

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), West Central (WC), Southwest (SW), North Central (NC), Central (C), South Central (SC), Northeast (NE), East Central (EC), 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 ----- SC	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	Muscatine ----- 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	

2021 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 2021 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 Department of Agriculture and Land Stewardship and the Iowa Farm Bureau to provide you with the latest edition of the *Iowa Agricultural Statistics**. This publication is a compilation of the many statistical reports published over the past year that highlight Iowa's vibrant and dynamic agricultural industry.

It provides a statistical profile not only of Iowa agriculture at the state level, but it also includes information for every Iowa County. The 2020 ranking of states shows the importance of Iowa agriculture to the nation with Iowa ranked first in:

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

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	27
County Estimates.....	28
Seasonal Progress Charts	30
Stocks	31
Supply and Use	32
Objective Yield Data	33
Prices.....	34
Biotech Varieties.....	35
Oats	
Production Map and Graphs	36
County Estimates.....	37
Prices.....	38
Hay	
Prices.....	39
Fertilizer Tonnage Distribution.....	40

Livestock

State Rankings: Livestock.....	41
Record Highs & Lows: Livestock Inventory	42
Cattle	
Inventory by County, January 1	43
Inventory and Value.....	45
Annual Production, Disposition, Income, & Prices.....	46
Estimated Returns	47
Commercial Cattle Slaughter.....	48
Feedlots and Marketings	49
Cattle on Feed Inventory < 1,000 Head.....	49
Cattle on Feed Inventory 1,000+ Head.....	50
Cattle on Feed Inventory Graphs.....	51
Milk Cows Inventory and Production	52
Milk Production, Disposition, Cash Receipts and Income	53
Dairy Products Manufactured by Month	54
Hogs & Pigs	
Inventory.....	55
Market & Breeding Inventory	56
Sows Farrowed, Pigs per Litter, & Pig Crop	57
Annual Production, Disposition, Income, & Prices.....	58
Estimated Returns	59
Commercial Hog Slaughter.....	60
Poultry	
Chickens Inventory & Rate of Lay	61
All Layers, Inventory and Eggs per 100.....	62
Production, Income, & Eggs Produced	63
Sheep	
Inventory and Value.....	64
Wool Production & Income; Lamb Crop, Farm Slaughter, & Death Loss.....	65
Commercial Sheep & Lamb Slaughter	66
Goats	67
Bees and Honey.....	67

Economics

Farm Production Expenditures	68
Cash Rent Maps.....	69
Cash Rent	70
Land Values	71
Land Value Graphs	72
Farm Custom Rates	73
Labor & Wage Rates	75

County Information

County Highlights	76
Adair - Adams - Allamakee.....	77
Appanoose - Audubon - Benton	78
Black Hawk - Boone - Bremer	79
Buchanan - Buena Vista - Butler	80
Calhoun - Carroll - Cass	81
Cedar - Cerro Gordo - Cherokee.....	82
Chickasaw - Clarke - Clay	83
Clayton - Clinton - Crawford	84
Dallas - Davis - Decatur.....	85
Delaware - Des Moines - Dickinson	86
Dubuque - Emmet - Fayette	87
Floyd - Franklin - Fremont	88

Greene - Grundy - Guthrie	89
Hamilton - Hancock - Hardin	90
Harrison - Henry - Howard	91
Humboldt - Ida - Iowa.....	92
Jackson - Jasper - Jefferson	93
Johnson - Jones - Keokuk.....	94
Kossuth - Lee - Linn	95
Louisa - Lucas - Lyon.....	96
Madison - Mahaska - Marion.....	97
Marshall - Mills - Mitchell.....	98
Monona - Monroe - Montgomery.....	99
Muscatine - O'Brien - Osceola	100
Page - Palo Alto - Plymouth	101
Pocahontas - Polk - Pottawattamie	102
Poweshiek - Ringgold - Sac	103
Scott - Shelby - Sioux.....	104
Story - Tama - Taylor	105
Union - Van Buren - Wapello	106
Warren - Washington - Wayne	107
Webster - Winnebago - Winneshiek.....	108
Woodbury - Worth - Wright	109



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.

2020 Iowa Agricultural Overview

Crops and Weather Summary

The 2020 crop season started slowly due to wet conditions and accumulating snow which limited fieldwork, on average, to 3.8 days per week for the month of April. Pasture growth was slow to begin, but 64% of pastures were rated good to excellent by April 26. Corn planting was well underway with 39% of the crop planted on April 26. Soybean planting was one week ahead of the five-year average with 9% of the crop planted. Eighty percent of the oat crop was seeded, slightly ahead of average, with 22% emerged.

The latter part of May brought unseasonably wet, windy, and cold conditions resulting in just 4.1 days suitable for fieldwork per week for the month. By May 17, virtually all oats were planted with 95% emerged by the end of the following week. By the end of May, 98% of the expected corn acres were planted with emergence at 93%. Soybeans planted was at 95%, over 2 weeks ahead of average. Just over three-quarters of the soybean acreage had emerged. The first cutting of alfalfa hay began in late May, with 16% completed by the close of the month.

June saw significant precipitation in some areas of Iowa with an average of 4.8 days suitable for fieldwork per week. Virtually all of Iowa's corn crop had emerged by June 14. Soybean planting was nearly complete with 93% of the crop emerged, 11 days ahead of average. On June 28 oats headed was at 86% with oat condition rated 82% good to excellent. Dry weather the first week of June allowed over one-third of the first cutting of alfalfa hay to be completed during the week, reaching 54% complete. The first cutting neared completion by June 28.

The summer continued with spotty showers in all of July. Days suitable for fieldwork during July averaged 5.9 per week. By July 26, 87% of corn was in or beyond silking, three days ahead of the 5-year average, with 23% of the crop in the dough stage, four days ahead of normal. Soybean development was about a week ahead of average, with 85% of the crop blooming and 50% setting pods. Ninety-five percent of oats were turning color or beyond with 56% harvested for grain, two days ahead of the five-year average. The second cutting of alfalfa hay had reached 84%, and the third cutting was underway.

Dry conditions were a concern for most of the state in August. On August 10 a derecho blew a wide swath across Iowa. The level of crop damage reported varied widely depending on location and wind strength. Days suitable for fieldwork during August averaged 6.3 per week. By August 23, virtually all oats for grain were harvested. By August 30, corn development was six days ahead of the average, with 95% in or beyond the dough stage and almost three-quarters of the crop in or beyond the dent stage. Soybeans setting pods had reached 96%, four days ahead of the five-year average, while soybeans coloring was 29%, the highest percentage of soybeans coloring by August 30 since 2012. The second cutting of alfalfa was nearly complete by August 16 and the third cutting reached 86% complete by August 30, eleven days ahead of the average.

Drought conditions were a concern for much of the State during September. By September 27, corn development well ahead of average with 97% of the crop in the dent stage or beyond and 82% considered mature. Corn for grain harvest was nine days ahead of the five-year average at 12% complete. This was the highest percentage of corn harvested for grain by September 27 since 2012. Soybeans dropping leaves reached 19% the first week, the highest percentage of dropping leaves by September 6 since 2005. Eighty-four percent of the soybean crop was dropping leaves or beyond by September 27, eight days ahead of average. The third cutting of alfalfa was 97% complete on September 20, just over two weeks ahead of the five-year average.

October brought desirable harvesting conditions until measurable snowfall and rain arrived the last week of the month, allowing an average of 5.7 days suitable for fieldwork per week. By October 25, over three-quarters of the corn had been harvested for grain, two weeks ahead of the average. Soybean harvest was just over two weeks ahead of normal, with 94% of the crop harvested.

By November 15, only 1% of Iowa's soybean crop remained to be harvested, eight days ahead of average. By November 29, only 1% of Iowa's corn for grain remained to be harvested, also eight days ahead of the five-year average. The season concluded with isolated corn fields, primarily in the southern one-third of the state, remaining to be harvested.

Livestock Summary

Iowa's cattle and hog producers received \$10.2 billion in cash receipts during 2020, down \$1.6 billion from 2019. Hog sales accounted for a total of \$6.38 billion, while cattle and calves sales totaled \$3.79 billion.

Iowa producers had 3.65 million cattle and calves on farms January 1, 2021, down 200,000 head from January 1, 2020. Cows that calved accounted for 1.11 million head, down 10,000 from the previous year. Beef cows, at 890,000 head, were down 15,000 head from a year ago, and milk cows, at 220,000 head, were up 5,000 head.

Iowa had 800,000 heifers weighing 500 pounds and over, down 7% from the previous year. Of these heifers, 155,000 head were beef cow replacements, 125,000 head were milk cow replacements, and all other heifers numbered 520,000 head.

Steers weighing 500 pounds or more were down 7% from January 2020 at 1.21 million head. Bulls 500 pounds and over remained the same as January 2020 at 60,000 head. Calves weighing under 500 pounds totaled 470,000 head, down 8% from January 2020.

Iowa ranked number one in hog inventory in the United States, with 32% of the nation's 2020 inventory. Hogs and pigs on hand on December 1, 2020, totaled 24.6 million head, down 300,000 from the previous year.

Pork producers in Iowa farrowed 2.11 million sows from December 2019 through November 2020. An average of 11.31 pigs were saved per litter. The pig crop was 23.9 million, a decrease of 2% from 2019.

Sheep and lamb inventory on January 1, 2021, was 160,000 head, up 9,000 head from the previous year. An estimated 120,000 lambs were born during 2020.

Iowa milk production totaled 5.37 billion pounds in 2020, up 83.0 million pounds from 2019. Milk cows on hand were unchanged from 2019, averaging 218,000 head during 2020. The annual average milk produced per cow was 24,651 pounds, up more than 1% from 2019.

Iowa slaughter plants produced 8.96 billion pounds of red meat (beef, veal, pork, and mutton) during 2020, up 336 million pounds from 2019.

