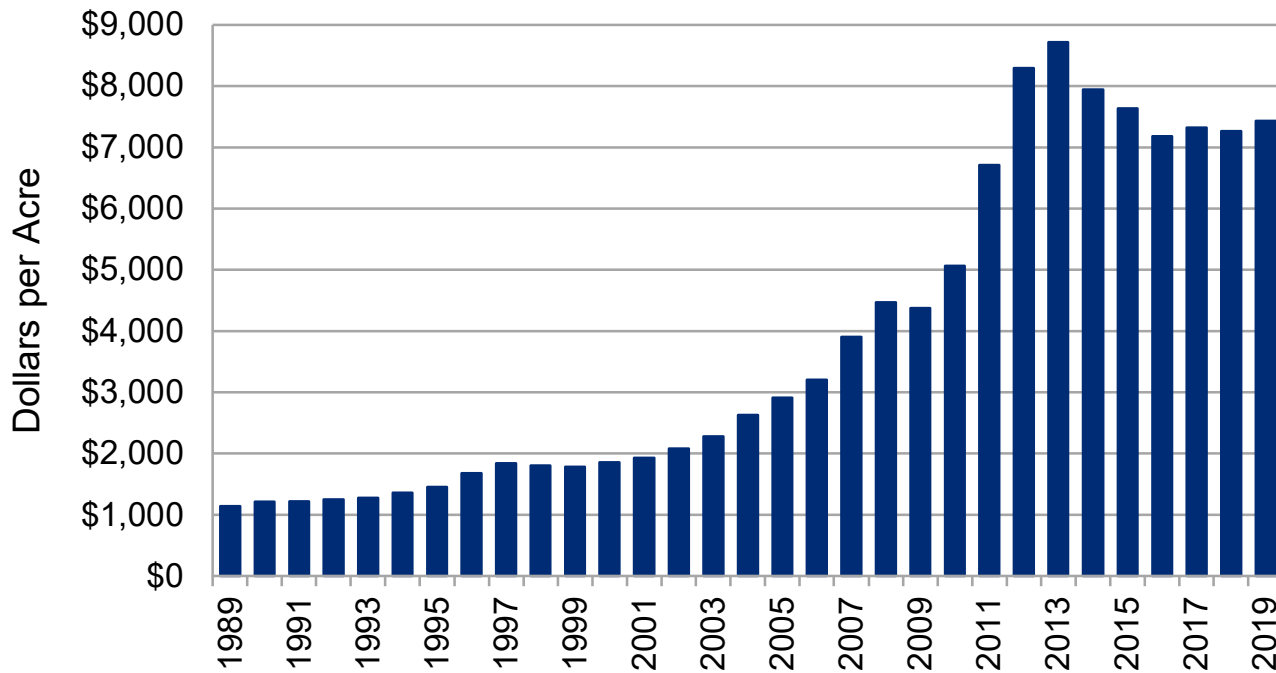


Average Land Values by County: 2018-2019 Iowa State University's Iowa Land Value Survey

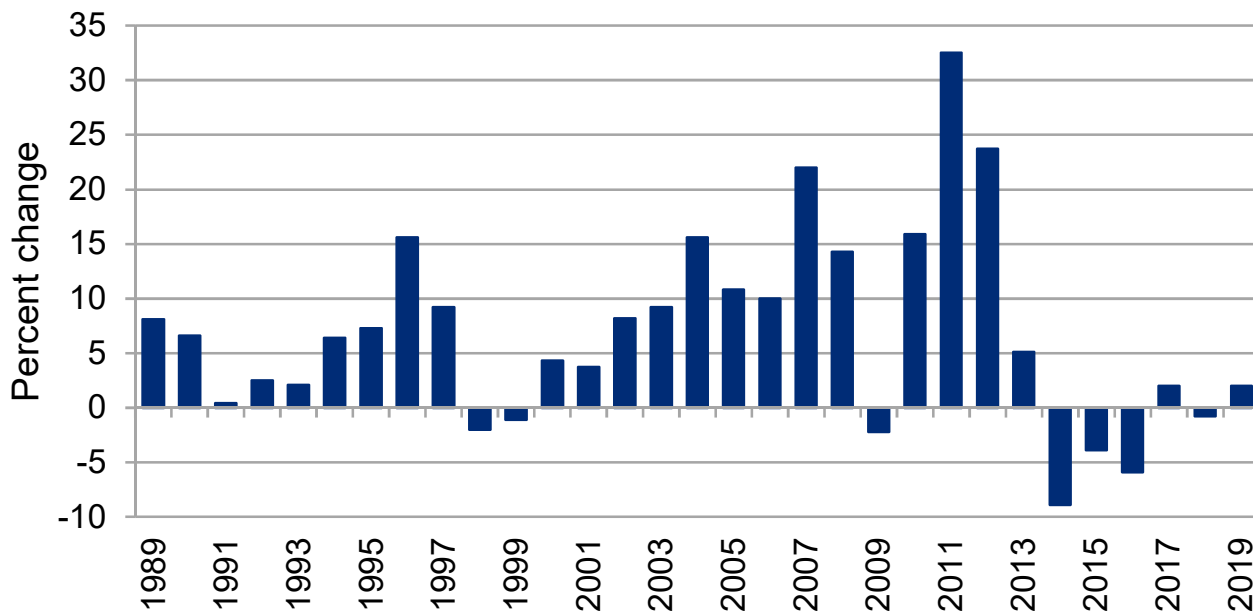
2019 and 2018 Iowa Average Land Values, by County



Land Values – Iowa: 1989-2019



Land Values, Percent Changes Iowa: 1989-2019



Source: 2019 Land Value Survey, Iowa State University, Center for Agricultural and Rural Development

Farm Custom Rates – Iowa: 2020

[This rate schedule is intended only as a guide. Actual custom rates may vary according to availability of machinery in a given area, timeliness, operator skill, field size and shape, crop conditions, and the performance characteristics of the machine being used. All rates include fuel, repairs, depreciation, interest, labor, and all other machinery costs for the tractor and implement, unless otherwise noted.]

TILLAGE / ACRE

	(average)	(range)
Chopping cornstalks	\$12.40	\$8.00 - \$16.00
Moldboard plowing	18.20	15.00 - 24.00
Chisel plowing	17.95	14.00 - 22.00
Disk/chiseling	20.15	14.00 - 28.00
Vertical tillage	18.75	12.00 - 25.00
Strip tillage	20.30	16.00 - 25.00
-ext chg, dry bulk fert, band, no mats	13.30	5.00 - 23.00
-ext chg, liq fertilizer, knifed, no mats	12.60	8.00 - 18.00
-ext chg, anhydrous fertilizer, no mats	6.20	4.00 - 8.00
Subsoiling (8-15 in. deep)	21.45	16.00 - 28.00
V-ripping (over 15 in. deep)	22.20	17.00 - 30.00
V-ripping with tandem disk	22.60	15.00 - 32.00
Disking, tandem	15.50	9.00 - 23.00
Disking, heavy or offset	18.75	14.00 - 24.00
Harrowing or dragging	10.55	6.00 - 16.00
Soil finishing	15.70	10.00 - 26.00
Field cultivating	16.10	8.50 - 26.00
Rock picking	17.10	12.00 - 20.00
Cultivating, conventional	13.00	8.50 - 18.00
Cultivating, ridge-till	16.70	12.00 - 22.00
Rotary hoeing	10.35	6.00 - 15.00
Land rolling	7.15	4.00 - 10.00

PLANTING, DRILLING, AND SEEDING / ACRE

Planting -		
-with fertilizer & insecticide attach	\$23.40	\$14.00 - \$36.00
-without attachments	20.70	13.00 - 30.00
-with splitters & attachments	21.95	14.00 - 33.00
-with high-speed planter	23.15	15.00 - 38.00
-no-till planter	23.00	12.60 - 35.00
-no-till planter with splitters	23.50	15.00 - 35.00
-ridge till planter	21.35	19.00 - 25.00
Extra charge for seed shut-offs	2.30	0.50 - 5.00
Extra charge for var. rate seeding	2.35	0.50 - 5.00
Extra charge for GPS use	2.45	0.50 - 5.00
Seed tender	3.00	1.00 - 5.00
Drilling soybeans	18.85	14.00 - 24.00
Drilling soybeans, no-till	19.75	14.00 - 27.00
Drilling grass seed	18.70	12.00 - 25.00
Drilling small grain	17.90	13.00 - 24.00
Seeding grass, broadcast w/tractor	12.10	8.00 - 15.00
Seeding grass, broadcast with ATV	12.90	7.00 - 20.00

SPRAYING / ACRE (materials not included)

Ground, broadcast, tractor	\$6.70	\$5.00 - \$8.00
Ground, incorporated, tractor	9.70	5.00 - 15.00
Ground, broadcast, self propelled	7.90	4.75 - 14.00
Ground, banded, tractor	8.25	6.00 - 10.00
Ground, road ditches / hour	69.60	20.00 - 100.00
Aerial	9.65	8.00 - 11.00

FERTILIZER APPLICATION / ACRE (materials not included)

	(average)	(range)
Dry bulk – applied	\$5.35	\$2.00 - \$7.50
Liquid – spraying	6.55	5.00 - 7.50
– side dressing	12.50	8.00 - 20.00
Anhydrous – injecting, with tool bar	13.10	8.00 - 24.00
– injecting, without tool bar	11.70	7.00 - 19.00
Spreading lime / ton	5.85	3.00 - 10.00

HARVESTING, DRYING, AND HAULING GRAIN

Corn combining / acre	\$36.70	\$23.00 - \$54.00
-with chopper head / acre	40.30	25.00 - 56.00
Soybean combining / acre	35.60	22.00 - 52.00
-with air reel / acre	34.45	28.00 - 42.00
-with draper head / acre	38.60	24.00 - 56.00
Small grain combining / acre	30.40	25.00 - 36.00
Complete harvesting (combine, grain cart, haul to farm storage)		
-Corn / acre	53.35	35.00 - 90.00
-Soybeans / acre	52.30	35.00 - 85.00
Added charge for GPS mapping	2.55	0.50 - 5.00
Picking ear corn / acre	33.70	30.00 - 36.00
Drying corn (includes fuel, electricity, labor)		
-continuous flow dryer, point / bu	0.042	0.035 - 0.050
-bin dryer, point / bu	0.041	0.020 - 0.050
Handling grain by auger / bu	0.063	0.020 - 0.150
Hauling grain		
-grain cart, corn, / acre	5.80	1.00 - 12.00
-grain cart, soybeans / acre	5.20	1.00 - 8.00
-to farm storage, wagon / bu	0.067	0.035 - 0.120
-farm storage to market, wagon / bu	0.088	0.050 - 0.150
-to market, truck (5 mi, 1-way) / bu	0.100	0.050 - 0.200
-to market, truck (25 mi, 1-way) / bu	0.163	0.090 - 0.280
-to market, truck (100 mi, 1-way) / bu	0.300	0.150 - 0.440

HARVESTING FORAGES

Hay -mowing / acre	\$13.30	\$8.00 - \$25.00
-conditioning / acre	12.25	11.40 - 13.00
-mowing/conditioning / acre	15.30	12.00 - 20.00
-raking / acre	8.15	5.00 - 12.50
-windrowing / acre	15.50	10.00 - 21.50
-tedding / acre	8.85	5.50 - 12.00
Hay baling -small square bales / bale	0.64	0.40 - 0.80
-large square bales / bale	10.80	8.50 - 13.00
-large round bales w/o wrap / bale	12.30	9.00 - 15.00
-large round bales with wrap / bale	13.35	11.00 - 16.00
Straw or corn stalk baling		
-lg round or sq w/o wrap / bale	12.35	9.00 - 14.00
-lg round or sq w/ wrap / bale	13.95	11.00 - 17.00
Move lg round bales to storage / bale	3.15	2.00 - 5.00
Silage -chopping / ton	7.25	6.00 - 8.75
Filling silage bags / foot of bag	9.90	8.00 - 12.00
Earlage or snaplage - chopping / acre	66.45	55.00 - 82.50

MISCELLANEOUS SERVICES (labor, fuel, and equipment included)

	(average)	(range)	
Removing snow (loader) / hour	\$77.25	\$45.00	- \$100.00
Removing snow (blwr) hour / ft blwr	17.10	13.33	- 21.33
Tub grinding hay / ton	251.65	200.00	- 300.00
Spread liq manure, inject / 1,000 gal	14.15	10.00	- 17.00
Apply liq manure w/drag line 1,000 gal	11.05	10.00	- 13.00
Loading solid manure / hour	81.65	50.00	- 110.00
Loading, spreading solid manure / ton	5.50	3.25	- 7.00
Loading, spreading solid manure / hour	118.35	100.00	- 120.00
Power washing / hour	56.45	40.00	- 75.00
Building fence, barb / hr (no mats)	16.20	15.00	- 19.00
Building fence, barb / rod (no mats)	12.45	10.00	- 12.50
Bldg fence, wov/barb / rod (no mats)	15.50	12.50	- 20.00
Scouting crops / acre	4.50	3.00	- 6.00
Scouting crops with drone / acre	3.55	3.00	- 4.00
Soil testing / sample	4.80	3.00	- 7.00
GPS grid soil testing / acre	6.40	4.00	- 10.00
Managing stored grain / bu	0.05	0.01	- 0.12
Vacuuuming grain / bu	0.11	0.04	- 0.18
Livestock hauling/trailer / loaded mile	2.95	2.00	- 4.00
-semi truck / loaded mile	3.85	3.40	- 4.00
Bulldozing / hour / foot of blade	12.75	11.00	- 15.00
Digging post holes / hole	4.35	3.00	- 5.00
Driving steel fence posts / post		1.00	- 2.00
Trenching / foot	1.85	1.50	- 2.00
Tiling, tiling machine (excl mats) / ft	1.10	0.50	- 1.75
Tiling, tile plow (excl mats) / ft	0.74	0.45	- 1.00
Back hoeing / hour	105.25	65.00	- 150.00
Clearing land / hour	163.55	145.00	- 185.00
Chain sawing / hour	66.80	50.00	- 75.00
Welding machinery / hour	62.50	50.00	- 80.00
Mowing CRP or pasture / acre	19.15	10.00	- 30.00
Control burn grass, CRP, pasture / acre	20.75	5.00	- 40.00
Mowing fence rows, ditches / hour	70.50	20.00	- 100.00
Mowing lawns / hour	47.50	18.50	- 75.00
Chopping brush / acre	37.45	25.00	- 50.00