Prices Summary

Milk prices averaged \$19.50 per hundredweight in 2020, up 0.5% from \$19.40 in 2019. Monthly prices averaged from a high of \$23.20 in November and July to a low of \$14.30 in April.

The 2019-2020 marketing year average price for corn was \$3.50, down 9 cents from last year. The market year began with \$3.72 per bushel in September and concluded with \$3.08 per bushel in August. The average monthly prices for the 2020 calendar year ranged from a high of \$4.05 in December to a low of \$3.08 in August.

The 2019-2020 marketing year average price for soybeans was \$8.48 per bushel, up 2 cents from the previous year. The marketing year started with \$8.14 per bushel in September and ended with \$8.64 per bushel in August. The average monthly prices for the 2020 calendar year ranged from a high of \$10.90 in December to a low of \$8.27 in June.

The 2019-2020 marketing year average price for oats was \$3.53 per bushel, up 60 cents from 2018-2019. The marketing year opened with \$3.60 per bushel in July and finished with \$3.85 per bushel in June. The average monthly prices for the 2020 calendar year ranged from a high of \$4.17 in January to a low of \$2.81 in October.

The 2019-2020 marketing year average price for all hay was \$124.00 per ton, down \$7.00 from the previous year. The all hay marketing year started with \$139.00 per ton in June and ended with \$117.00 per ton in May. The average monthly prices for the 2020 calendar year ranged from a high of \$123.00 in January to a low of \$105.00 in July.

Precipitation, Monthly and Annual Averages and Departures from Normal – Iowa by District: 2020

District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Precipitation (Inches)													
Northwest	1.07	0.32	2.56	1.07	4.12	3.59	2.12	1.15	1.28	1.51	1.50	0.53	20.82
N Central	1.26	0.72	2.93	1.25	4.96	5.56	2.59	2.28	3.38	1.37	2.06	0.47	28.83
Northeast	1.24	0.72	3.26	1.63	4.91	8.52	3.23	1.46	6.19	2.76	1.84	0.83	36.59
W Central	1.13	0.37	2.81	0.83	3.52	3.07	1.98	1.25	2.80	1.59	1.98	0.77	22.10
Central	1.29	0.46	2.99	1.79	4.66	5.39	1.94	1.32	4.28	1.97	1.97	1.08	29.14
E Central	1.65	0.50	3.34	2.12	4.49	5.62	3.90	1.21	7.08	2.70	2.16	1.91	36.68
Southwest	1.09	0.09	2.26	1.98	4.67	2.31	3.91	0.75	2.78	1.30	1.78	1.18	24.10
S Central	2.00	0.21	2.83	2.61	5.08	4.13	3.93	0.90	4.08	1.96	2.80	1.72	32.25
Southeast	2.24	0.36	3.12	2.02	5.00	6.07	3.59	0.43	5.03	1.86	2.95	2.14	34.81
State	1.41	0.43	2.91	1.65	4.57	4.95	2.93	1.23	4.07	1.90	2.09	1.14	29.28

Departure from Normal Precipitation ¹ (Inches)

Northwest	0.40	-0.32	0.68	-2.15	0.40	-1.14	-1.73	-2.63	-1.95	-0.73	-0.03	-0.37	-9.58
N Central	0.43	-0.14	0.97	-2.33	0.49	0.37	-2.05	-1.83	0.19	-1.00	0.21	-0.77	-5.46
Northeast	0.22	-0.38	1.29	-2.07	0.53	3.42	-1.44	-3.17	2.84	0.18	-0.44	-0.66	0.33
W Central	0.35	-0.45	0.70	-2.60	-0.97	-1.84	-2.28	-2.64	-0.36	-0.82	0.35	-0.32	-10.87
Central	0.37	-0.56	0.80	-1.83	-0.03	0.03	-2.76	-3.14	0.96	-0.65	-0.17	-0.24	-7.21
E Central	0.50	-0.84	1.06	-1.27	0.15	0.67	-0.46	-3.29	3.76	-0.19	-0.25	0.17	0.02
Southwest	0.28	-0.95	0.03	-1.48	-0.55	-2.82	-0.83	-3.06	-0.63	-1.31	-0.16	-0.06	-11.53
S Central	1.11	-1.03	0.54	-1.04	-0.04	-0.81	-1.05	-3.39	0.26	-0.89	0.54	0.34	-5.47
Southeast	0.97	-1.20	0.55	-1.56	0.11	1.25	-0.88	-3.83	1.25	-1.20	0.38	0.33	-3.84
State	0.49	-0.62	0.76	-1.86	0.01	-0.07	-1.57	-2.97	0.69	-0.71	0.04	-0.20	-5.99

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: 2020

District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Average Temperatures (F)													
Northwest	19.4	22.1	37.4	44.6	56.7	73.7	74.7	72.0	61.6	43.3	38.9	25.6	47.5
N Central	20.0	20.1	37.5	44.6	56.9	72.0	73.8	70.6	60.7	43.7	39.3	25.5	47.1
Northeast	22.2	21.0	37.7	44.2	56.1	70.0	74.1	70.2	60.0	44.6	40.4	25.5	47.2
W Central	22.7	26.0	40.5	47.0	57.4	74.3	75.5	72.5	62.4	45.8	41.8	27.2	49.4
Central	23.0	24.8	40.9	47.1	57.8	72.9	75.5	72.0	62.1	46.4	42.3	26.9	49.3
E Central	25.0	26.0	40.9	46.9	57.6	71.9	75.8	71.9	62.0	47.4	43.3	27.6	49.7
Southwest	25.6	29.5	43.4	49.2	58.8	75.1	76.1	73.0	63.0	47.8	44.2	28.8	51.2
S Central	25.4	28.3	43.3	48.8	58.8	73.6	76.6	73.0	62.7	47.8	44.7	29.0	51.0
Southeast	26.3	28.4	42.6	48.3	58.7	72.7	76.3	72.5	63.1	48.2	44.7	29.6	51.0
State	23.0	24.8	40.3	46.6	57.6	72.9	75.3	71.9	61.9	46.0	42.0	27.2	49.1

Departure from Normal Temperature ¹ (F)

Northwest	3.0	0.8	4.3	-2.4	-2.3	4.9	2.0	1.7	-0.2	-5.7	5.3	5.9	1.3
N Central	4.4	-0.3	4.7	-2.0	-1.7	3.7	1.8	1.0	-0.6	-5.2	5.5	6.0	1.4
Northeast	5.2	-0.8	3.6	-3.4	-2.7	1.5	1.9	0.0	-1.9	-5.0	4.9	4.2	0.5
W Central	3.4	2.1	4.8	-1.6	-2.8	4.4	1.6	0.9	-0.7	-4.7	6.0	4.9	1.4
Central	3.9	1.0	5.0	-1.7	-2.2	3.3	2.0	0.6	-1.0	-4.3	5.8	4.1	1.3
E Central	4.4	0.8	3.7	-3.1	-3.1	1.7	2.0	0.1	-1.8	-4.3	5.1	3.1	0.6
Southwest	3.2	2.6	5.0	-1.2	-2.6	4.1	0.9	-0.1	-1.8	-4.6	5.8	3.4	1.1
S Central	3.1	1.7	5.1	-1.3	-1.8	3.4	2.0	0.0	-1.5	-4.5	6.0	3.3	1.2
Southeast	2.8	0.5	3.1	-3.5	-3.3	1.2	0.7	-1.2	-2.3	-5.3	4.5	2.6	-0.1
State	3.6	0.8	4.4	-2.3	-2.5	3.2	1.7	0.4	-1.3	-4.8	5.4	4.3	1.0

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: 2016-2020

Year	Number of farms (1,000 farms)	Average size (acres)	Land in farms (million acres)
2016	86.4	354	30.6
2017	86.1	355	30.6
2018	86.0	356	30.6
2019	85.3	359	30.6
2020	85.0	360	30.6

Farms, Number by Economic Sales Class – Iowa: 2016-2020

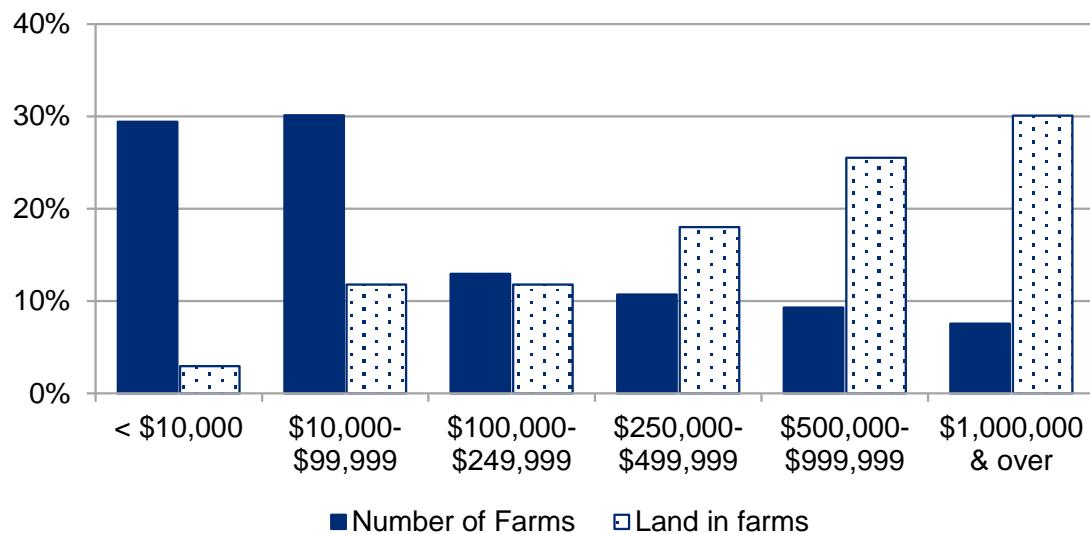
Year	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000-\$999,999	\$1,000,000 & over	Total
2016	25,400	25,900	10,700	9,100	8,600	6,700	86,400
2017	25,400	26,300	11,100	8,900	8,000	6,400	86,100
2018	25,400	26,200	11,100	8,900	8,000	6,400	86,000
2019	25,000	25,800	11,000	9,200	7,900	6,400	85,300
2020	25,000	25,600	11,000	9,100	7,900	6,400	85,000

Land in Farms, Acreage by Economic Sales Class – Iowa: 2016-2020

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)							
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
2020	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: 2020



Crop Summary, Acres Planted, Harvested, Yield and Production – Iowa and United States: 2016-2020

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)		
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	--	--	89,745	87,952	--	--
2020	13,600	13,160			90,819	89,186		
Corn for grain		(1,000 acres)	(bu/acre)	(1,000 bushels)		(1,000 acres)	(bu/acre)	(1,000 bushels)
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	--	81,337	167.5	13,619,928
2020		12,900	178.0	2,296,200		82,467	172.0	14,182,479
Corn for silage		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
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	--	6,615	20.2	133,522
2020		260	20.5	5,330		6,719	20.5	137,729
Soybeans	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)
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	74,939	47.4	3,551,908
2020	9,400	9,320	53.0	493,960	83,084	82,318	50.2	4,135,477
Oats	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)
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	2,830	828	64.3	53,258
2020	170	73	78.0	5,694	2,984	1,004	65.1	65,355
Hay, all		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
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
2020		1,160	3.19	3,697		52,238	2.43	126,812
Hay, alfalfa		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
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
2020		830	3.50	2,905		16,230	3.27	53,067
Hay, other		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
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
2020		330	2.40	792		36,008	2.05	73,745

State Rankings, Harvested Crops, Crop Production, and Storage Capacity – Iowa and 10 Leading States: 2020

	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	OH	MO	WI (Tied)	1	16
Corn for silage	WI	NY	PA	MN	CA	SD	MI	TX	IA & NE		9	4
Soybeans	IL	IA	MN	MO	ND	IN	NE	SD	OH	KS	2	11
Oats	MN	SD	WI	ND	IA	TX	PA	MT	NY	MI	5	7
Hay, alfalfa	MT	SD	ND	ID	NE	WI	IA	MN	CO	WY	7	5
Hay, other	TX	MO	OK	KS	KY	NE	TN	AR	SD	VA	28	1
Hay, all	TX	MO	SD	MT	OK	NE	KS	ND	KY	TN	17	2
Total acres of principal crops harvested ¹	IA	KS	IL	ND	NE	MN	SD	TX	MO	IN	1	8
Production												
Corn for grain	IA	IL	NE	MN	IN	KS	SD	OH	MO	WI	1	16
Corn for silage	WI	CA	MN	NY	PA	ID	SD	MI	IA	CO	9	4
Soybeans	IL	IA	MN	IN	NE	MO	OH	SD	ND	KS	2	12
Oats	SD	MN	WI	ND	IA	PA	TX	NE	MT	NY	5	9
Hay, alfalfa	ID	MT	CA	NE	SD	IA	WI	MN	CO	AZ	6	5
Hay, other	TX	MO	KY	OK	TN	KS	NE	AR	VA	AL	30	1
Hay, all	TX	MO	NE	MT	KS	KY	SD	OK	ID	CA	12	3
Storage Capacity												
Capacity of off-farm storage facilities ²	IL	IA	KS	NE	MN	TX	IN	OH	ND	SD (Tied)	2	13
Capacity of on-farm storage facilities ²	IA	MN	IL	NE	ND	IN	SD	OH	MO	KS & WI	1	15

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, 2020.

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.



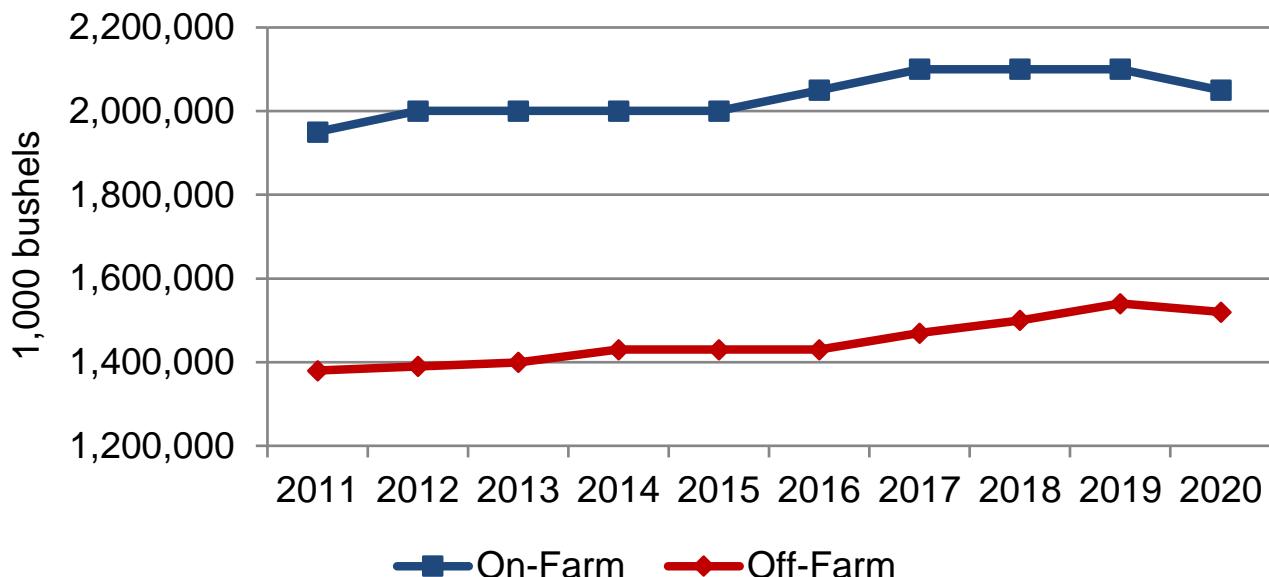
**Hay and Grain Marketings, Percent of Crop Year Total – Iowa:
June 2018-August 2020**

Month	All hay		Oats		Soybeans		Corn	
	2018-2019	2019-2020	2018-2019	2019-2020	2018-2019	2019-2020	2018-2019	2019-2020
June	4	4						
July	7	7	21	7				
August	7	7	27	23				
September	7	7	12	16	5	6	5	4
October	4	4	7	19	20	21	12	8
November	9	9	6	7	16	9	17	20
December	13	14	2	6	6	8	6	9
January	16	15	5	3	11	8	10	10
February	12	12	1	3	6	5	6	6
March	11	11	1	4	4	5	6	6
April	6	6	6	2	4	4	5	4
May	4	4	9	7	5	5	11	5
June			3	3	7	10	9	10
July					8	11	7	9
August					8	8	6	9

Grain Storage Capacity – Iowa: December 1, 2011-2020

Year	Number of off-farm facilities	Off-farm capacity (1,000 bu)	On-farm capacity (1,000 bu)
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	1,540,000	2,100,000
2020	850	1,520,000	2,050,000

Grain Storage Capacity – Iowa December 1, 2011-2020



Estimated Crop Production Costs – Iowa: 2017-2021

	2017	2018	2019 ¹	2020	2021
Corn following corn					
Machinery	\$119.83	\$132.80	\$134.38	\$128.46	\$126.73
Seed, chemicals, etc.	287.19	279.81	313.70	299.79	311.84
Labor	36.40	39.20	39.90	41.30	42.70
Land	230.00	219.00	223.00	219.00	222.00
Total cost per acre	673.41	670.80	710.98	688.54	703.28
Assumed yield (bushels)	165	165	182	182	184
Total cost per bushel	\$4.08	\$4.07	\$3.91	\$3.78	\$3.82
Corn following soybeans					
Machinery	\$116.56	\$130.47	\$132.22	\$126.10	\$125.17
Seed, chemicals, etc.	251.48	241.86	279.96	259.59	278.36
Labor	33.15	35.70	36.34	37.61	38.89
Land	230.00	219.00	223.00	219.00	222.00
Total cost per acre	631.18	627.03	671.51	642.30	664.42
Assumed yield (bushels)	180	180	198	199	201
Total cost per bushel	\$3.51	\$3.48	\$3.39	\$3.23	\$3.31
Soybeans following corn²					
Machinery	\$67.40	\$68.67	\$68.43	\$68.11	\$63.86
Seed, chemicals, etc.	157.11	154.41	183.61	168.52	181.24
Labor	28.60	30.80	31.35	32.45	33.55
Land	230.00	219.00	223.00	219.00	222.00
Total cost per acre	483.11	472.89	506.38	488.09	500.65
Assumed yield (bushels)	50	50	56	56	56
Total cost per bushel	\$9.66	\$9.46	\$9.04	\$8.72	\$8.94
Alfalfa hay, annual production, 6 tons per acre, large round bales					
One-third of estimated costs	\$60.03	\$51.43	\$48.50	\$49.65	\$51.97
Annual fertilizer	109.05	121.48	135.37	129.37	129.37
Harvest machinery	140.80	144.40	141.60	141.20	130.80
Labor	69.33	74.67	76.00	78.67	81.33
Land	165.00	157.00	157.00	160.00	164.00
Total cost per acre	544.22	548.97	558.47	558.89	557.47
Assumed yield (ton)	6	6	6	6	6
Total cost per ton	\$90.70	\$91.49	\$93.08	\$93.15	\$92.91