CUSTOM FARMING (tillage, planting, pest control, harvesting, and hauling to farm, no drying)

	(average)	(range)	
Corn / acre	\$132.70	\$80.00	- \$245.00
Soybeans / acre	119.55	75.00	- 225.00
Small grain / acre	100.00	80.00	- 125.00

FARM LABOR WAGES FOR OPERATING MACHINERY

Spraying or harvesting / hour	\$18.20	\$13.00	- \$25.00
Other operations / hour	17.25	12.00	- 30.00

BIN RENTAL

Storing grain, bin rental bu / month	\$0.030	\$0.015	- \$0.050
Storing grain, bin rental bu / year	0.156	0.100	- 0.250

MACHINE RENTAL (operator, tractor, and fuel not included)

Tractor / horsepower / hour	\$0.23	\$0.20	- \$0.28
Grain drill / acre	11.15	10.00	- 12.00
No-till soybean drill / acre	13.45	11.00	- 15.00
Corn head for combine / acre	9.80	8.00	- 10.50
Soybean head for combine / acre	9.30	8.00	- 10.00
Grain cart with auger, corn / acre	6.50	5.00	- 8.00
Grain cart with auger, soybeans / acre	5.70	5.00	- 7.00
Grain truck (semi) bushel / round trip	0.10	0.05	- 0.12
Grain auger / bu	0.06	0.02	- 0.10
Grain vacuum / bu	0.08	0.04	- 0.12
Liquid manure spreader / hour	76.00	65.00	- 90.00
Solid manure spreader / hour	60.70	50.00	- 80.00
Skid loader / hour	65.85	40.00	- 100.00
Dry bulk fertilizer applicator / acre	4.95	3.00	- 6.00
Liquid fertilizer applicator / acre	6.50	5.00	- 8.00
Anhydrous fertilizer app / acre	6.50	5.00	- 10.00
Power washer / hour	40.00	35.00	- 40.00
Generator / hour	50.00	40.00	- 55.00

SOURCE: Iowa State University Extension and Outreach

Farm Labor, Employment, and Wage Rates by Quarter – Corn Belt II Region and United States: 2016-2020

Year and month	Number of hired workers	Hours worked per worker	Wage rates by type of worker ¹			
			Field	Livestock	Field and livestock combined	Wage rates for all hired workers
(1,000)		(hours per week)	----- (dollars per hour) -----			
Cornbelt II Region ²						
2016						
January	19	36.1	13.26	12.97	13.05	13.23
April	22	37.8	12.89	13.26	13.10	13.17
July	27	37.2	13.05	13.27	13.15	13.72
October	35	38.4	13.33	12.84	13.15	13.64
2017						
January	15	35.3	13.08	13.92	13.55	13.82
April	18	37.2	12.60	13.95	13.15	13.41
July	23	37.4	13.49	13.26	13.40	13.98
October	29	35.8	13.83	12.95	13.55	14.04
2018						
January	16	32.8	13.37	13.08	13.20	13.85
April	21	31.7	12.74	13.43	13.05	13.64
July	24	33.4	13.48	12.62	13.15	13.84
October	23	35.6	13.94	13.65	13.85	14.53
2019						
January	20	34.9	14.50	14.87	14.75	15.55
April	24	37.1	14.35	14.97	14.70	15.39
July	23	37.2	14.15	14.58	14.35	15.08
October	26	38.3	14.45	14.68	14.55	15.10
2020						
January	25	37.2	15.61	15.37	15.45	15.98
April	29	37.9	15.18	15.50	15.35	15.79
United States						
2016						
January	582	38.8	11.84	12.02	11.91	12.83
April	703	40.4	12.00	12.01	12.00	12.75
July	840	41.2	12.32	12.15	12.27	13.02
October	798	41.6	12.59	12.25	12.50	13.25
2017						
January	533	38.0	12.15	12.66	12.35	13.43
April	673	40.4	12.22	12.53	12.32	13.23
July	879	41.4	12.57	12.21	12.47	13.23
October	840	41.6	12.83	12.22	12.66	13.42
2018						
January	534	38.0	12.84	12.89	12.86	14.08
April	648	40.2	12.72	12.78	12.74	13.72
July	843	41.2	13.58	13.22	13.48	14.28
October	784	41.5	13.74	13.38	13.64	14.47
2019						
January	499	39.3	13.77	13.80	13.78	14.96
April	629	40.7	13.80	13.61	13.73	14.71
July	802	41.7	14.19	13.79	14.08	14.91
October	809	42.5	14.38	13.77	14.21	15.02
2020						
January	568	40.2	14.18	14.22	14.20	15.28
April	688	40.3	14.19	14.10	14.16	15.07

¹ Benefits, such as cash bonuses, housing, or meals, are provided to some workers. Wage rates published in this release do not include the value of these benefits.

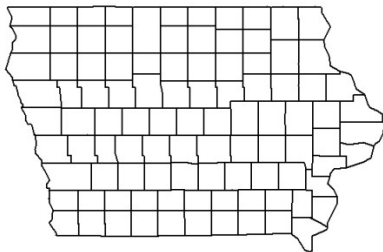
² Cornbelt II Region includes Iowa and Missouri.

COUNTY HIGHLIGHTS

The following pages provide a snapshot of agriculture in each county in Iowa. Annual data are provided when available based on various surveys, otherwise data from the 2017 Census of Agriculture is provided. This section highlights the importance of agriculture to each and every county in Iowa.

Below is a list of comparable items at the state level.

STATE OF IOWA



Census of Agriculture – 2017

Total land in farms (acres)	30,563,878	Market value of:	
Number of farms	86,104	all farm products (\$1,000)	28,956,455
Average farm size (acres)	355	all crops (\$1,000)	13,832,573
Principal operators, average age	57.4	all livestock (\$1,000)	15,123,882
Principal operators, male	84,809	Production expenses (\$1,000)	23,541,463
Principal operators, female	30,821	Hogs and pigs inventory (head)	22,730,540
Hay, all production (tons)	2,908,412	Chickens, layers inv (head)	56,554,774

Cattle – January 1, 2020

	Number of head
All cattle and calves	3,900,000
Beef cows	905,000
Milk cows	215,000

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production
	(acres)	(acres)	(bu/acre)	(1,000 bu)
Corn for grain	13,500,000	13,050,000	198.0	2,583,900
Soybeans	9,200,000	9,120,000	55.0	501,600
Oats	215,000	69,000	58.0	4,002

Key for the county tables:

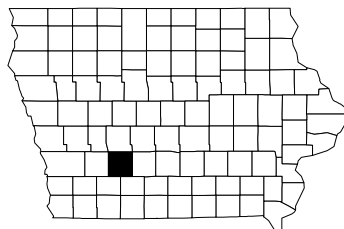
(NA) Not available.

(D) Withheld to avoid disclosing data for individual operations, or does not meet publication standards.

T Indicates there was a tie in the county ranking.

Crop rank in state is based on production for published counties.

ADAIR COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	334,850	Market value of:	
Number of farms	738	all farm products (\$1,000)	188,005
Average farm size (acres)	454	all crops (\$1,000)	103,137
Principal operators, average age	59.4	all livestock (\$1,000)	84,868
Principal operators, male	757	Production expenses (\$1,000)	163,911
Principal operators, female	276	Hogs and pigs inventory (head)	52,615
Hay, all production (tons)	67,010	Chickens, layers inv (head)	(D)

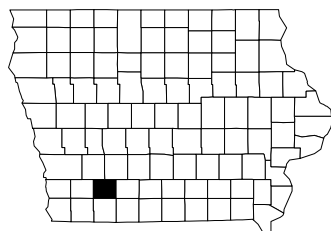
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	46,500	22T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	111,500	107,300	176.6	18,944	66
Soybeans	101,500	100,900	53.3	5,376	36
Oats	(D)	(D)	(D)	(D)	(NA)

ADAMS COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	223,454	Market value of:	
Number of farms	509	all farm products (\$1,000)	108,297
Average farm size (acres)	439	all crops (\$1,000)	64,146
Principal operators, average age	59.9	all livestock (\$1,000)	44,151
Principal operators, male	490	Production expenses (\$1,000)	85,679
Principal operators, female	240	Hogs and pigs inventory (head)	52,189
Hay, all production (tons)	40,996	Chickens, layers inv (head)	447

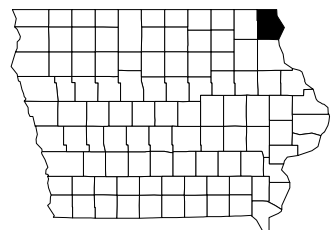
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	28,500	51T
Beef cows	12,600	22
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

ALLAMAKEE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	291,726	Market value of:	
Number of farms	997	all farm products (\$1,000)	200,459
Average farm size (acres)	293	all crops (\$1,000)	66,738
Principal operators, average age	57.1	all livestock (\$1,000)	133,721
Principal operators, male	1,017	Production expenses (\$1,000)	158,048
Principal operators, female	393	Hogs and pigs inventory (head)	83,436
Hay, all production (tons)	105,521	Chickens, layers inv (head)	21,478

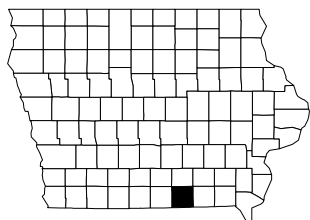
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	67,000	12T
Beef cows	18,600	3T
Milk cows	12,800	5

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	97,500	83,200	187.2	15,573	71
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	10,400	2,560	60.2	154	3

APPANOOSE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	179,274	Market value of:	
Number of farms	675	all farm products (\$1,000)	44,483
Average farm size (acres)	266	all crops (\$1,000)	26,420
Principal operators, average age	58.6	all livestock (\$1,000)	18,063
Principal operators, male	618	Production expenses (\$1,000)	40,465
Principal operators, female	317	Hogs and pigs inventory (head)	778
Hay, all production (tons)	62,048	Chickens, layers inv (head)	1,019

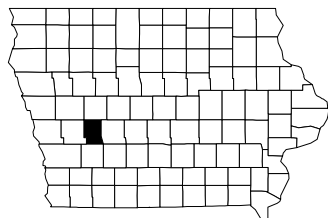
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	29,000	49T
Beef cows	15,000	13
Milk cows	200	39T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	30,300	29,300	166.8	4,887	87
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

AUDUBON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	275,557	Market value of:	
Number of farms	628	all farm products (\$1,000)	276,623
Average farm size (acres)	439	all crops (\$1,000)	130,110
Principal operators, average age	58.9	all livestock (\$1,000)	146,513
Principal operators, male	606	Production expenses (\$1,000)	226,645
Principal operators, female	224	Hogs and pigs inventory (head)	266,358
Hay, all production (tons)	20,811	Chickens, layers inv (head)	(D)

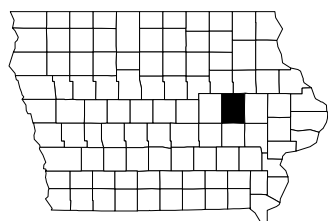
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	29,500	47T
Beef cows	6,800	44T
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	109,500	108,200	216.0	23,370	56
Soybeans	94,000	93,200	58.9	5,487	31
Oats	(D)	(D)	(D)	(D)	(NA)

BENTON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	420,639	Market value of:	
Number of farms	1,148	all farm products (\$1,000)	347,724
Average farm size (acres)	366	all crops (\$1,000)	218,375
Principal operators, average age	56.9	all livestock (\$1,000)	129,349
Principal operators, male	1,123	Production expenses (\$1,000)	279,897
Principal operators, female	380	Hogs and pigs inventory (head)	254,733
Hay, all production (tons)	31,598	Chickens, layers inv (head)	1,434

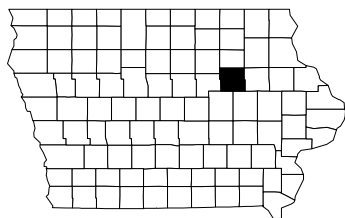
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	36,000	32
Beef cows	11,500	26
Milk cows	4,300	13

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	195,000	187,800	197.6	37,105	19
Soybeans	149,000	147,900	57.9	8,564	5
Oats	1,700	1,170	65.2	76.3	6

BLACK HAWK COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	292,163	Market value of:	
Number of farms	968	all farm products (\$1,000)	261,235
Average farm size (acres)	302	all crops (\$1,000)	161,719
Principal operators, average age	57.5	all livestock (\$1,000)	99,516
Principal operators, male	940	Production expenses (\$1,000)	223,882
Principal operators, female	376	Hogs and pigs inventory (head)	249,700
Hay, all production (tons)	11,798	Chickens, layers inv (head)	1,092

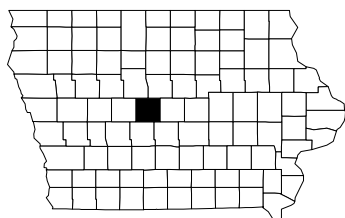
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	16,500	78
Beef cows	3,600	62
Milk cows	900	28T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	147,000	145,100	205.1	29,762	44
Soybeans	89,600	88,700	51.9	4,605	51
Oats	(D)	(D)	(D)	(D)	(NA)

BOONE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	315,061	Market value of:	
Number of farms	967	all farm products (\$1,000)	218,354
Average farm size (acres)	326	all crops (\$1,000)	161,299
Principal operators, average age	59.5	all livestock (\$1,000)	57,055
Principal operators, male	947	Production expenses (\$1,000)	181,842
Principal operators, female	367	Hogs and pigs inventory (head)	144,977
Hay, all production (tons)	14,211	Chickens, layers inv (head)	12,144

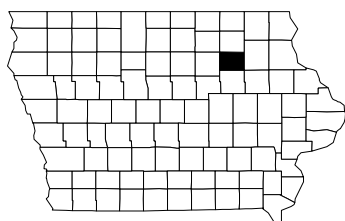
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	14,200	84
Beef cows	3,900	59T
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	163,500	161,700	194.8	31,498	34
Soybeans	101,500	100,800	53.2	5,359	37
Oats	(D)	(D)	(D)	(D)	(NA)

BREMER COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	262,085	Market value of:	
Number of farms	963	all farm products (\$1,000)	229,935
Average farm size (acres)	272	all crops (\$1,000)	136,590
Principal operators, average age	56.6	all livestock (\$1,000)	93,345
Principal operators, male	990	Production expenses (\$1,000)	190,520
Principal operators, female	313	Hogs and pigs inventory (head)	144,423
Hay, all production (tons)	12,116	Chickens, layers inv (head)	2,061

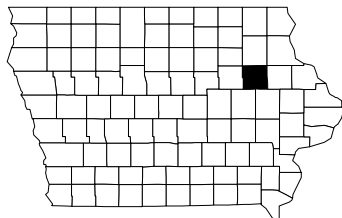
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	24,500	62
Beef cows	4,100	57
Milk cows	2,600	17

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	127,500	125,400	212.5	26,642	50
Soybeans	63,000	62,600	52.5	3,287	72
Oats	1,600	230	77.0	17.7	20

BUCHANAN COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	329,781	Market value of:	
Number of farms	1,057	all farm products (\$1,000)	366,411
Average farm size (acres)	312	all crops (\$1,000)	186,505
Principal operators, average age	55.4	all livestock (\$1,000)	179,905
Principal operators, male	1,059	Production expenses (\$1,000)	282,694
Principal operators, female	377	Hogs and pigs inventory (head)	367,983
Hay, all production (tons)	20,902	Chickens, layers inv (head)	19,537

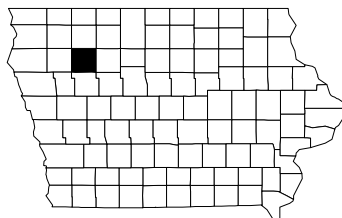
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	22,000	67T
Beef cows	4,600	54T
Milk cows	2,100	19T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	195,000	190,300	218.9	41,655	7
Soybeans	73,100	72,500	55.2	4,003	58
Oats	2,100	990	61.2	60.6	10

BUENA VISTA COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	356,640	Market value of:	
Number of farms	802	all farm products (\$1,000)	537,231
Average farm size (acres)	445	all crops (\$1,000)	176,995
Principal operators, average age	58.8	all livestock (\$1,000)	360,236
Principal operators, male	840	Production expenses (\$1,000)	406,368
Principal operators, female	231	Hogs and pigs inventory (head)	348,357
Hay, all production (tons)	17,321	Chickens, layers inv (head)	(D)

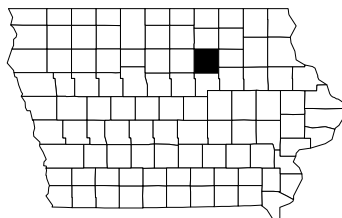
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	25,000	60T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	170,500	167,900	190.8	32,043	31
Soybeans	137,000	135,800	53.5	7,268	12
Oats	(D)	(D)	(D)	(D)	(NA)

BUTLER COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	359,246	Market value of:	
Number of farms	1,074	all farm products (\$1,000)	291,478
Average farm size (acres)	334	all crops (\$1,000)	182,959
Principal operators, average age	60.1	all livestock (\$1,000)	108,519
Principal operators, male	1,042	Production expenses (\$1,000)	256,557
Principal operators, female	389	Hogs and pigs inventory (head)	285,141
Hay, all production (tons)	13,453	Chickens, layers inv (head)	2,568

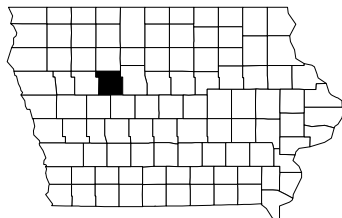
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	24,000	63T
Beef cows	7,300	42
Milk cows	1,600	23T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	172,000	169,700	209.5	35,555	22
Soybeans	94,600	93,400	55.0	5,137	43
Oats	(D)	(D)	(D)	(D)	(NA)

CALHOUN COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	351,082	Market value of:	
Number of farms	813	all farm products (\$1,000)	321,580
Average farm size (acres)	432	all crops (\$1,000)	176,368
Principal operators, average age	58.3	all livestock (\$1,000)	145,213
Principal operators, male	799	Production expenses (\$1,000)	250,238
Principal operators, female	269	Hogs and pigs inventory (head)	316,204
Hay, all production (tons)	6,997	Chickens, layers inv (head)	513

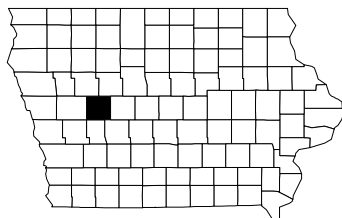
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	19,000	76
Beef cows	5,500	47T
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	180,000	177,300	198.8	35,248	23
Soybeans	132,500	131,600	55.1	7,257	13
Oats	(D)	(D)	(D)	(D)	(NA)

CARROLL COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	348,944	Market value of:	
Number of farms	1,074	all farm products (\$1,000)	572,966
Average farm size (acres)	325	all crops (\$1,000)	178,324
Principal operators, average age	56.7	all livestock (\$1,000)	394,642
Principal operators, male	1,082	Production expenses (\$1,000)	459,067
Principal operators, female	300	Hogs and pigs inventory (head)	749,482
Hay, all production (tons)	17,318	Chickens, layers inv (head)	811

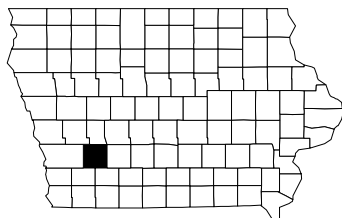
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	59,000	16
Beef cows	10,300	31
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	185,000	182,500	219.7	40,100	9
Soybeans	111,000	110,200	58.8	6,484	19
Oats	(D)	(D)	(D)	(D)	(NA)

CASS COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	284,752	Market value of:	
Number of farms	643	all farm products (\$1,000)	203,358
Average farm size (acres)	443	all crops (\$1,000)	115,787
Principal operators, average age	57.5	all livestock (\$1,000)	87,571
Principal operators, male	644	Production expenses (\$1,000)	166,538
Principal operators, female	205	Hogs and pigs inventory (head)	35,525
Hay, all production (tons)	39,566	Chickens, layers inv (head)	(D)

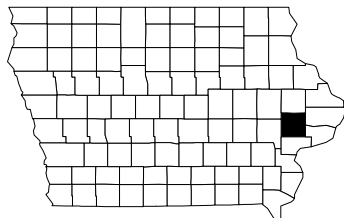
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	41,000	25T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	137,500	135,100	200.3	27,063	48
Soybeans	112,000	111,300	56.9	6,330	23
Oats	(D)	(D)	(D)	(D)	(NA)

CEDAR COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	340,387	Market value of:	
Number of farms	933	all farm products (\$1,000)	321,521
Average farm size (acres)	365	all crops (\$1,000)	187,999
Principal operators, average age	58.4	all livestock (\$1,000)	133,522
Principal operators, male	935	Production expenses (\$1,000)	262,170
Principal operators, female	363	Hogs and pigs inventory (head)	362,144
Hay, all production (tons)	26,497	Chickens, layers inv (head)	2,289

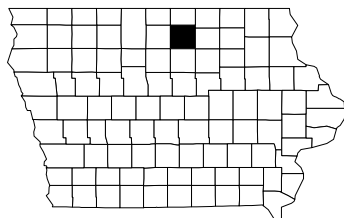
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	23,000	65T
Beef cows	8,100	40
Milk cows	200	39T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	158,500	156,400	193.7	30,291	41
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

CERRO GORDO COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	319,791	Market value of:	
Number of farms	760	all farm products (\$1,000)	226,637
Average farm size (acres)	421	all crops (\$1,000)	168,979
Principal operators, average age	57.5	all livestock (\$1,000)	57,659
Principal operators, male	729	Production expenses (\$1,000)	198,630
Principal operators, female	269	Hogs and pigs inventory (head)	124,086
Hay, all production (tons)	6,695	Chickens, layers inv (head)	718

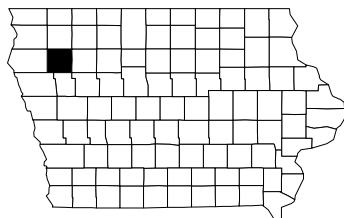
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	9,500	90
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	173,000	169,300	191.8	32,467	30
Soybeans	103,000	102,200	52.7	5,383	35
Oats	(D)	(D)	(D)	(D)	(NA)

CHEROKEE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	338,678	Market value of:	
Number of farms	863	all farm products (\$1,000)	387,127
Average farm size (acres)	392	all crops (\$1,000)	162,071
Principal operators, average age	56.7	all livestock (\$1,000)	225,056
Principal operators, male	909	Production expenses (\$1,000)	305,010
Principal operators, female	192	Hogs and pigs inventory (head)	259,035
Hay, all production (tons)	19,190	Chickens, layers inv (head)	329

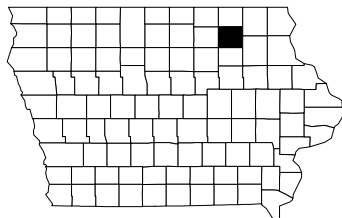
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	65,000	15
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	153,000	150,400	208.9	31,424	35
Soybeans	129,000	128,100	58.8	7,536	10
Oats	(D)	(D)	(D)	(D)	(NA)

CHICKASAW COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	293,096	Market value of:	
Number of farms	973	all farm products (\$1,000)	302,967
Average farm size (acres)	301	all crops (\$1,000)	148,092
Principal operators, average age	55.2	all livestock (\$1,000)	154,876
Principal operators, male	939	Production expenses (\$1,000)	252,058
Principal operators, female	316	Hogs and pigs inventory (head)	243,825
Hay, all production (tons)	23,228	Chickens, layers inv (head)	625

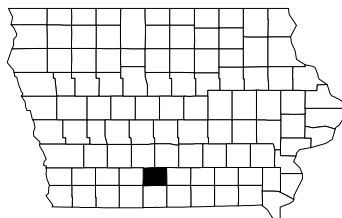
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	34,000	34
Beef cows	5,800	46
Milk cows	2,200	18

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	151,500	144,000	212.1	30,547	39
Soybeans	81,500	80,800	54.5	4,404	53
Oats	2,200	220	60.5	13.3	21

CLARKE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	192,845	Market value of:	
Number of farms	624	all farm products (\$1,000)	123,240
Average farm size (acres)	309	all crops (\$1,000)	21,414
Principal operators, average age	57.5	all livestock (\$1,000)	101,826
Principal operators, male	589	Production expenses (\$1,000)	115,913
Principal operators, female	271	Hogs and pigs inventory (head)	134,081
Hay, all production (tons)	51,925	Chickens, layers inv (head)	972

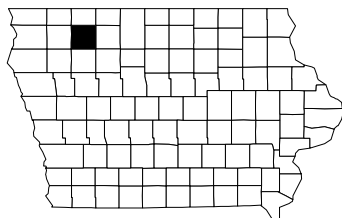
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	35,000	33
Beef cows	16,200	8
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

CLAY COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	329,109	Market value of:	
Number of farms	716	all farm products (\$1,000)	348,722
Average farm size (acres)	460	all crops (\$1,000)	163,609
Principal operators, average age	58.5	all livestock (\$1,000)	185,113
Principal operators, male	696	Production expenses (\$1,000)	273,578
Principal operators, female	251	Hogs and pigs inventory (head)	234,766
Hay, all production (tons)	13,370	Chickens, layers inv (head)	(D)

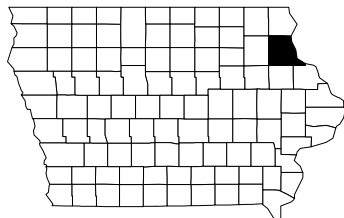
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	29,000	49T
Beef cows	4,900	51
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	151,000	136,600	185.5	25,344	51
Soybeans	115,000	113,500	50.9	5,775	27
Oats	(D)	(D)	(D)	(D)	(NA)

CLAYTON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	412,655	Market value of:	
Number of farms	1,525	all farm products (\$1,000)	364,249
Average farm size (acres)	271	all crops (\$1,000)	142,507
Principal operators, average age	56.4	all livestock (\$1,000)	221,742
Principal operators, male	1,483	Production expenses (\$1,000)	284,535
Principal operators, female	581	Hogs and pigs inventory (head)	280,418
Hay, all production (tons)	97,726	Chickens, layers inv (head)	14,152

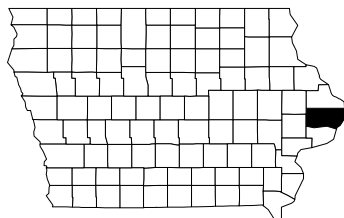
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	72,000	10
Beef cows	18,100	5
Milk cows	11,400	6

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	153,500	143,200	197.5	28,279	46
Soybeans	50,300	49,700	56.4	2,802	76
Oats	9,100	1,190	60.3	71.8	8

CLINTON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	402,733	Market value of:	
Number of farms	1,169	all farm products (\$1,000)	339,813
Average farm size (acres)	345	all crops (\$1,000)	210,340
Principal operators, average age	56.0	all livestock (\$1,000)	129,472
Principal operators, male	1,155	Production expenses (\$1,000)	282,716
Principal operators, female	378	Hogs and pigs inventory (head)	57,689
Hay, all production (tons)	43,599	Chickens, layers inv (head)	(D)

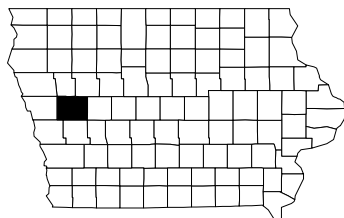
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	69,000	11
Beef cows	15,200	10T
Milk cows	3,500	15

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	189,000	178,300	196.1	34,965	26
Soybeans	109,500	108,600	59.5	6,458	20
Oats	3,600	990	64.4	63.8	9