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

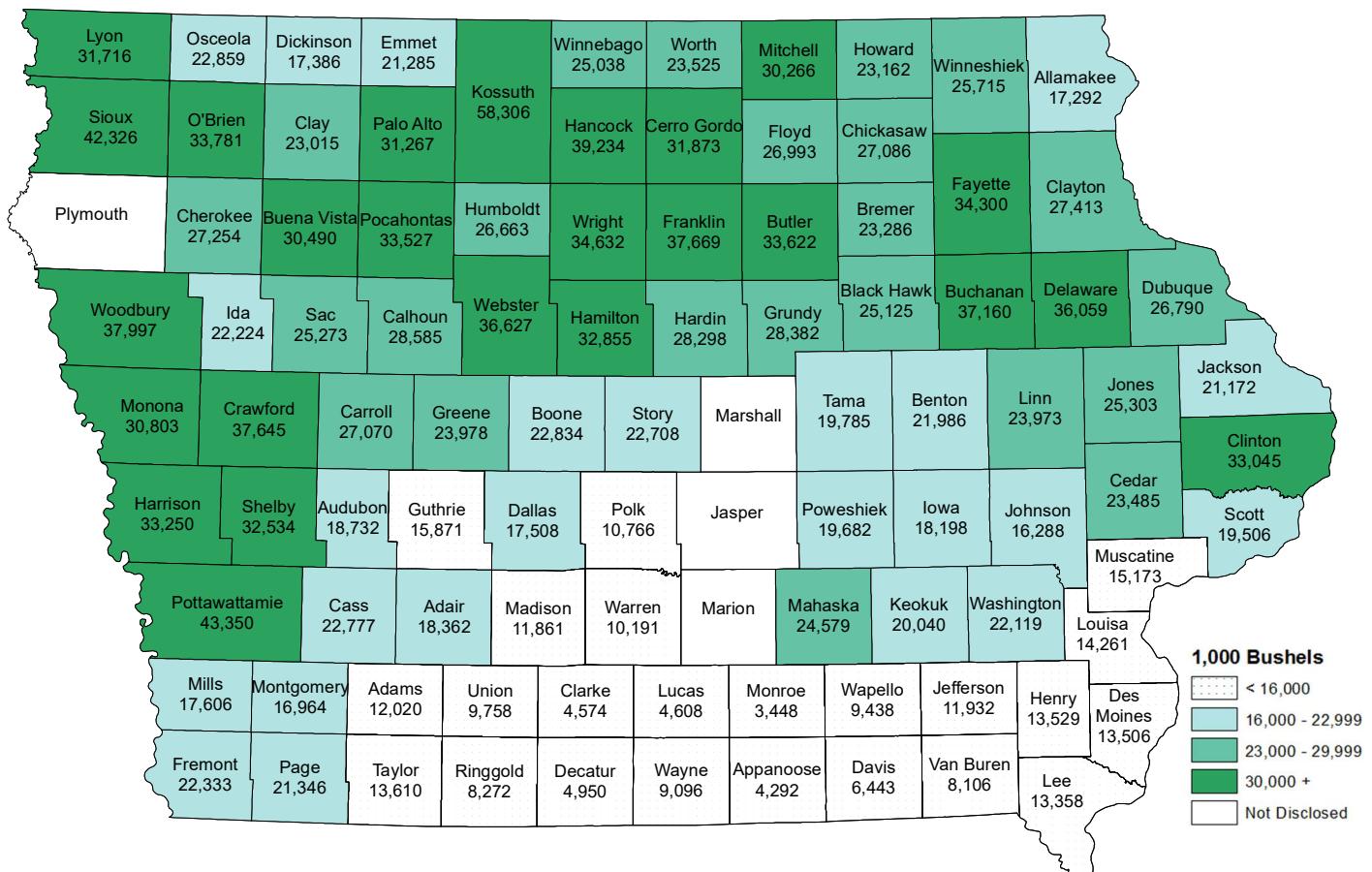
²Soybean estimates are for herbicide tolerant varieties.

Source: Iowa State University Extension and Outreach



Corn for Grain Production – Iowa: 2020

State Total: 2,296,200,000 Bushels



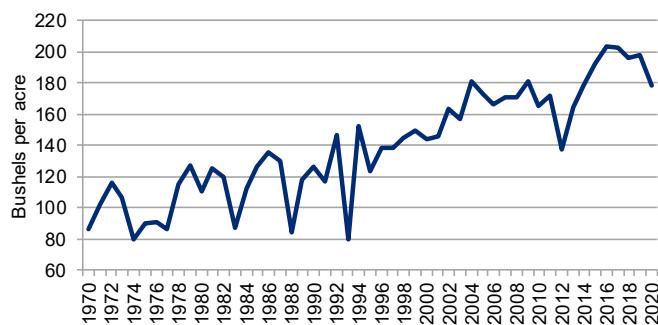
Corn, Area Planted for all Purposes
Iowa: 1970-2020



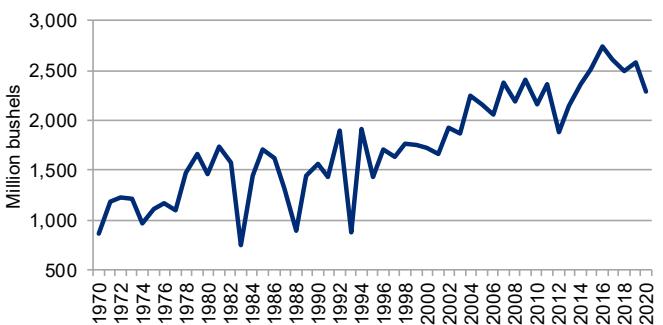
Corn for Grain, Area Harvested
Iowa: 1970-2020



Corn for Grain, Yield per Acre
Iowa: 1970-2020



Corn for Grain, Production
Iowa: 1970-2020



**Corn, Area Planted for All Purposes, Area Harvested for Grain, Yield, and Production –
Iowa by County: 2019-2020**

County by district	Area planted for all purposes		Area harvested for grain		Yield		Production	
	2019	2020	2019	2020	2019	2020	2019	2020
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
Northwest								
Butena Vista	170,500	167,500	167,900	164,900	190.8	184.9	32,043,000	30,490,000
Cherokee	153,000	151,500	150,400	145,900	208.9	186.8	31,424,000	27,254,000
Clay	151,000	153,500	136,600	136,100	185.5	169.1	25,344,000	23,015,000
Dickinson	94,000	97,800	91,700	94,900	170.0	183.2	15,590,000	17,386,000
Emmet	—	116,000	—	113,700	—	187.2	—	21,285,000
Lyon	189,000	191,000	164,200	160,100	186.6	198.1	30,632,000	31,716,000
O'Brien	178,000	178,000	146,100	168,400	204.9	200.6	29,936,000	33,781,000
Osceola	121,000	125,000	117,300	122,700	182.5	186.3	21,403,000	22,859,000
Palo Alto	163,000	175,000	158,300	171,700	198.3	182.1	31,397,000	31,267,000
Plymouth	236,500	—	231,000	—	217.8	—	50,320,000	—
Pocahontas	—	181,500	—	179,000	—	187.3	—	33,527,000
Sioux	265,000	263,000	200,000	208,500	192.2	203.0	38,430,000	42,326,000
North Central								
Butler	172,000	176,500	169,700	173,400	209.5	193.9	35,555,000	33,622,000
Cerro Gordo	173,000	176,000	169,300	173,600	191.8	183.6	32,467,000	31,873,000
Floyd	144,000	146,500	137,900	143,200	202.9	188.5	27,983,000	26,993,000
Franklin	207,500	213,000	205,000	208,000	202.7	181.1	41,559,000	37,669,000
Hancock	198,000	197,000	195,400	195,000	193.3	201.2	37,779,000	39,234,000
Humboldt	137,000	143,000	134,200	140,700	198.7	189.5	26,668,000	26,663,000
Kossuth	315,000	307,500	310,000	304,500	198.7	191.5	61,593,000	58,306,000
Mitchell	155,000	153,500	149,700	148,000	194.5	204.5	29,116,000	30,266,000
Winnebago	123,000	122,500	121,200	120,200	198.8	208.3	24,097,000	25,038,000
Worth	112,000	116,000	110,600	113,700	196.5	206.9	21,732,000	23,525,000
Wright	185,500	187,000	185,000	185,100	197.0	187.1	36,446,000	34,632,000
Northeast								
Allamakee	97,500	96,000	83,200	87,600	187.2	197.4	15,573,000	17,292,000
Black Hawk	147,000	150,000	145,100	147,100	205.1	170.8	29,762,000	25,125,000
Bremer	127,500	128,000	125,400	123,400	212.5	188.7	26,642,000	23,286,000
Buchanan	195,000	200,000	190,300	196,300	218.9	189.3	41,655,000	37,160,000
Chickasaw	151,500	153,500	144,000	145,000	212.1	186.8	30,547,000	27,086,000
Clayton	153,500	150,000	143,200	142,700	197.5	192.1	28,279,000	27,413,000
Delaware	201,000	200,000	193,200	188,300	204.6	191.5	39,520,000	36,059,000
Dubuque	151,000	152,500	141,300	135,100	216.4	198.3	30,573,000	26,790,000
Fayette	202,000	197,500	198,300	189,400	200.5	181.1	39,763,000	34,300,000
Howard	134,000	134,500	128,200	122,100	194.2	189.7	24,893,000	23,162,000
Winneshiek	173,000	167,500	157,800	143,500	200.4	179.2	31,626,000	25,715,000
West Central								
Audubon	109,500	112,000	108,200	109,100	216.0	171.7	23,370,000	18,732,000
Calhoun	180,000	182,000	177,300	178,100	198.8	160.5	35,248,000	28,585,000
Carroll	185,000	189,000	182,500	178,800	219.7	151.4	40,100,000	27,070,000
Crawford	208,000	211,000	204,500	206,500	234.7	182.3	47,992,000	37,645,000
Greene	176,500	171,500	174,900	155,100	201.4	154.6	35,220,000	23,978,000
Guthrie	113,000	110,500	111,100	104,300	196.7	152.2	21,849,000	15,871,000
Harrison	—	186,500	—	183,500	—	181.2	—	33,250,000
Ida	—	127,500	—	117,400	—	189.3	—	22,224,000
Monona	174,500	174,500	172,400	171,700	203.9	179.4	35,148,000	30,803,000
Sac	175,000	167,500	168,500	156,100	220.6	161.9	37,175,000	25,273,000
Shelby	174,000	175,000	171,800	169,800	217.3	191.6	37,336,000	32,534,000
Woodbury	211,000	208,500	201,500	197,800	218.2	192.1	43,961,000	37,997,000
Central								
Boone	163,500	162,500	161,700	141,300	194.8	161.6	31,498,000	22,834,000
Dallas	131,000	135,000	129,200	124,600	195.0	140.5	25,195,000	17,508,000
Grundy	167,500	164,500	166,000	154,500	209.8	183.7	34,825,000	28,382,000
Hamilton	195,500	200,500	194,000	196,500	198.2	167.2	38,454,000	32,855,000
Hardin	197,000	195,500	195,200	180,700	200.2	156.6	39,081,000	28,298,000
Jasper	181,000	—	179,400	—	209.3	—	37,550,000	—
Marshall	156,500	—	149,000	—	221.9	—	33,070,000	—
Polk	79,000	76,400	77,900	71,300	196.7	151.0	15,320,000	10,766,000
Poweshiek	154,500	150,000	152,100	141,600	200.3	139.0	30,467,000	19,682,000
Story	170,000	167,000	168,000	152,200	189.3	149.2	31,801,000	22,708,000
Tama	176,000	175,500	174,000	148,200	204.8	133.5	35,628,000	19,785,000
Webster	209,500	214,000	207,500	210,500	202.9	174.0	42,100,000	36,627,000