CRAWFORD COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	439,773	Market value of:	
Number of farms	915	all farm products (\$1,000)	400,277
Average farm size (acres)	481	all crops (\$1,000)	221,363
Principal operators, average age	57.6	all livestock (\$1,000)	178,914
Principal operators, male	917	Production expenses (\$1,000)	322,849
Principal operators, female	292	Hogs and pigs inventory (head)	297,586
Hay, all production (tons)	43,050	Chickens, layers inv (head)	857

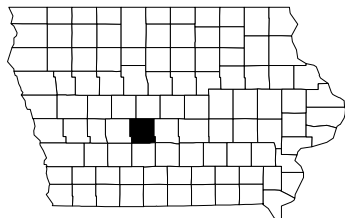
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	53,000	18
Beef cows	18,000	6
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	208,000	204,500	234.7	47,992	4
Soybeans	140,500	139,500	61.9	8,639	4
Oats	(D)	(D)	(D)	(D)	(NA)

DALLAS COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	293,435	Market value of:	
Number of farms	924	all farm products (\$1,000)	237,641
Average farm size (acres)	318	all crops (\$1,000)	143,768
Principal operators, average age	57.4	all livestock (\$1,000)	93,873
Principal operators, male	879	Production expenses (\$1,000)	192,277
Principal operators, female	389	Hogs and pigs inventory (head)	102,435
Hay, all production (tons)	14,337	Chickens, layers inv (head)	248,947

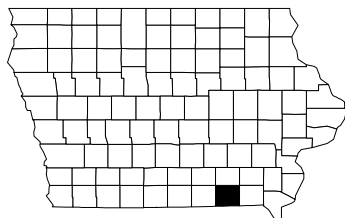
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	22,000	67T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	131,000	129,200	195.0	25,195	52
Soybeans	103,000	101,800	54.4	5,535	30
Oats	(D)	(D)	(D)	(D)	(NA)

DAVIS COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	198,596	Market value of:	
Number of farms	826	all farm products (\$1,000)	91,912
Average farm size (acres)	240	all crops (\$1,000)	28,465
Principal operators, average age	52.4	all livestock (\$1,000)	63,447
Principal operators, male	800	Production expenses (\$1,000)	84,800
Principal operators, female	297	Hogs and pigs inventory (head)	126,064
Hay, all production (tons)	42,567	Chickens, layers inv (head)	158,996

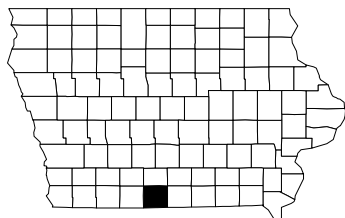
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	30,000	46
Beef cows	14,500	15
Milk cows	2,000	21

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	49,400	47,300	160.0	7,569	86
Soybeans	47,000	46,000	54.6	2,512	80
Oats	(D)	(D)	(D)	(D)	(NA)

DECATUR COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	236,134	Market value of:	
Number of farms	659	all farm products (\$1,000)	103,377
Average farm size (acres)	358	all crops (\$1,000)	35,812
Principal operators, average age	57.1	all livestock (\$1,000)	67,565
Principal operators, male	599	Production expenses (\$1,000)	98,094
Principal operators, female	290	Hogs and pigs inventory (head)	85,939
Hay, all production (tons)	46,235	Chickens, layers inv (head)	(D)

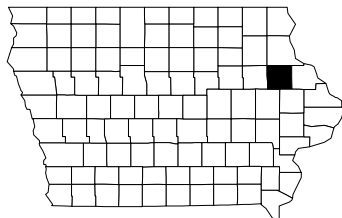
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	45,000	24
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

DELAWARE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	364,645	Market value of:	
Number of farms	1,331	all farm products (\$1,000)	534,550
Average farm size (acres)	274	all crops (\$1,000)	188,158
Principal operators, average age	55.1	all livestock (\$1,000)	346,393
Principal operators, male	1,340	Production expenses (\$1,000)	423,403
Principal operators, female	477	Hogs and pigs inventory (head)	364,768
Hay, all production (tons)	49,746	Chickens, layers inv (head)	905

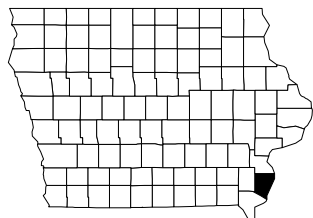
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	120,000	4
Beef cows	12,800	20
Milk cows	8,600	8

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	201,000	193,200	204.6	39,520	11
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

DES MOINES COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	174,662	Market value of:	
Number of farms	593	all farm products (\$1,000)	108,305
Average farm size (acres)	295	all crops (\$1,000)	87,473
Principal operators, average age	59.3	all livestock (\$1,000)	20,832
Principal operators, male	565	Production expenses (\$1,000)	87,023
Principal operators, female	195	Hogs and pigs inventory (head)	35,210
Hay, all production (tons)	10,181	Chickens, layers inv (head)	153

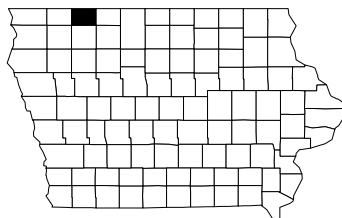
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	7,400	95
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	69,000	68,300	176.9	12,083	78
Soybeans	62,300	61,700	55.1	3,398	70
Oats	(D)	(D)	(D)	(D)	(NA)

DICKINSON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	187,273	Market value of:	
Number of farms	411	all farm products (\$1,000)	179,276
Average farm size (acres)	456	all crops (\$1,000)	88,291
Principal operators, average age	58.3	all livestock (\$1,000)	90,985
Principal operators, male	403	Production expenses (\$1,000)	138,042
Principal operators, female	123	Hogs and pigs inventory (head)	101,992
Hay, all production (tons)	7,850	Chickens, layers inv (head)	793

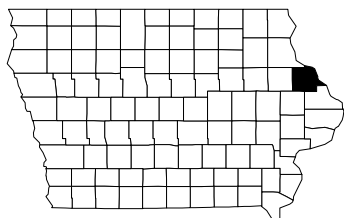
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	21,000	70
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	94,000	91,700	170.0	15,590	70
Soybeans	75,600	75,100	51.3	3,849	62
Oats	(D)	(D)	(D)	(D)	(NA)

DUBUQUE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	313,476	Market value of:	
Number of farms	1,402	all farm products (\$1,000)	440,085
Average farm size (acres)	224	all crops (\$1,000)	128,304
Principal operators, average age	53.9	all livestock (\$1,000)	311,781
Principal operators, male	1,492	Production expenses (\$1,000)	350,245
Principal operators, female	500	Hogs and pigs inventory (head)	140,922
Hay, all production (tons)	99,879	Chickens, layers inv (head)	1,991

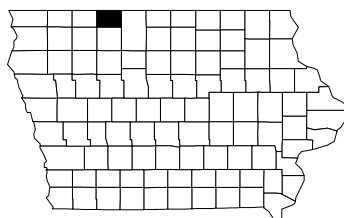
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	130,000	3
Beef cows	14,100	16T
Milk cows	21,500	3

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	151,000	141,300	216.4	30,573	38
Soybeans	36,500	36,100	60.2	2,173	81
Oats	12,000	1,350	64.2	86.7	5

EMMET COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	229,814	Market value of:	
Number of farms	488	all farm products (\$1,000)	234,921
Average farm size (acres)	471	all crops (\$1,000)	117,253
Principal operators, average age	58.4	all livestock (\$1,000)	117,668
Principal operators, male	512	Production expenses (\$1,000)	197,483
Principal operators, female	159	Hogs and pigs inventory (head)	146,105
Hay, all production (tons)	5,809	Chickens, layers inv (head)	(D)

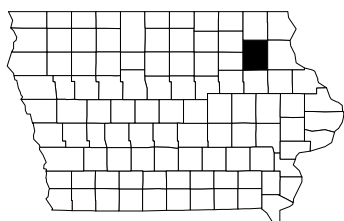
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	15,600	80T
Beef cows	5,500	47T
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

FAYETTE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	384,871	Market value of:	
Number of farms	1,265	all farm products (\$1,000)	372,873
Average farm size (acres)	304	all crops (\$1,000)	171,804
Principal operators, average age	57.9	all livestock (\$1,000)	201,069
Principal operators, male	1,193	Production expenses (\$1,000)	299,289
Principal operators, female	473	Hogs and pigs inventory (head)	232,096
Hay, all production (tons)	40,702	Chickens, layers inv (head)	(D)

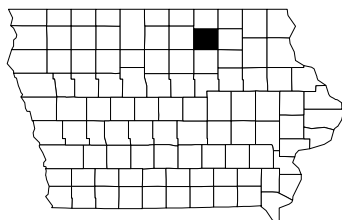
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	48,000	21
Beef cows	9,200	34
Milk cows	5,900	10

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	202,000	198,300	200.5	39,763	10
Soybeans	98,700	97,900	55.5	5,435	33
Oats	5,200	1,760	64.8	114	4

FLOYD COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	310,757	Market value of:	
Number of farms	917	all farm products (\$1,000)	281,044
Average farm size (acres)	339	all crops (\$1,000)	154,879
Principal operators, average age	55.6	all livestock (\$1,000)	126,165
Principal operators, male	953	Production expenses (\$1,000)	229,654
Principal operators, female	274	Hogs and pigs inventory (head)	237,115
Hay, all production (tons)	12,106	Chickens, layers inv (head)	91,452

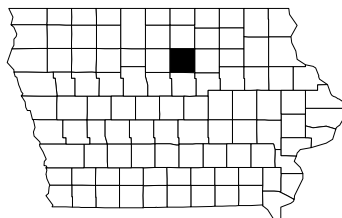
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	25,500	56T
Beef cows	4,000	58
Milk cows	1,600	23T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	144,000	137,900	202.9	27,983	47
Soybeans	90,200	89,500	54.3	4,857	45
Oats	(D)	(D)	(D)	(D)	(NA)

FRANKLIN COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	349,217	Market value of:	
Number of farms	835	all farm products (\$1,000)	382,726
Average farm size (acres)	418	all crops (\$1,000)	191,024
Principal operators, average age	58.4	all livestock (\$1,000)	191,702
Principal operators, male	791	Production expenses (\$1,000)	319,976
Principal operators, female	294	Hogs and pigs inventory (head)	443,716
Hay, all production (tons)	6,092	Chickens, layers inv (head)	617

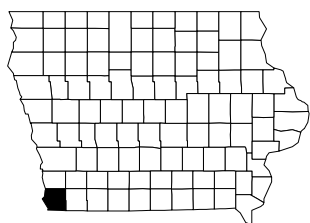
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	10,100	89
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	207,500	205,000	202.7	41,559	8
Soybeans	99,300	98,500	54.1	5,326	39
Oats	(D)	(D)	(D)	(D)	(NA)

FREMONT COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	274,248	Market value of:	
Number of farms	527	all farm products (\$1,000)	150,747
Average farm size (acres)	520	all crops (\$1,000)	130,776
Principal operators, average age	59.3	all livestock (\$1,000)	19,970
Principal operators, male	501	Production expenses (\$1,000)	115,618
Principal operators, female	206	Hogs and pigs inventory (head)	8,762
Hay, all production (tons)	9,570	Chickens, layers inv (head)	550

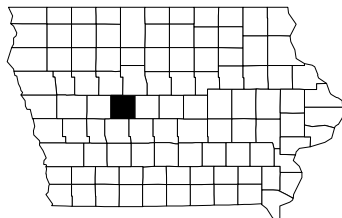
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	13,300	85
Beef cows	3,500	63
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

GREENE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	351,286	Market value of:	
Number of farms	700	all farm products (\$1,000)	299,448
Average farm size (acres)	502	all crops (\$1,000)	174,491
Principal operators, average age	59.4	all livestock (\$1,000)	124,957
Principal operators, male	703	Production expenses (\$1,000)	246,845
Principal operators, female	228	Hogs and pigs inventory (head)	317,646
Hay, all production (tons)	11,077	Chickens, layers inv (head)	1,315

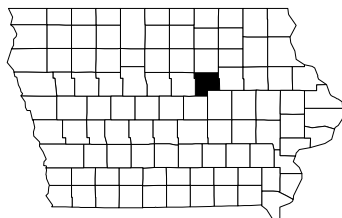
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	19,100	75
Beef cows	4,600	54T
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	176,500	174,900	201.4	35,220	24
Soybeans	119,500	118,700	54.2	6,432	22
Oats	900	190	47.9	9.10	22

GRUNDY COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	308,030	Market value of:	
Number of farms	760	all farm products (\$1,000)	266,709
Average farm size (acres)	405	all crops (\$1,000)	188,726
Principal operators, average age	58.7	all livestock (\$1,000)	77,983
Principal operators, male	758	Production expenses (\$1,000)	225,148
Principal operators, female	225	Hogs and pigs inventory (head)	153,291
Hay, all production (tons)	5,663	Chickens, layers inv (head)	631

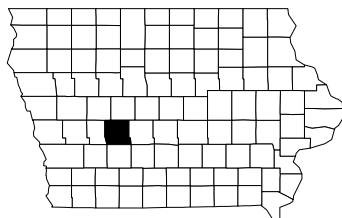
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	27,500	54
Beef cows	3,900	59T
Milk cows	600	31T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	167,500	166,000	209.8	34,825	27
Soybeans	115,000	114,200	56.3	6,435	21
Oats	(D)	(D)	(D)	(D)	(NA)

GUTHRIE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	332,211	Market value of:	
Number of farms	802	all farm products (\$1,000)	277,093
Average farm size (acres)	414	all crops (\$1,000)	123,915
Principal operators, average age	58.4	all livestock (\$1,000)	103,178
Principal operators, male	759	Production expenses (\$1,000)	179,698
Principal operators, female	385	Hogs and pigs inventory (head)	69,856
Hay, all production (tons)	47,199	Chickens, layers inv (head)	(D)

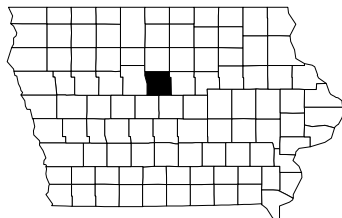
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	31,500	40T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	113,000	111,100	196.7	21,849	57
Soybeans	88,800	88,200	54.2	4,779	48
Oats	2,100	70	58.6	4.10	25

HAMILTON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	315,307	Market value of:	
Number of farms	732	all farm products (\$1,000)	586,788
Average farm size (acres)	431	all crops (\$1,000)	168,467
Principal operators, average age	58.4	all livestock (\$1,000)	418,321
Principal operators, male	730	Production expenses (\$1,000)	466,023
Principal operators, female	256	Hogs and pigs inventory (head)	1,011,344
Hay, all production (tons)	5,063	Chickens, layers inv (head)	754

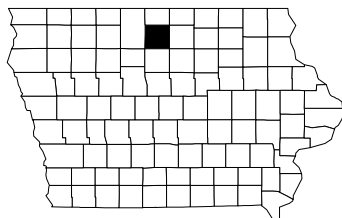
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	2,500	99
Beef cows	1,500	70
Milk cows	200	39T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	195,500	194,000	198.2	38,454	13
Soybeans	111,000	110,200	51.4	5,668	28
Oats	(D)	(D)	(D)	(D)	(NA)

HANCOCK COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	345,431	Market value of:	
Number of farms	801	all farm products (\$1,000)	422,596
Average farm size (acres)	431	all crops (\$1,000)	188,950
Principal operators, average age	59.5	all livestock (\$1,000)	233,646
Principal operators, male	770	Production expenses (\$1,000)	344,933
Principal operators, female	249	Hogs and pigs inventory (head)	415,853
Hay, all production (tons)	7,032	Chickens, layers inv (head)	(D)

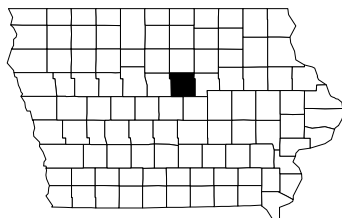
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	9,300	91
Beef cows	2,500	66T
Milk cows	200	39T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	198,000	195,400	193.3	37,779	15
Soybeans	108,000	107,100	49.6	5,309	41
Oats	(D)	(D)	(D)	(D)	(NA)

HARDIN COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	336,611	Market value of:	
Number of farms	837	all farm products (\$1,000)	484,609
Average farm size (acres)	402	all crops (\$1,000)	189,174
Principal operators, average age	57.3	all livestock (\$1,000)	295,435
Principal operators, male	822	Production expenses (\$1,000)	384,956
Principal operators, female	284	Hogs and pigs inventory (head)	628,945
Hay, all production (tons)	15,093	Chickens, layers inv (head)	(D)

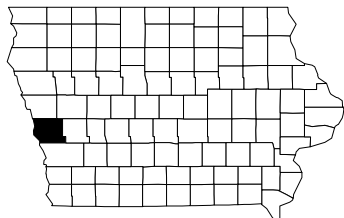
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	36,500	31
Beef cows	8,800	36
Milk cows	100	47T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	197,000	195,200	200.2	39,081	12
Soybeans	87,200	86,600	53.9	4,665	50
Oats	(D)	(D)	(D)	(D)	(NA)

HARRISON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	379,592	Market value of:	
Number of farms	794	all farm products (\$1,000)	216,201
Average farm size (acres)	478	all crops (\$1,000)	175,304
Principal operators, average age	58.1	all livestock (\$1,000)	40,897
Principal operators, male	804	Production expenses (\$1,000)	184,092
Principal operators, female	273	Hogs and pigs inventory (head)	42,988
Hay, all production (tons)	17,000	Chickens, layers inv (head)	582

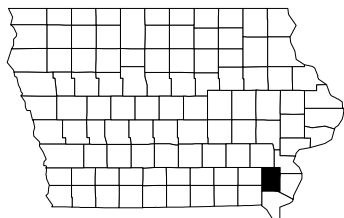
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	25,500	56T
Beef cows	9,800	32
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

HENRY COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	261,841	Market value of:	
Number of farms	908	all farm products (\$1,000)	177,825
Average farm size (acres)	288	all crops (\$1,000)	104,539
Principal operators, average age	59.8	all livestock (\$1,000)	73,286
Principal operators, male	855	Production expenses (\$1,000)	138,102
Principal operators, female	375	Hogs and pigs inventory (head)	149,282
Hay, all production (tons)	17,533	Chickens, layers inv (head)	1,342

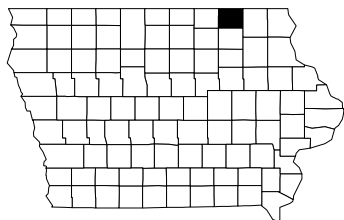
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	16,900	77
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	76,200	74,900	164.5	12,324	77
Soybeans	68,800	68,200	56.9	3,883	60
Oats	(D)	(D)	(D)	(D)	(NA)

HOWARD COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	299,175	Market value of:	
Number of farms	879	all farm products (\$1,000)	284,994
Average farm size (acres)	340	all crops (\$1,000)	148,404
Principal operators, average age	55.7	all livestock (\$1,000)	136,590
Principal operators, male	863	Production expenses (\$1,000)	235,227
Principal operators, female	319	Hogs and pigs inventory (head)	319,079
Hay, all production (tons)	22,785	Chickens, layers inv (head)	6,777

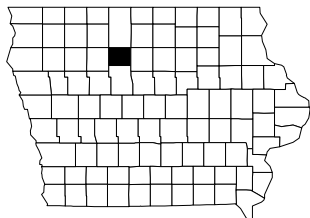
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	32,500	37
Beef cows	4,800	52T
Milk cows	3,100	16

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	134,000	128,200	194.2	24,893	53
Soybeans	81,500	81,000	52.1	4,222	55
Oats	(D)	(D)	(D)	(D)	(NA)

HUMBOLDT COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	239,534	Market value of:	
Number of farms	572	all farm products (\$1,000)	180,894
Average farm size (acres)	419	all crops (\$1,000)	125,501
Principal operators, average age	58.3	all livestock (\$1,000)	55,393
Principal operators, male	539	Production expenses (\$1,000)	140,142
Principal operators, female	208	Hogs and pigs inventory (head)	129,013
Hay, all production (tons)	4,622	Chickens, layers inv (head)	350,216

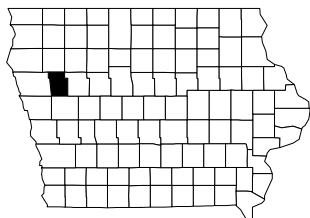
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	11,100	88
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	137,000	134,200	198.7	26,668	49
Soybeans	100,500	99,700	54.9	5,469	32
Oats	(D)	(D)	(D)	(D)	(NA)

IDA COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	263,097	Market value of:	
Number of farms	525	all farm products (\$1,000)	222,788
Average farm size (acres)	501	all crops (\$1,000)	141,001
Principal operators, average age	57.5	all livestock (\$1,000)	81,787
Principal operators, male	549	Production expenses (\$1,000)	187,294
Principal operators, female	210	Hogs and pigs inventory (head)	58,731
Hay, all production (tons)	30,009	Chickens, layers inv (head)	197

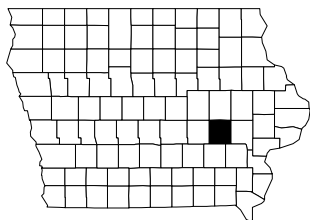
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	49,000	20
Beef cows	7,700	41
Milk cows	1,300	26

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

IOWA COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	346,569	Market value of:	
Number of farms	970	all farm products (\$1,000)	227,902
Average farm size (acres)	357	all crops (\$1,000)	140,410
Principal operators, average age	58.7	all livestock (\$1,000)	87,492
Principal operators, male	917	Production expenses (\$1,000)	189,877
Principal operators, female	341	Hogs and pigs inventory (head)	127,817
Hay, all production (tons)	45,008	Chickens, layers inv (head)	1,437

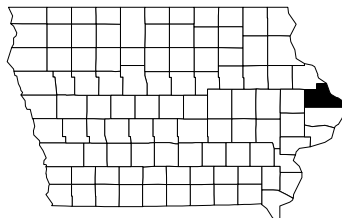
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	38,500	30
Beef cows	13,300	18
Milk cows	200	39T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	115,500	110,800	190.6	21,117	61
Soybeans	94,500	92,800	52.3	4,850	47
Oats	(D)	(D)	(D)	(D)	(NA)

JACKSON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	315,748	Market value of:	
Number of farms	1,107	all farm products (\$1,000)	264,062
Average farm size (acres)	285	all crops (\$1,000)	99,043
Principal operators, average age	56.9	all livestock (\$1,000)	165,020
Principal operators, male	1,090	Production expenses (\$1,000)	218,676
Principal operators, female	398	Hogs and pigs inventory (head)	51,628
Hay, all production (tons)	95,783	Chickens, layers inv (head)	203,332

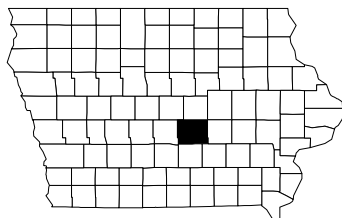
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	96,000	6
Beef cows	23,000	2
Milk cows	4,400	12

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	119,500	110,000	185.5	20,402	64
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

JASPER COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	378,175	Market value of:	
Number of farms	986	all farm products (\$1,000)	252,805
Average farm size (acres)	384	all crops (\$1,000)	178,754
Principal operators, average age	58.0	all livestock (\$1,000)	74,051
Principal operators, male	955	Production expenses (\$1,000)	198,119
Principal operators, female	351	Hogs and pigs inventory (head)	181,587
Hay, all production (tons)	34,678	Chickens, layers inv (head)	1,447

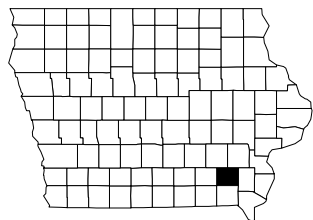
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	25,000	60T
Beef cows	8,700	37T
Milk cows	400	35T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	181,000	179,400	209.3	37,550	16
Soybeans	134,500	133,600	56.5	7,553	9
Oats	3,300	350	61.1	21.4	16

JEFFERSON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	205,904	Market value of:	
Number of farms	636	all farm products (\$1,000)	108,568
Average farm size (acres)	324	all crops (\$1,000)	67,941
Principal operators, average age	59.5	all livestock (\$1,000)	40,627
Principal operators, male	630	Production expenses (\$1,000)	95,045
Principal operators, female	265	Hogs and pigs inventory (head)	82,713
Hay, all production (tons)	15,174	Chickens, layers inv (head)	20,907

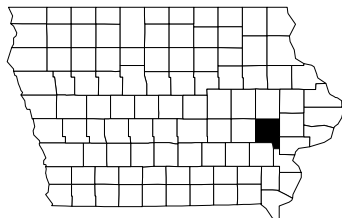
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	13,000	86
Beef cows	4,800	52T
Milk cows	100	47T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	70,700	69,500	162.7	11,307	81
Soybeans	64,900	64,200	53.3	3,422	69
Oats	(D)	(D)	(D)	(D)	(NA)

JOHNSON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	304,239	Market value of:	
Number of farms	1,257	all farm products (\$1,000)	219,619
Average farm size (acres)	242	all crops (\$1,000)	143,351
Principal operators, average age	57.5	all livestock (\$1,000)	76,268
Principal operators, male	1,224	Production expenses (\$1,000)	178,333
Principal operators, female	495	Hogs and pigs inventory (head)	90,685
Hay, all production (tons)	38,653	Chickens, layers inv (head)	204,387

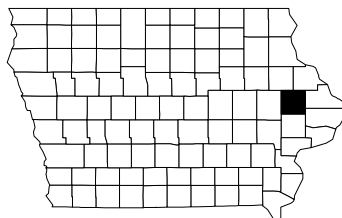
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	28,500	51T
Beef cows	10,900	30
Milk cows	1,800	22

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	103,500	101,900	181.3	18,478	68
Soybeans	85,400	84,800	55.5	4,707	49
Oats	2,000	1,360	54.2	73.7	7

JONES COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	343,688	Market value of:	
Number of farms	1,110	all farm products (\$1,000)	287,999
Average farm size (acres)	310	all crops (\$1,000)	156,475
Principal operators, average age	56.2	all livestock (\$1,000)	131,523
Principal operators, male	1,072	Production expenses (\$1,000)	235,828
Principal operators, female	422	Hogs and pigs inventory (head)	108,671
Hay, all production (tons)	50,191	Chickens, layers inv (head)	1,317

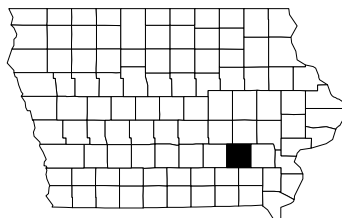
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	66,000	14
Beef cows	15,700	9
Milk cows	1,400	25

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	153,500	148,400	203.0	30,121	42
Soybeans	68,400	67,600	57.2	3,868	61
Oats	3,600	560	64.3	36.0	13

KEOKUK COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	318,213	Market value of:	
Number of farms	927	all farm products (\$1,000)	216,277
Average farm size (acres)	343	all crops (\$1,000)	112,540
Principal operators, average age	57.8	all livestock (\$1,000)	103,737
Principal operators, male	930	Production expenses (\$1,000)	168,678
Principal operators, female	331	Hogs and pigs inventory (head)	231,654
Hay, all production (tons)	36,460	Chickens, layers inv (head)	(D)

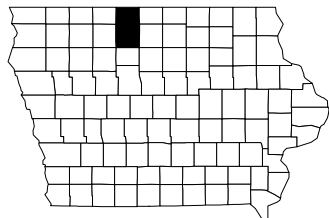
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	29,500	47T
Beef cows	12,700	21
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	123,500	119,800	175.5	21,020	62
Soybeans	67,000	95,900	55.8	5,354	38
Oats	(D)	(D)	(D)	(D)	(NA)

KOSSUTH COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	593,983	Market value of:	
Number of farms	1,347	all farm products (\$1,000)	588,054
Average farm size (acres)	441	all crops (\$1,000)	319,352
Principal operators, average age	56.4	all livestock (\$1,000)	268,702
Principal operators, male	1,373	Production expenses (\$1,000)	467,587
Principal operators, female	349	Hogs and pigs inventory (head)	596,118
Hay, all production (tons)	9,220	Chickens, layers inv (head)	2,986