—continued

**Corn, Area Planted for All Purposes, Area Harvested for Grain, Yield, and Production –
Iowa by County: 2019-2020 (continued)**

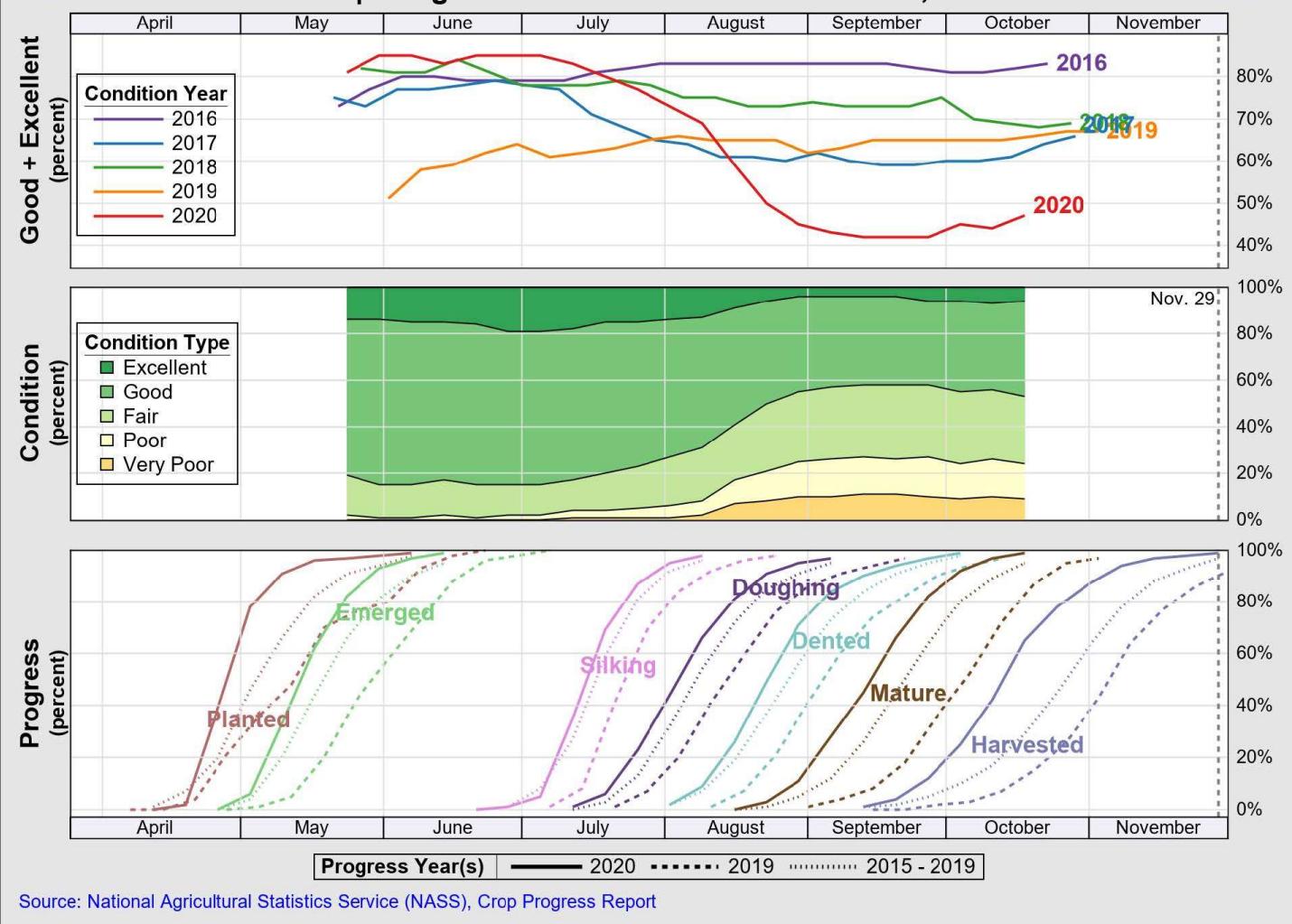
County by district	Area planted for all purposes		Area harvested for grain		Yield		Production	
	2019	2020	2019	2020	2019	2020	2019	2020
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
East Central								
Benton	195,000	192,500	187,800	151,000	197.6	145.6	37,105,000	21,986,000
Cedar	158,500	156,000	156,400	152,400	193.7	154.1	30,291,000	23,485,000
Clinton	189,000	192,500	178,300	184,200	196.1	179.4	34,965,000	33,045,000
Iowa	115,500	127,000	110,800	119,800	190.6	151.9	21,117,000	18,198,000
Jackson	119,500	122,500	110,000	113,400	185.5	186.7	20,402,000	21,172,000
Johnson	103,500	104,000	101,900	100,400	181.3	162.2	18,478,000	16,288,000
Jones	153,500	155,500	148,400	146,600	203.0	172.6	30,121,000	25,303,000
Linn	155,500	153,500	153,500	144,500	223.7	165.9	34,338,000	23,973,000
Muscatine	86,500	91,900	83,800	87,300	173.2	173.8	14,511,000	15,173,000
Scott	105,500	110,000	104,100	107,000	189.3	182.3	19,710,000	19,506,000
Southwest								
Adair	111,500	109,000	107,300	108,200	176.6	169.7	18,944,000	18,362,000
Adams	—	70,000	—	69,000	—	174.2	—	12,020,000
Cass	137,500	129,500	135,100	127,600	200.3	178.5	27,063,000	22,777,000
Fremont	—	115,000	—	114,000	—	195.9	—	22,333,000
Mills	84,300	97,300	83,300	96,100	202.9	183.2	16,899,000	17,606,000
Montgomery	93,200	92,700	92,300	91,400	204.8	185.6	18,902,000	16,964,000
Page	113,500	118,000	112,200	116,900	191.4	182.6	21,471,000	21,346,000
Pottawattamie	236,500	247,000	232,000	244,500	208.0	177.3	48,253,000	43,350,000
Taylor	85,700	82,300	84,400	81,400	161.7	167.2	13,651,000	13,610,000
South Central								
Appanoose	30,300	31,300	29,300	29,600	166.8	145.0	4,887,000	4,292,000
Clarke	—	32,500	—	29,300	—	156.1	—	4,574,000
Decatur	—	31,900	—	30,900	—	160.2	—	4,950,000
Lucas	—	31,700	—	30,700	—	150.1	—	4,608,000
Madison	67,700	69,500	67,000	68,600	175.7	172.9	11,772,000	11,861,000
Marion	75,400	—	73,300	—	170.7	—	12,515,000	—
Monroe	26,400	23,000	25,400	22,100	162.3	156.0	4,122,000	3,448,000
Ringgold	—	52,400	—	51,700	—	160.0	—	8,272,000
Union	55,500	55,700	54,600	54,000	168.9	180.7	9,223,000	9,758,000
Warren	—	61,400	—	60,300	—	169.0	—	10,191,000
Wayne	57,300	55,200	56,300	53,600	151.5	169.7	8,527,000	9,096,000
Southeast								
Davis	49,400	46,500	47,300	37,700	160.0	170.9	7,569,000	6,443,000
Des Moines	69,000	72,100	68,300	70,600	176.9	191.3	12,083,000	13,506,000
Henry	76,200	79,300	74,900	78,200	164.5	173.0	12,324,000	13,529,000
Jefferson	70,700	72,100	69,500	70,900	162.7	168.3	11,307,000	11,932,000
Keokuk	123,500	123,000	119,800	121,900	175.5	164.4	21,020,000	20,040,000
Lee	71,300	77,500	70,000	76,200	172.5	175.3	12,076,000	13,358,000
Louisa	78,800	79,200	77,800	78,100	174.6	182.6	13,587,000	14,261,000
Mahaska	131,500	136,000	128,300	135,200	189.9	181.8	24,364,000	24,579,000
Van Buren	47,400	53,800	45,000	52,500	171.0	154.4	7,694,000	8,106,000
Wapello	57,200	56,200	56,700	55,000	176.5	171.6	10,006,000	9,438,000
Washington	119,000	120,000	114,400	118,600	178.9	186.5	20,467,000	22,119,000
Other counties	985,700	649,300	962,300	577,200	188.5	176.4	181,401,000	101,820,000
Iowa	13,500,000	13,600,000	13,050,000	12,900,000	198.0	178.0	2,583,900,000	2,296,200,000

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

USDA

Crop Progress and Condition: Corn in Iowa , 2020

NASS



Source: National Agricultural Statistics Service (NASS), Crop Progress Report

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.