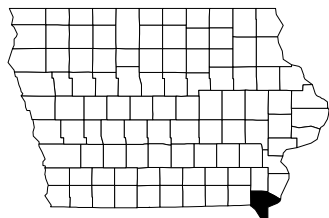
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	25,500	56T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	315,000	310,000	198.7	61,593	1
Soybeans	204,500	203,000	57.4	11,656	1
Oats	4,600	4,130	52.1	215	1

LEE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	220,410	Market value of:	
Number of farms	837	all farm products (\$1,000)	122,691
Average farm size (acres)	263	all crops (\$1,000)	75,179
Principal operators, average age	58.0	all livestock (\$1,000)	47,513
Principal operators, male	808	Production expenses (\$1,000)	103,905
Principal operators, female	322	Hogs and pigs inventory (head)	98,127
Hay, all production (tons)	32,243	Chickens, layers inv (head)	1,322

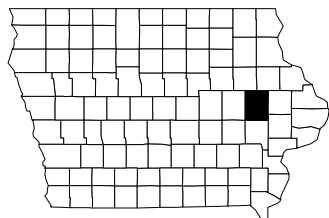
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	19,600	73T
Beef cows	8,200	39
Milk cows	600	31T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	71,300	70,000	172.5	12,076	79
Soybeans	68,100	67,500	54.8	3,696	66
Oats	(D)	(D)	(D)	(D)	(NA)

LINN COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	324,507	Market value of:	
Number of farms	1,374	all farm products (\$1,000)	218,760
Average farm size (acres)	236	all crops (\$1,000)	161,954
Principal operators, average age	57.5	all livestock (\$1,000)	56,806
Principal operators, male	1,299	Production expenses (\$1,000)	187,423
Principal operators, female	607	Hogs and pigs inventory (head)	67,026
Hay, all production (tons)	35,416	Chickens, layers inv (head)	2,167

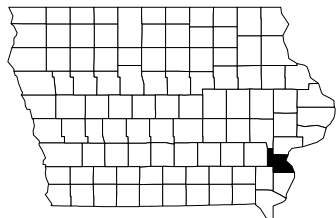
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	30,500	43T
Beef cows	12,300	23
Milk cows	1,200	27

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	155,500	153,500	223.7	34,338	28
Soybeans	96,300	95,600	56.5	5,401	34
Oats	2,500	900	66.1	59.5	11

LOUISA COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	190,019	Market value of:	
Number of farms	576	all farm products (\$1,000)	205,855
Average farm size (acres)	330	all crops (\$1,000)	93,408
Principal operators, average age	58.7	all livestock (\$1,000)	112,447
Principal operators, male	562	Production expenses (\$1,000)	150,501
Principal operators, female	199	Hogs and pigs inventory (head)	272,771
Hay, all production (tons)	7,406	Chickens, layers inv (head)	943

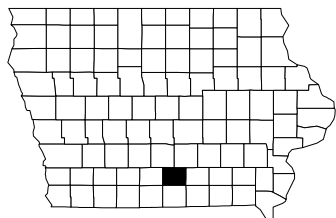
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	5,600	97
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	78,800	77,800	174.6	13,587	75
Soybeans	66,100	65,000	54.3	3,531	68
Oats	(D)	(D)	(D)	(D)	(NA)

LUCAS COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	175,437	Market value of:	
Number of farms	567	all farm products (\$1,000)	50,113
Average farm size (acres)	309	all crops (\$1,000)	22,710
Principal operators, average age	56.8	all livestock (\$1,000)	27,403
Principal operators, male	520	Production expenses (\$1,000)	51,154
Principal operators, female	285	Hogs and pigs inventory (head)	44,499
Hay, all production (tons)	54,097	Chickens, layers inv (head)	1,730

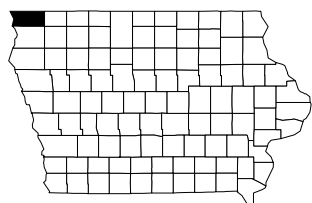
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	32,000	38T
Beef cows	17,300	7
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

LYON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	346,280	Market value of:	
Number of farms	1,122	all farm products (\$1,000)	923,573
Average farm size (acres)	309	all crops (\$1,000)	190,522
Principal operators, average age	52.0	all livestock (\$1,000)	733,050
Principal operators, male	1,172	Production expenses (\$1,000)	711,796
Principal operators, female	310	Hogs and pigs inventory (head)	1,072,839
Hay, all production (tons)	18,777	Chickens, layers inv (head)	(D)

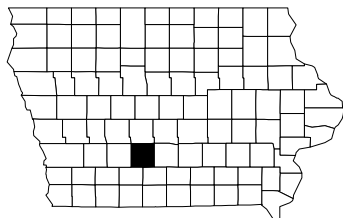
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	190,000	2
Beef cows	13,200	19
Milk cows	10,100	7

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	189,000	164,200	186.6	30,632	37
Soybeans	111,500	110,600	54.8	6,063	25
Oats	800	360	69.2	24.9	15

MADISON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	217,017	Market value of:	
Number of farms	977	all farm products (\$1,000)	119,320
Average farm size (acres)	277	all crops (\$1,000)	71,608
Principal operators, average age	57.1	all livestock (\$1,000)	47,712
Principal operators, male	936	Production expenses (\$1,000)	108,411
Principal operators, female	436	Hogs and pigs inventory (head)	29,409
Hay, all production (tons)	48,795	Chickens, layers inv (head)	(D)

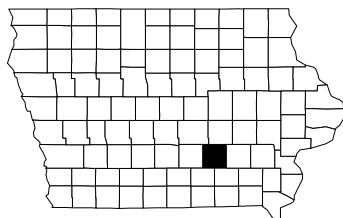
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	28,000	53
Beef cows	15,200	10T
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	67,700	67,000	175.7	11,772	80
Soybeans	68,500	67,700	52.3	3,538	67
Oats	(D)	(D)	(D)	(D)	(NA)

MAHASKA COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	311,136	Market value of:	
Number of farms	943	all farm products (\$1,000)	280,738
Average farm size (acres)	330	all crops (\$1,000)	121,758
Principal operators, average age	57.2	all livestock (\$1,000)	158,980
Principal operators, male	929	Production expenses (\$1,000)	232,550
Principal operators, female	337	Hogs and pigs inventory (head)	326,421
Hay, all production (tons)	27,406	Chickens, layers inv (head)	(D)

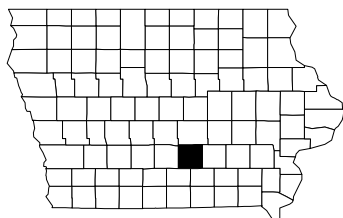
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	31,000	42
Beef cows	8,900	35
Milk cows	200	39T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	131,500	128,300	189.9	24,364	54
Soybeans	100,500	99,100	53.7	5,324	40
Oats	(D)	(D)	(D)	(D)	(NA)

MARION COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	255,013	Market value of:	
Number of farms	1,030	all farm products (\$1,000)	110,599
Average farm size (acres)	248	all crops (\$1,000)	84,162
Principal operators, average age	57.1	all livestock (\$1,000)	26,437
Principal operators, male	994	Production expenses (\$1,000)	100,469
Principal operators, female	434	Hogs and pigs inventory (head)	29,260
Hay, all production (tons)	31,819	Chickens, layers inv (head)	2,418

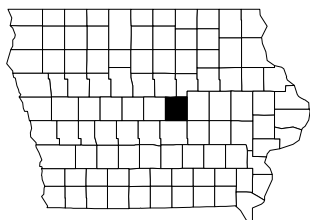
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	27,000	55
Beef cows	11,000	29
Milk cows	400	35T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	75,400	73,300	170.7	12,515	76
Soybeans	70,100	69,400	54.0	3,746	65
Oats	(D)	(D)	(D)	(D)	(NA)

MARSHALL COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	316,451	Market value of:	
Number of farms	886	all farm products (\$1,000)	266,035
Average farm size (acres)	357	all crops (\$1,000)	175,281
Principal operators, average age	57.8	all livestock (\$1,000)	90,754
Principal operators, male	890	Production expenses (\$1,000)	222,052
Principal operators, female	353	Hogs and pigs inventory (head)	177,646
Hay, all production (tons)	16,549	Chickens, layers inv (head)	2,041

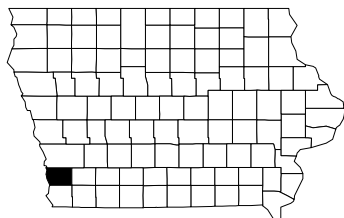
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	31,500	40T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	156,500	149,000	221.9	33,070	29
Soybeans	114,500	113,700	60.6	6,894	17
Oats	(D)	(D)	(D)	(D)	(NA)

MILLS COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	207,505	Market value of:	
Number of farms	520	all farm products (\$1,000)	98,771
Average farm size (acres)	399	all crops (\$1,000)	96,648
Principal operators, average age	58.7	all livestock (\$1,000)	2,123
Principal operators, male	538	Production expenses (\$1,000)	78,173
Principal operators, female	224	Hogs and pigs inventory (head)	718
Hay, all production (tons)	7,406	Chickens, layers inv (head)	694

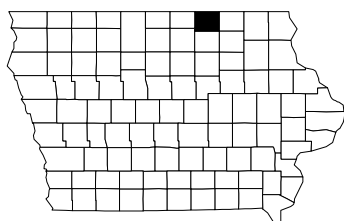
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	3,600	98
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	84,300	83,300	202.9	16,899	69
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

MITCHELL COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	289,250	Market value of:	
Number of farms	789	all farm products (\$1,000)	315,910
Average farm size (acres)	367	all crops (\$1,000)	150,772
Principal operators, average age	54.2	all livestock (\$1,000)	165,138
Principal operators, male	828	Production expenses (\$1,000)	255,246
Principal operators, female	205	Hogs and pigs inventory (head)	193,229
Hay, all production (tons)	12,933	Chickens, layers inv (head)	204,613

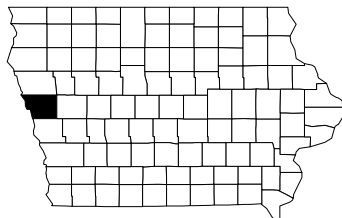
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	55,000	17
Beef cows	5,000	50
Milk cows	3,700	14

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	155,000	149,700	194.5	29,116	45
Soybeans	77,500	76,900	49.8	3,828	63
Oats	(D)	(D)	(D)	(D)	(NA)

MONONA COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	333,858	Market value of:	
Number of farms	619	all farm products (\$1,000)	192,626
Average farm size (acres)	539	all crops (\$1,000)	154,271
Principal operators, average age	59.8	all livestock (\$1,000)	38,355
Principal operators, male	580	Production expenses (\$1,000)	160,392
Principal operators, female	208	Hogs and pigs inventory (head)	25,518
Hay, all production (tons)	22,970	Chickens, layers inv (head)	227

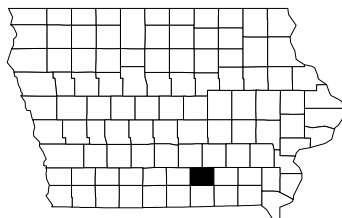
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	25,500	56T
Beef cows	6,900	43
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	174,500	172,400	203.9	35,148	25
Soybeans	128,000	126,600	55.8	7,058	16
Oats	(D)	(D)	(D)	(D)	(NA)

MONROE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	193,082	Market value of:	
Number of farms	618	all farm products (\$1,000)	61,621
Average farm size (acres)	312	all crops (\$1,000)	29,583
Principal operators, average age	57.7	all livestock (\$1,000)	32,038
Principal operators, male	599	Production expenses (\$1,000)	55,259
Principal operators, female	272	Hogs and pigs inventory (head)	29,401
Hay, all production (tons)	51,378	Chickens, layers inv (head)	522

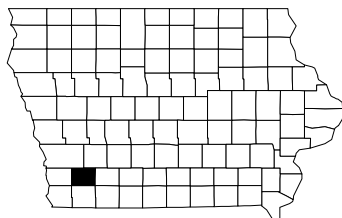
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	32,000	38T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	26,400	25,400	162.3	4,122	88
Soybeans	26,200	25,900	56.1	1,454	82
Oats	(D)	(D)	(D)	(D)	(NA)

MONTGOMERY COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	244,890	Market value of:	
Number of farms	516	all farm products (\$1,000)	155,732
Average farm size (acres)	475	all crops (\$1,000)	111,554
Principal operators, average age	58.8	all livestock (\$1,000)	44,178
Principal operators, male	537	Production expenses (\$1,000)	140,985
Principal operators, female	157	Hogs and pigs inventory (head)	33,784
Hay, all production (tons)	19,401	Chickens, layers inv (head)	(D)

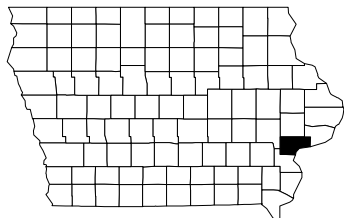
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	23,000	65T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	93,200	92,300	204.8	18,902	67
Soybeans	87,800	87,300	58.3	5,090	44
Oats	(D)	(D)	(D)	(D)	(NA)

MUSCATINE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	219,283	Market value of:	
Number of farms	714	all farm products (\$1,000)	185,382
Average farm size (acres)	307	all crops (\$1,000)	103,356
Principal operators, average age	59.7	all livestock (\$1,000)	82,026
Principal operators, male	677	Production expenses (\$1,000)	145,759
Principal operators, female	267	Hogs and pigs inventory (head)	85,437
Hay, all production (tons)	19,423	Chickens, layers inv (head)	120,657

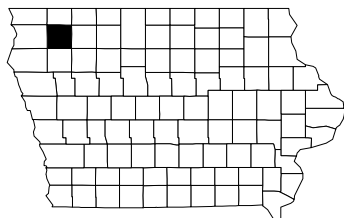
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	14,600	83
Beef cows	5,500	47T
Milk cows	100	47T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	86,500	83,800	173.2	14,511	73
Soybeans	68,800	68,300	55.2	3,771	64
Oats	(D)	(D)	(D)	(D)	(NA)

O'BRIEN COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	314,245	Market value of:	
Number of farms	876	all farm products (\$1,000)	501,153
Average farm size (acres)	359	all crops (\$1,000)	177,787
Principal operators, average age	56.8	all livestock (\$1,000)	323,366
Principal operators, male	900	Production expenses (\$1,000)	405,480
Principal operators, female	222	Hogs and pigs inventory (head)	504,353
Hay, all production (tons)	11,077	Chickens, layers inv (head)	(D)

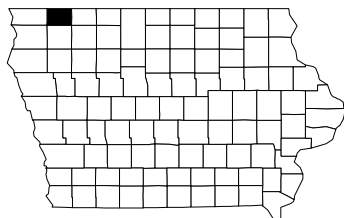
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	67,000	12T
Beef cows	6,800	44T
Milk cows	8,400	9

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	178,000	146,100	204.9	29,936	43
Soybeans	132,000	131,100	56.0	7,344	11
Oats	700	330	59.7	19.7	17

OSCEOLA COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	234,824	Market value of:	
Number of farms	591	all farm products (\$1,000)	458,965
Average farm size (acres)	397	all crops (\$1,000)	125,595
Principal operators, average age	55.4	all livestock (\$1,000)	333,370
Principal operators, male	601	Production expenses (\$1,000)	367,434
Principal operators, female	137	Hogs and pigs inventory (head)	444,795
Hay, all production (tons)	5,404	Chickens, layers inv (head)	(D)

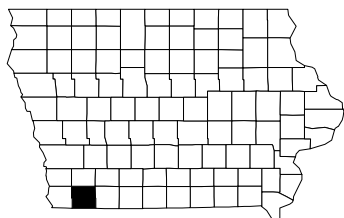
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	46,500	22T
Beef cows	3,900	59T
Milk cows	5,500	11

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	121,000	117,300	182.5	21,403	60
Soybeans	91,000	90,200	50.5	4,551	52
Oats	500	100	48.0	4.80	24

PAGE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	325,450	Market value of:	
Number of farms	715	all farm products (\$1,000)	168,066
Average farm size (acres)	455	all crops (\$1,000)	134,674
Principal operators, average age	58.3	all livestock (\$1,000)	33,392
Principal operators, male	705	Production expenses (\$1,000)	131,659
Principal operators, female	232	Hogs and pigs inventory (head)	21,500
Hay, all production (tons)	30,262	Chickens, layers inv (head)	238

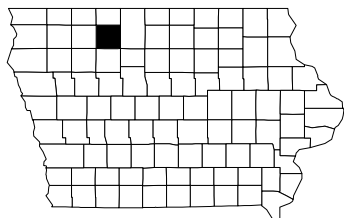
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	30,500	43T
Beef cows	11,600	25
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	113,500	112,200	191.4	21,471	59
Soybeans	110,500	109,700	55.9	6,136	24
Oats	(D)	(D)	(D)	(D)	(NA)

PALO ALTO COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	342,027	Market value of:	
Number of farms	785	all farm products (\$1,000)	468,328
Average farm size (acres)	436	all crops (\$1,000)	182,099
Principal operators, average age	57.8	all livestock (\$1,000)	286,229
Principal operators, male	784	Production expenses (\$1,000)	387,788
Principal operators, female	227	Hogs and pigs inventory (head)	551,431
Hay, all production (tons)	7,520	Chickens, layers inv (head)	(D)

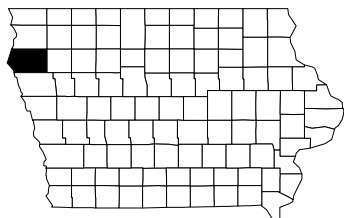
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	24,000	63T
Beef cows	2,600	65
Milk cows	200	39T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	163,000	158,300	198.3	31,397	36
Soybeans	108,000	107,200	55.6	5,955	26
Oats	(D)	(D)	(D)	(D)	(NA)

PLYMOUTH COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	503,438	Market value of:	
Number of farms	1,219	all farm products (\$1,000)	738,200
Average farm size (acres)	413	all crops (\$1,000)	250,275
Principal operators, average age	55.7	all livestock (\$1,000)	487,925
Principal operators, male	1,290	Production expenses (\$1,000)	602,507
Principal operators, female	278	Hogs and pigs inventory (head)	924,340
Hay, all production (tons)	27,427	Chickens, layers inv (head)	1,160

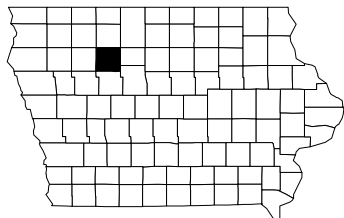
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	110,000	5
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	236,500	231,000	217.8	50,320	2
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	1,800	430	71.2	30.6	14

POCAHONTAS COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	329,401	Market value of:	
Number of farms	730	all farm products (\$1,000)	356,010
Average farm size (acres)	451	all crops (\$1,000)	171,795
Principal operators, average age	59.7	all livestock (\$1,000)	184,214
Principal operators, male	741	Production expenses (\$1,000)	274,862
Principal operators, female	192	Hogs and pigs inventory (head)	398,820
Hay, all production (tons)	5,052	Chickens, layers inv (head)	(D)

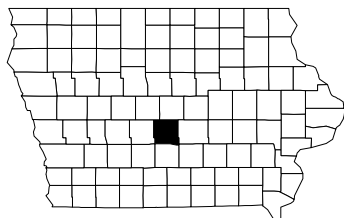
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	15,600	80T
Beef cows	1,700	69
Milk cows	2,100	19T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

POLK COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	193,780	Market value of:	
Number of farms	755	all farm products (\$1,000)	110,888
Average farm size (acres)	257	all crops (\$1,000)	97,742
Principal operators, average age	58.3	all livestock (\$1,000)	13,147
Principal operators, male	689	Production expenses (\$1,000)	94,523
Principal operators, female	368	Hogs and pigs inventory (head)	(D)
Hay, all production (tons)	14,748	Chickens, layers inv (head)	2,350

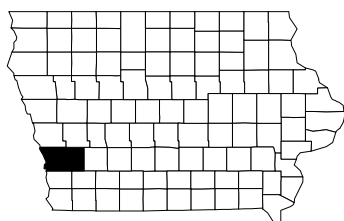
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	8,500	92
Beef cows	2,800	64
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	79,000	77,900	196.7	15,320	72
Soybeans	63,300	62,800	51.0	3,201	73
Oats	(D)	(D)	(D)	(D)	(NA)

POTTAWATTAMIE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	511,714	Market value of:	
Number of farms	1,114	all farm products (\$1,000)	409,257
Average farm size (acres)	459	all crops (\$1,000)	285,817
Principal operators, average age	58.2	all livestock (\$1,000)	123,440
Principal operators, male	1,101	Production expenses (\$1,000)	316,836
Principal operators, female	399	Hogs and pigs inventory (head)	86,266
Hay, all production (tons)	23,075	Chickens, layers inv (head)	1,444

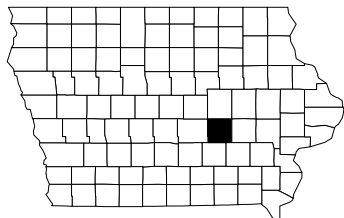
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	73,000	9
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	236,500	232,000	208.0	48,253	3
Soybeans	184,500	183,200	58.5	10,710	2
Oats	(D)	(D)	(D)	(D)	(NA)

POWESHIEK COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	339,589	Market value of:	
Number of farms	852	all farm products (\$1,000)	314,513
Average farm size (acres)	399	all crops (\$1,000)	150,792
Principal operators, average age	58.8	all livestock (\$1,000)	163,722
Principal operators, male	837	Production expenses (\$1,000)	249,085
Principal operators, female	301	Hogs and pigs inventory (head)	91,902
Hay, all production (tons)	43,953	Chickens, layers inv (head)	(D)

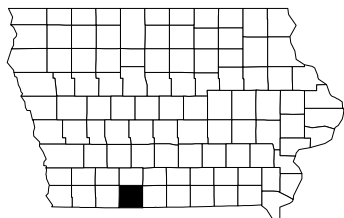
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	33,000	36
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	154,500	152,100	200.3	30,467	40
Soybeans	106,500	105,800	53.4	5,649	29
Oats	(D)	(D)	(D)	(D)	(NA)

RINGGOLD COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	303,198	Market value of:	
Number of farms	675	all farm products (\$1,000)	121,442
Average farm size (acres)	449	all crops (\$1,000)	50,098
Principal operators, average age	57.8	all livestock (\$1,000)	71,344
Principal operators, male	642	Production expenses (\$1,000)	104,297
Principal operators, female	302	Hogs and pigs inventory (head)	117,977
Hay, all production (tons)	93,306	Chickens, layers inv (head)	680

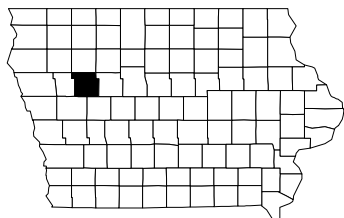
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	51,000	19
Beef cows	25,500	1
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

SAC COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	353,174	Market value of:	
Number of farms	889	all farm products (\$1,000)	459,462
Average farm size (acres)	397	all crops (\$1,000)	183,141
Principal operators, average age	56.5	all livestock (\$1,000)	276,321
Principal operators, male	908	Production expenses (\$1,000)	358,942
Principal operators, female	277	Hogs and pigs inventory (head)	461,600
Hay, all production (tons)	22,776	Chickens, layers inv (head)	1,056

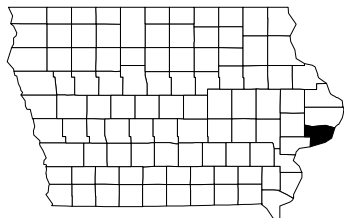
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	41,000	25T
Beef cows	8,700	37T
Milk cows	400	35T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	175,000	168,500	220.6	37,175	18
Soybeans	131,000	130,000	59.3	7,715	8
Oats	(D)	(D)	(D)	(D)	(NA)

SCOTT COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	219,935	Market value of:	
Number of farms	684	all farm products (\$1,000)	223,771
Average farm size (acres)	322	all crops (\$1,000)	129,728
Principal operators, average age	56.9	all livestock (\$1,000)	94,043
Principal operators, male	663	Production expenses (\$1,000)	184,671
Principal operators, female	216	Hogs and pigs inventory (head)	255,837
Hay, all production (tons)	12,877	Chickens, layers inv (head)	1,614

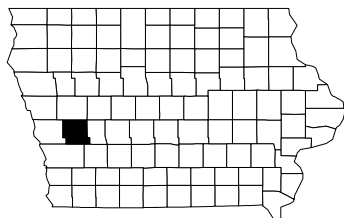
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	20,000	71T
Beef cows	4,200	56
Milk cows	500	34

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	105,500	104,100	189.3	19,710	65
Soybeans	67,300	66,800	60.5	4,042	57
Oats	(D)	(D)	(D)	(D)	(NA)

SHELBY COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	370,551	Market value of:	
Number of farms	890	all farm products (\$1,000)	305,430
Average farm size (acres)	416	all crops (\$1,000)	196,147
Principal operators, average age	58.2	all livestock (\$1,000)	109,284
Principal operators, male	891	Production expenses (\$1,000)	243,688
Principal operators, female	295	Hogs and pigs inventory (head)	119,690
Hay, all production (tons)	21,154	Chickens, layers inv (head)	2,261

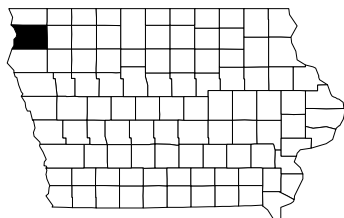
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	39,000	29
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	174,000	171,800	217.3	37,336	17
Soybeans	135,000	134,100	58.7	7,878	7
Oats	1,000	260	74.6	19.4	18

SIOUX COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	483,501	Market value of:	
Number of farms	1,724	all farm products (\$1,000)	1,696,095
Average farm size (acres)	280	all crops (\$1,000)	277,747
Principal operators, average age	53.9	all livestock (\$1,000)	1,418,349
Principal operators, male	1,826	Production expenses (\$1,000)	1,350,489
Principal operators, female	426	Hogs and pigs inventory (head)	1,259,133
Hay, all production (tons)	24,166	Chickens, layers inv (head)	(D)

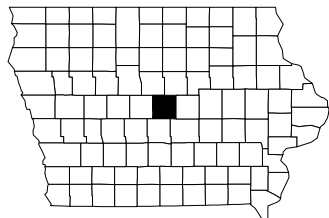
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	410,000	1
Beef cows	14,900	14
Milk cows	35,000	1

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	265,000	200,000	192.2	38,430	14
Soybeans	138,000	136,700	60.8	8,314	6
Oats	1,300	260	71.2	18.5	19

STORY COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	304,022	Market value of:	
Number of farms	955	all farm products (\$1,000)	224,922
Average farm size (acres)	318	all crops (\$1,000)	164,285
Principal operators, average age	57.1	all livestock (\$1,000)	60,636
Principal operators, male	917	Production expenses (\$1,000)	192,667
Principal operators, female	356	Hogs and pigs inventory (head)	62,420
Hay, all production (tons)	12,949	Chickens, layers inv (head)	3,617

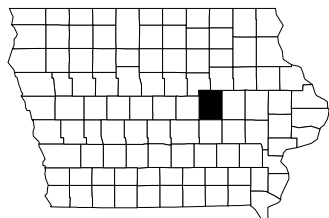
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	16,400	79
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	170,000	168,000	189.3	31,801	32
Soybeans	104,000	103,300	50.0	5,161	42
Oats	(D)	(D)	(D)	(D)	(NA)

TAMA COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	406,984	Market value of:	
Number of farms	1,072	all farm products (\$1,000)	288,014
Average farm size (acres)	380	all crops (\$1,000)	197,025
Principal operators, average age	57.6	all livestock (\$1,000)	90,989
Principal operators, male	1,017	Production expenses (\$1,000)	234,626
Principal operators, female	334	Hogs and pigs inventory (head)	97,992
Hay, all production (tons)	35,534	Chickens, layers inv (head)	781