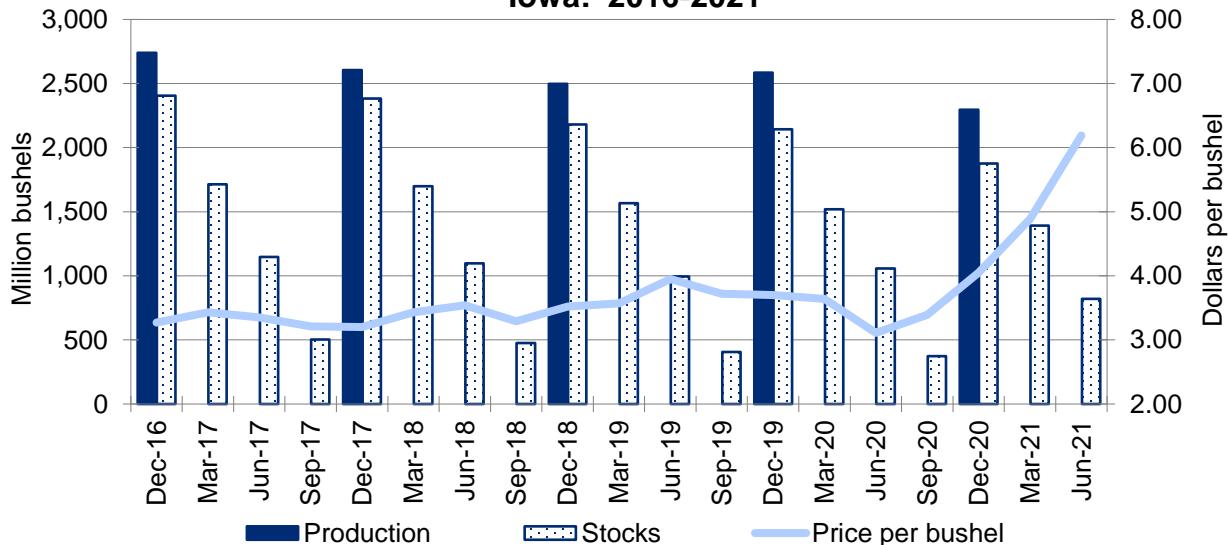
Corn Production, Stocks on Farms, and Total Stocks by Quarter – Iowa and United States: 2011-2021

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									
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	650,000	1,058,254	140,000	373,270
2020-2021	2,296,200	1,190,000	1,876,433	780,000	1,392,944	340,000	820,013	(NA)	(NA)
United States									
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	13,619,928	7,103,000	11,327,338	4,454,000	7,951,576	2,867,000	5,002,987	750,800	1,919,462
2020-2021	14,182,479	7,046,000	11,293,750	4,036,500	7,696,148	1,743,600	4,112,480	(NA)	(NA)

(NA) Not available.

Corn Production by Year, Stocks by Quarter, and Price by Month

Iowa: 2016-2021



Corn, Supply and Use – United States: Marketing Year 2011-2020

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)
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	13,831	14,688	6,531	5,124	5,002	1,921	13,454	1,232	33	9	4.46
2014-2015	1,232	14,217	15,481	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	2,221	13,620	15,883	6,286	4,857	5,900	1,777	13,963	1,919	50	14	3.56
2020-2021 ^{4,5}	1,919	14,182	16,127	6,510	5,075	5,725	2,775	15,010	1,117	27	7	4.40

¹September 1 – August 31.

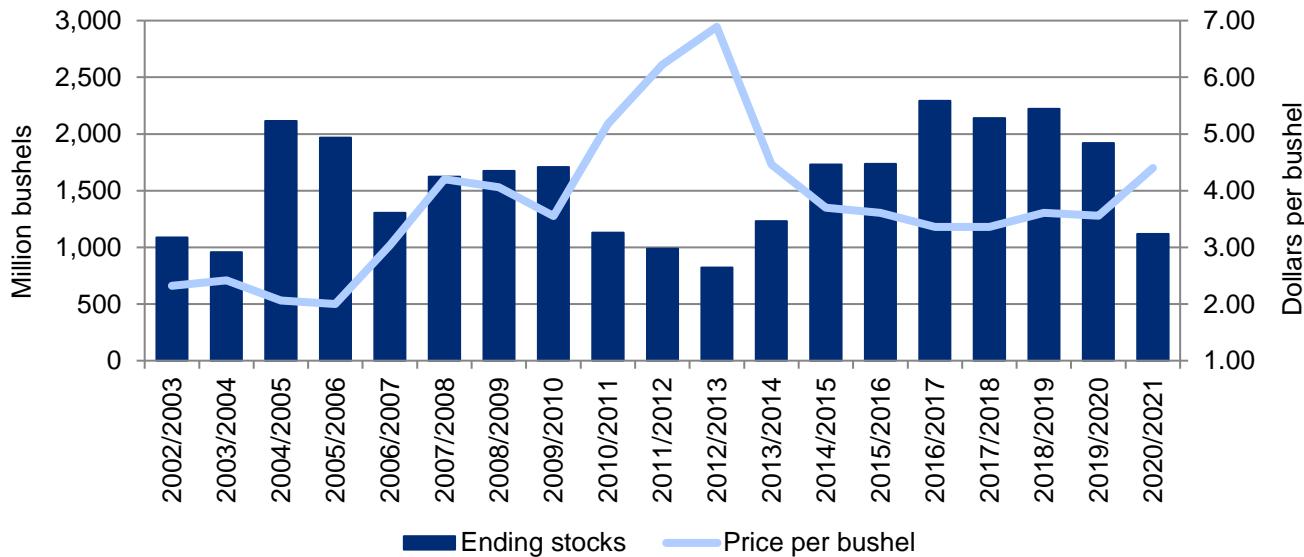
²Includes beginning stocks, production, and imports.

³Ending 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.

⁴Estimated.

⁵Source: World Agricultural Supply and Demand Estimates Report.

Corn Ending Stocks vs Market Year Average Price per Bushel United States: 2002-2020



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: 2016-2020

Year	September	October	November	Final
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
2020	31,050	31,000	31,050	31,050

Corn for Grain, Number of Ears per Acre – Iowa: 2016-2020

Year	September	October	November	Final
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
2020	30,600	30,450	30,550	30,550

Corn for Grain, Percentage Distribution by Plant Population per Acre – Iowa: 2016-2020

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
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
2020	0.0	0.0	4.3	9.4	21.7	64.6

Corn for Grain, Frequency of Farmer Reported Row Widths – Iowa: 2016-2020

Year	Less than 30 inches	30 inches	36 inches	38 inches	More than 38 inches
2016	12	213	4	4	0
2017	2	236	3	3	0
2018	12	234	2	1	0
2019	3	136	0	1	0
2020	9	140	5	3	0

Corn for Grain, Percentage Distribution by Measured Row Width and Average Row Width – Iowa: 2016-2020

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	
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
2020	138	2.9	79.7	11.6	2.9	2.9	0.0	30.1

Corn Prices Received by Farmers by Month – Iowa and United States: 2016-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep ¹	Oct	Nov	Dec	Marketing year average ²
<hr/>													
Iowa													
	(dollars per bushel)												
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	3.50
2020	3.78	3.74	3.64	3.28	3.12	3.11	3.14	3.08	3.39	3.61	3.82	4.05	(NA)
United States													
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	3.85	3.68	3.71	3.56
2020	3.79	3.78	3.68	3.29	3.20	3.16	3.21	3.12	3.40	3.61	3.79	3.97	(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.

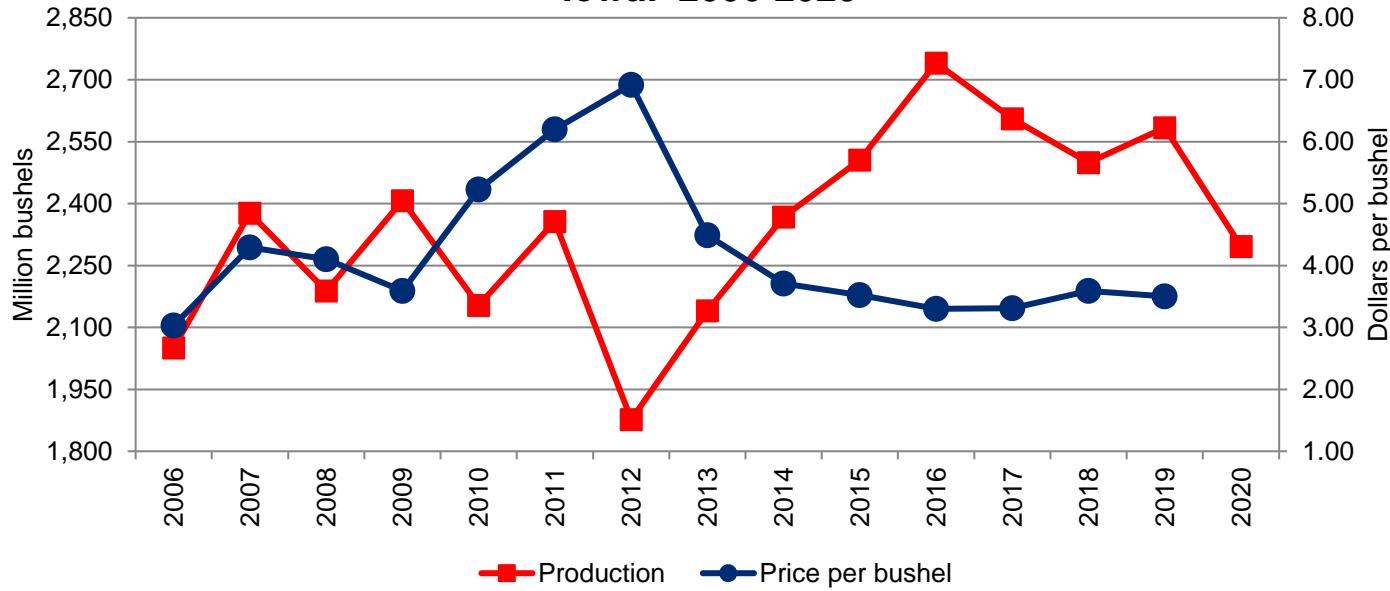
Corn Prices Received – Iowa by District: Market Year Average 2015-2019

[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
<hr/>									
	(dollars per bushel)								
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
2019-2020	3.51	3.45	3.49	3.50	3.50	3.56	3.54	3.47	3.44

Corn Production and Market Year Average Prices

Iowa: 2006-2020



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.

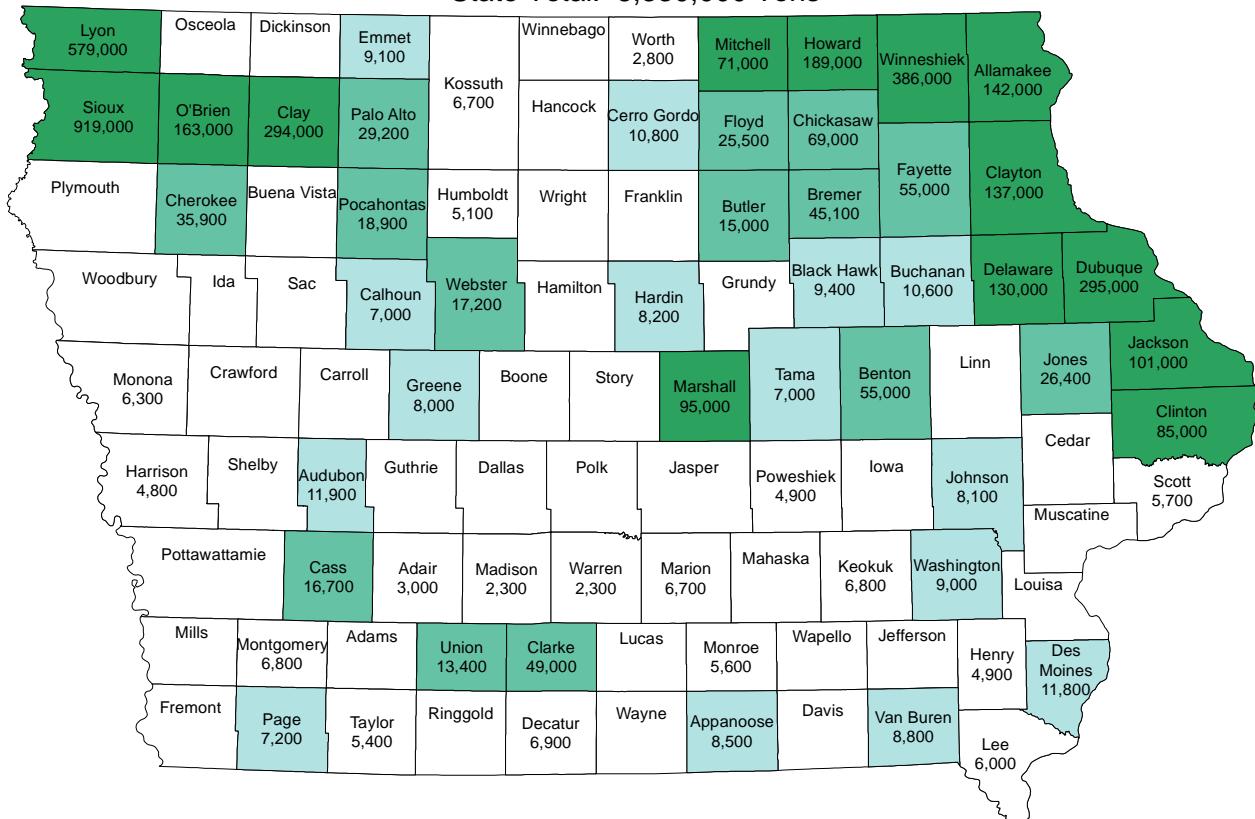
Corn Biotechnology Varieties, Percent of All Planted Acres – Iowa and United States: 2012-2021

Year	All planted acres (1,000 acres)	Insect resistant (Bt) (percent)	Herbicide resistant (percent)	Stacked gene varieties (percent)	All biotech varieties (percent)
Iowa					
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	13,600	3	8	79	90
2021	12,900	4	9	80	93
United States					
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	89,745	3	9	80	92
2020	90,819	3	10	79	92
2021	93,304	3	9	81	93



Corn for Silage Production – Iowa: 2020

State Total: 5,330,000 Tons



Corn for Silage, Area Harvested, Yield, and Production – Iowa by County: 2019-2020

County by district	Area harvested		Yield		Production	
	2019	2020	2019	2020	2019	2020
(acres)	(acres)	(tons per acre)	(tons per acre)	(tons)	(tons)	
Northwest						
Cherokee.....	–	1,710	–	21.0	–	35,900
Clay.....	13,000	14,700	14.5	20.0	189,000	294,000
Emmet.....	–	490	–	18.5	–	9,100
Lyon.....	–	26,300	–	22.0	–	579,000
O'Brien.....	–	7,560	–	21.5	–	163,000
Palo Alto.....	–	1,510	–	19.5	–	29,200
Pocahontas.....	–	880	–	21.5	–	18,900
Sioux.....	–	41,200	–	22.5	–	919,000
North Central						
Butler.....	–	880	–	17.0	–	15,000
Cerro Gordo	–	480	–	22.5	–	10,800
Floyd.....	–	1,310	–	19.5	–	25,500
Humboldt.....	–	250	–	20.5	–	5,100
Kossuth.....	–	310	–	21.5	–	6,700
Mitchell.....	–	3,450	–	20.5	–	71,000
Winnebago	940	–	18.5	–	17,300	–
Worth	–	140	–	20.0	–	2,800
Northeast						
Allamakee	–	6,450	–	22.0	–	142,000
Black Hawk.....	–	700	–	13.5	–	9,400
Bremer	–	2,200	–	20.5	–	45,100
Buchanan.....	–	530	–	20.0	–	10,600
Chickasaw.....	–	3,800	–	18.0	–	69,000
Clayton.....	–	5,810	–	23.5	–	137,000
Delaware.....	–	5,780	–	22.5	–	130,000
Dubuque.....	–	13,400	–	22.0	–	295,000
Fayette.....	–	2,550	–	21.5	–	55,000
Howard.....	–	8,570	–	22.0	–	189,000
Winneshiek.....	–	19,300	–	20.0	–	386,000

–continued

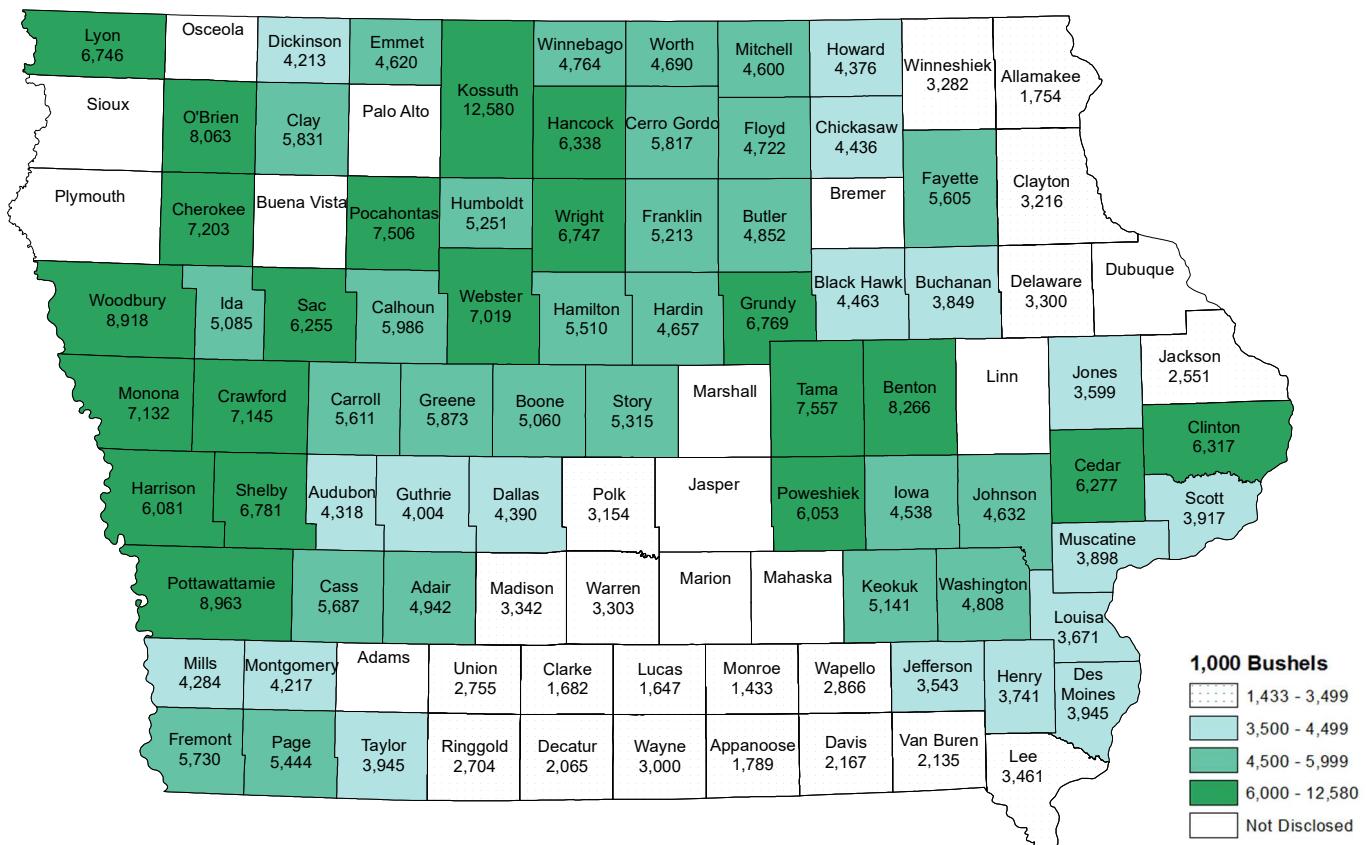
Corn for Silage, Area Harvested, Yield and Production – Iowa by County: 2019-2020 (continued)