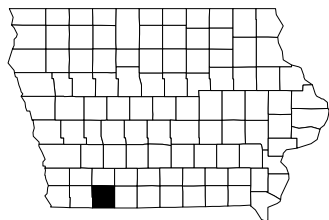
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	40,500	27
Beef cows	15,100	12
Milk cows	600	31T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	176,000	174,000	204.8	35,628	21
Soybeans	136,500	135,200	53.4	7,219	14
Oats	(D)	(D)	(D)	(D)	(NA)

TAYLOR COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	288,530	Market value of:	
Number of farms	667	all farm products (\$1,000)	128,026
Average farm size (acres)	433	all crops (\$1,000)	84,304
Principal operators, average age	59.4	all livestock (\$1,000)	43,721
Principal operators, male	609	Production expenses (\$1,000)	107,111
Principal operators, female	298	Hogs and pigs inventory (head)	75,099
Hay, all production (tons)	47,250	Chickens, layers inv (head)	326

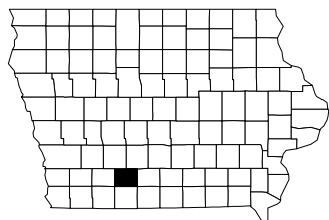
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	33,500	35
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	85,700	84,400	161.7	13,651	74
Soybeans	80,700	80,200	49.9	3,999	59
Oats	(D)	(D)	(D)	(D)	(NA)

UNION COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	246,058	Market value of:	
Number of farms	627	all farm products (\$1,000)	129,248
Average farm size (acres)	392	all crops (\$1,000)	54,219
Principal operators, average age	56.8	all livestock (\$1,000)	75,029
Principal operators, male	623	Production expenses (\$1,000)	114,147
Principal operators, female	268	Hogs and pigs inventory (head)	169,793
Hay, all production (tons)	49,213	Chickens, layers inv (head)	112,724

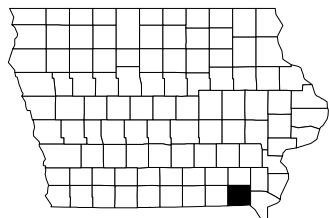
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	40,000	28
Beef cows	18,600	3T
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	55,500	54,600	168.9	9,223	83
Soybeans	50,700	50,200	53.7	2,696	77
Oats	(D)	(D)	(D)	(D)	(NA)

VAN BUREN COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	210,319	Market value of:	
Number of farms	690	all farm products (\$1,000)	97,836
Average farm size (acres)	305	all crops (\$1,000)	39,525
Principal operators, average age	57.6	all livestock (\$1,000)	58,311
Principal operators, male	657	Production expenses (\$1,000)	86,477
Principal operators, female	272	Hogs and pigs inventory (head)	118,233
Hay, all production (tons)	35,733	Chickens, layers inv (head)	1,126

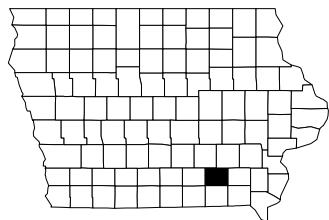
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	21,500	69
Beef cows	11,300	28
Milk cows	700	30

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	47,400	45,000	171.0	7,694	85
Soybeans	50,000	49,500	53.9	2,668	79
Oats	1,300	1,110	42.3	47.0	12

WAPELLO COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	199,424	Market value of:	
Number of farms	715	all farm products (\$1,000)	78,060
Average farm size (acres)	279	all crops (\$1,000)	56,782
Principal operators, average age	57.4	all livestock (\$1,000)	21,278
Principal operators, male	676	Production expenses (\$1,000)	70,790
Principal operators, female	351	Hogs and pigs inventory (head)	37,105
Hay, all production (tons)	33,675	Chickens, layers inv (head)	967

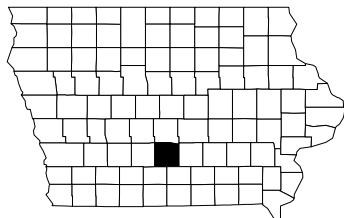
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	15,300	82
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	57,200	56,700	176.5	10,006	82
Soybeans	48,700	48,200	55.5	2,677	78
Oats	(D)	(D)	(D)	(D)	(NA)

WARREN COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	247,153	Market value of:	
Number of farms	1,214	all farm products (\$1,000)	78,965
Average farm size (acres)	204	all crops (\$1,000)	67,084
Principal operators, average age	59.0	all livestock (\$1,000)	11,881
Principal operators, male	1,135	Production expenses (\$1,000)	71,012
Principal operators, female	539	Hogs and pigs inventory (head)	(D)
Hay, all production (tons)	39,372	Chickens, layers inv (head)	3,179

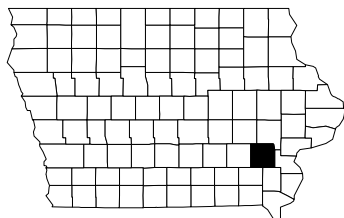
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	19,600	73T
Beef cows	11,400	27
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	64,800	63,400	52.3	3,318	71
Oats	(D)	(D)	(D)	(D)	(NA)

WASHINGTON COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	310,445	Market value of:	
Number of farms	1,129	all farm products (\$1,000)	671,897
Average farm size (acres)	275	all crops (\$1,000)	137,547
Principal operators, average age	56.6	all livestock (\$1,000)	534,350
Principal operators, male	1,094	Production expenses (\$1,000)	528,629
Principal operators, female	401	Hogs and pigs inventory (head)	1,332,048
Hay, all production (tons)	26,408	Chickens, layers inv (head)	119,318

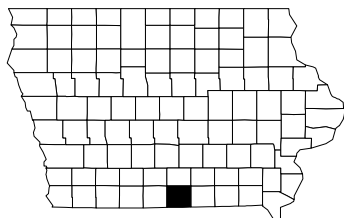
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	20,000	71T
Beef cows	9,500	33
Milk cows	900	28T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	119,000	114,400	178.9	20,467	63
Soybeans	89,600	88,700	54.7	4,853	46
Oats	(D)	(D)	(D)	(D)	(NA)

WAYNE COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	285,213	Market value of:	
Number of farms	743	all farm products (\$1,000)	91,778
Average farm size (acres)	384	all crops (\$1,000)	53,161
Principal operators, average age	57.7	all livestock (\$1,000)	38,617
Principal operators, male	688	Production expenses (\$1,000)	84,414
Principal operators, female	341	Hogs and pigs inventory (head)	32,577
Hay, all production (tons)	59,400	Chickens, layers inv (head)	726

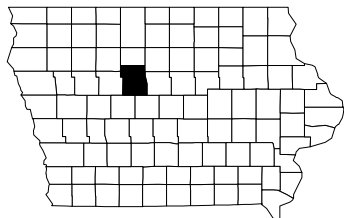
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	30,500	43T
Beef cows	14,100	16T
Milk cows	300	38

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	57,300	56,300	151.5	8,527	84
Soybeans	58,900	57,800	52.5	3,033	75
Oats	(D)	(D)	(D)	(D)	(NA)

WEBSTER COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	409,293	Market value of:	
Number of farms	960	all farm products (\$1,000)	320,681
Average farm size (acres)	426	all crops (\$1,000)	214,836
Principal operators, average age	60.5	all livestock (\$1,000)	105,845
Principal operators, male	922	Production expenses (\$1,000)	249,684
Principal operators, female	362	Hogs and pigs inventory (head)	173,594
Hay, all production (tons)	8,473	Chickens, layers inv (head)	(D)

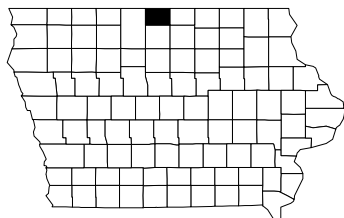
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	11,200	87
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	209,500	207,500	202.9	42,100	6
Soybeans	146,000	145,000	49.1	7,117	15
Oats	(D)	(D)	(D)	(D)	(NA)

WINNEBAGO COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	246,106	Market value of:	
Number of farms	571	all farm products (\$1,000)	239,916
Average farm size (acres)	431	all crops (\$1,000)	130,702
Principal operators, average age	57.9	all livestock (\$1,000)	109,214
Principal operators, male	562	Production expenses (\$1,000)	205,846
Principal operators, female	225	Hogs and pigs inventory (head)	74,244
Hay, all production (tons)	4,308	Chickens, layers inv (head)	(D)

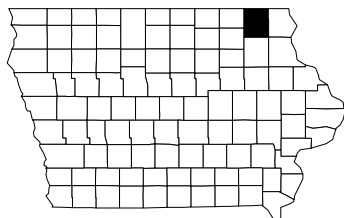
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	7,700	93T
Beef cows	1,400	71
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	123,000	121,200	198.8	24,097	55
Soybeans	79,800	79,200	54.2	4,289	54
Oats	(D)	(D)	(D)	(D)	(NA)

WINNESHIEK COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	391,393	Market value of:	
Number of farms	1,458	all farm products (\$1,000)	337,364
Average farm size (acres)	268	all crops (\$1,000)	141,368
Principal operators, average age	57.3	all livestock (\$1,000)	195,995
Principal operators, male	1,479	Production expenses (\$1,000)	292,108
Principal operators, female	528	Hogs and pigs inventory (head)	125,477
Hay, all production (tons)	106,080	Chickens, layers inv (head)	161,649

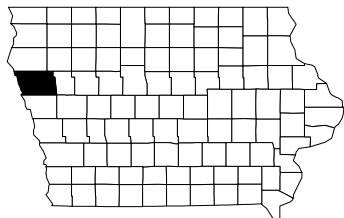
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	93,000	7
Beef cows	12,100	24
Milk cows	16,100	4

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	173,000	157,800	200.4	31,626	33s
Soybeans	55,400	55,000	55.6	3,056	74
Oats	11,000	3,520	59.9	211	2

WOODBURY COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	450,763	Market value of:	
Number of farms	1,037	all farm products (\$1,000)	368,758
Average farm size (acres)	435	all crops (\$1,000)	199,671
Principal operators, average age	57.5	all livestock (\$1,000)	169,088
Principal operators, male	970	Production expenses (\$1,000)	313,570
Principal operators, female	454	Hogs and pigs inventory (head)	69,267
Hay, all production (tons)	23,642	Chickens, layers inv (head)	1,697

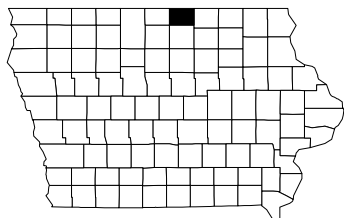
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	76,000	8
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	211,000	201,500	218.2	43,961	5
Soybeans	154,000	152,600	56.8	8,670	3
Oats	700	100	82.0	8.20	23

WORTH COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	238,824	Market value of:	
Number of farms	582	all farm products (\$1,000)	144,410
Average farm size (acres)	410	all crops (\$1,000)	124,367
Principal operators, average age	58.5	all livestock (\$1,000)	20,044
Principal operators, male	602	Production expenses (\$1,000)	117,648
Principal operators, female	154	Hogs and pigs inventory (head)	12,389
Hay, all production (tons)	9,929	Chickens, layers inv (head)	485

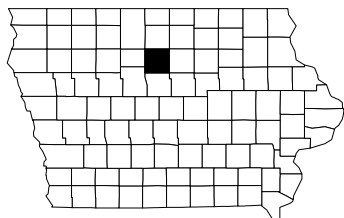
Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	7,700	93T
Beef cows	2,500	66T
Milk cows	200	39T

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	112,000	110,600	196.5	21,732	58
Soybeans	83,600	82,500	51.0	4,205	56
Oats	(D)	(D)	(D)	(D)	(NA)

WRIGHT COUNTY



Census of Agriculture – 2017

Total land in farms (acres)	356,303	Market value of:	
Number of farms	735	all farm products (\$1,000)	481,889
Average farm size (acres)	485	all crops (\$1,000)	187,302
Principal operators, average age	59.3	all livestock (\$1,000)	294,587
Principal operators, male	734	Production expenses (\$1,000)	406,083
Principal operators, female	239	Hogs and pigs inventory (head)	483,527
Hay, all production (tons)	7,367	Chickens, layers inv (head)	9,968,233

Cattle – January 1, 2020

	Number of head	Rank in state
All cattle and calves	6,600	96
Beef cows	2,300	68
Milk cows	(D)	(NA)

Crops – 2019 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	185,500	185,000	197.0	36,446	20
Soybeans	126,000	125,000	54.1	6,762	18
Oats	(D)	(D)	(D)	(D)	(NA)

AGRICULTURE RELATED INTERNET ADDRESSES

USDA

NATIONAL AGRICULTURAL STATISTICS SERVICE

IOWA FIELD OFFICE

Home Page	www.nass.usda.gov/Statistics_by_State/Iowa/
Email	nassrfoumr@usda.gov

IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP (IDALS)

Home Page	iowaagriculture.gov
Climatology Bureau	iowaagriculture.gov/climatology-bureau

IOWA FARM BUREAU

Home Page	www.iowafarmbureau.com
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IOWA STATE UNIVERSITY

Extension Service	www.extension.iastate.edu
Center for Agricultural and Rural Development	www.card.iastate.edu

UNITED STATES DEPARTMENT OF AGRICULTURE (USDA)

Home Page	www.usda.gov
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USDA - ECONOMIC RESEARCH SERVICE (ERS)

Home Page	www.ers.usda.gov
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USDA - NATIONAL AGRICULTURAL STATISTICS SERVICE (NASS)

Home Page	www.nass.usda.gov
Information	www.nass.usda.gov/About_NASS/index
Census of Agriculture	www.nass.usda.gov/AgCensus/
Publications	www.nass.usda.gov/Publications/
Quick Stats	quickstats.nass.usda.gov

USDA - NATIONAL AGRICULTURAL LIBRARY (NAL)

Home Page	www.nal.usda.gov
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USDA - WORLD AGRICULTURAL OUTLOOK BOARD (WAOB)

World Agricultural Supply and Demand Estimates Report (WASDE)	www.usda.gov/oce/commodity/wasde/index.htm
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