County by district	Area harvested		Yield		Production	
	2019	2020	2019	2020	2019	2020
	(acres)	(acres)	(tons per acre)	(tons per acre)	(tons)	(tons)
West Central						
Audubon	—	700	—	17.0	—	11,900
Calhoun	—	370	—	19.0	—	7,000
Greene	660	430	21.5	18.5	14,200	8,000
Harrison.....	—	250	—	19.0	—	4,800
Monona	—	350	—	18.0	—	6,300
Central						
Boone	750	—	23.0	—	17,300	—
Hardin.....	—	400	—	20.5	—	8,200
Marshall	6,710	6,550	25.5	14.5	171,000	95,000
Poweshiek	—	270	—	18.0	—	4,900
Tama	—	480	—	14.5	—	7,000
Webster	—	930	—	18.5	—	17,200
East Central						
Benton	—	3,130	—	17.5	—	55,000
Clinton	—	4,480	—	19.0	—	85,000
Jackson	—	5,620	—	18.0	—	101,000
Johnson.....	—	520	—	15.5	—	8,100
Jones.....	—	1,510	—	17.5	—	26,400
Scott	—	380	—	15.0	—	5,700
Southwest						
Adair.....	3,940	160	25.5	19.0	101,000	3,000
Cass	—	900	—	18.5	—	16,700
Montgomery.....	—	410	—	16.5	—	6,800
Page.....	—	370	—	19.5	—	7,200
Taylor	—	290	—	18.5	—	5,400
South Central						
Appanoose	—	650	—	13.0	—	8,500
Clarke.....	—	2,690	—	18.0	—	49,000
Decatur.....	—	420	—	16.5	—	6,900
Madison.....	—	160	—	14.5	—	2,300
Marion	—	460	—	14.5	—	6,700
Monroe	—	360	—	15.5	—	5,600
Union.....	680	890	16.0	15.0	11,000	13,400
Warren.....	—	150	—	15.5	—	2,300
Wayne	810	—	17.0	—	13,600	—
Southeast						
Davis	1,840	—	20.5	—	37,800	—
Des Moines	—	620	—	19.0	—	11,800
Henry.....	—	270	—	18.0	—	4,900
Keokuk	—	360	—	19.0	—	6,800
Lee	—	340	—	17.5	—	6,000
Louisa	720	—	20.5	—	14,800	—
Van Buren.....	—	570	—	15.5	—	8,800
Washington.....	—	530	—	17.0	—	9,000
Other counties	329,950	52,770	21.0	20.0	7,333,000	1,044,300
Iowa	360,000	260,000	22.0	20.5	7,920,000	5,330,000

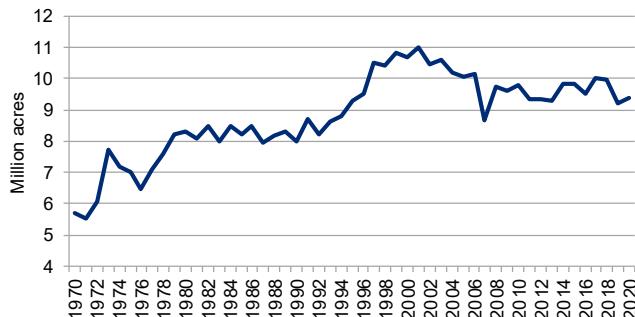
— Data does not meet publication standards but is published in "Other counties" or represents zero.

Soybean Production – Iowa: 2019

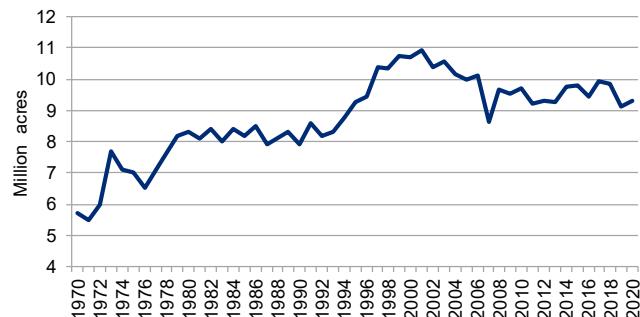
State Total: 493,960,000 Bushels



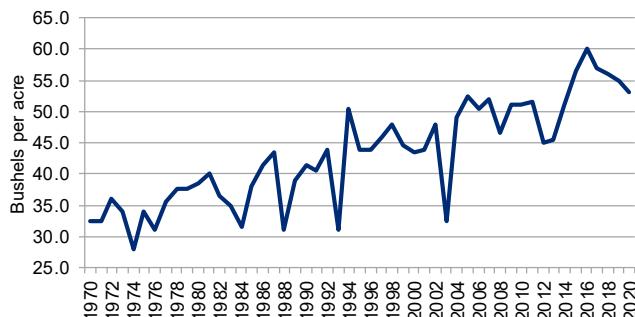
Soybeans, Acres Planted for all Purposes
Iowa: 1970-2020



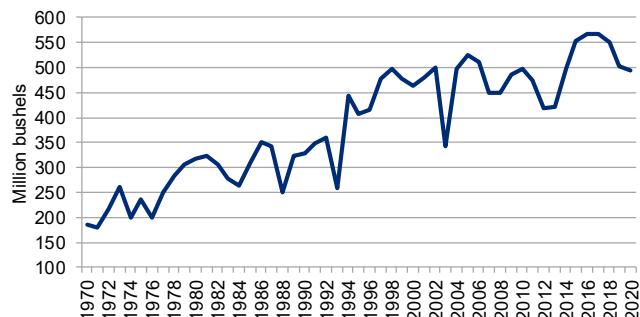
Soybeans, Acres Harvested
Iowa: 1970-2020



Soybeans, Yield per Acre
Iowa: 1970-2020



Soybeans, Production
Iowa: 1970-2020



Soybeans for Beans, Area Planted, Harvested, Yield, and Production – Iowa by County: 2019-2020

County by district	Area planted		Area harvested		Yield		Production	
	2019	2020	2019	2020	2019	2020	2019	2020
Northwest	(acres)	(acres)	(acres)	(acres)	(bushels)	(bushels)	(bushels)	(bushels)
Buena Vista	137,000	—	135,800	—	53.5	—	7,268,000	—
Cherokee	129,000	129,500	128,100	128,400	58.8	56.1	7,536,000	7,203,000
Clay	115,000	119,000	113,500	118,000	50.9	49.4	5,775,000	5,831,000
Dickinson	75,600	78,000	75,100	77,300	51.3	54.5	3,849,000	4,213,000
Emmet	—	84,700	—	84,000	—	55.0	—	4,620,000
Lyon	111,500	114,000	110,600	113,000	54.8	59.7	6,063,000	6,746,000
O'Brien	132,000	133,500	131,100	132,400	56.0	60.9	7,344,000	8,063,000
Osceola	91,000	—	90,200	—	50.5	—	4,551,000	—
Palo Alto	108,000	—	107,200	—	55.6	—	5,955,000	—
Pocahontas	—	141,500	—	140,300	—	53.5	—	7,506,000
Sioux	138,000	—	136,700	—	60.8	—	8,314,000	—
North Central								
Butler	94,600	92,000	93,400	91,200	55.0	53.2	5,137,000	4,852,000
Cerro Gordo	103,000	99,900	102,200	99,100	52.7	58.7	5,383,000	5,817,000
Floyd	90,200	89,900	89,500	89,100	54.3	53.0	4,857,000	4,722,000
Franklin	99,300	96,800	98,500	96,000	54.1	54.3	5,326,000	5,213,000
Hancock	108,000	108,500	107,100	107,600	49.6	58.9	5,309,000	6,338,000
Humboldt	100,500	94,900	99,700	94,100	54.9	55.8	5,469,000	5,251,000
Kossuth	204,500	214,500	203,000	213,000	57.4	59.1	11,656,000	12,580,000
Mitchell	77,500	79,600	76,900	78,900	49.8	58.3	3,828,000	4,600,000
Winnebago	79,800	80,500	79,200	79,800	54.2	59.7	4,289,000	4,764,000
Worth	83,600	82,600	82,500	82,000	51.0	57.2	4,205,000	4,690,000
Wright	126,000	124,000	125,000	122,900	54.1	54.9	6,762,000	6,747,000
Northeast								
Allamakee	—	30,700	—	30,400	—	57.7	—	1,754,000
Black Hawk	89,600	84,600	88,700	83,900	51.9	53.2	4,605,000	4,463,000
Bremer	63,000	—	62,600	—	52.5	—	3,287,000	—
Buchanan	73,100	69,700	72,500	69,100	55.2	55.7	4,003,000	3,849,000
Chickasaw	81,500	81,400	80,800	80,800	54.5	54.9	4,404,000	4,436,000
Clayton	50,300	55,000	49,700	54,500	56.4	59.0	2,802,000	3,216,000
Delaware	—	55,500	—	55,000	—	60.0	—	3,300,000
Dubuque	36,500	—	36,100	—	60.2	—	2,173,000	—
Fayette	98,700	103,000	97,900	102,100	55.5	54.9	5,435,000	5,605,000
Howard	81,500	82,500	81,000	81,800	52.1	53.5	4,222,000	4,376,000
Winneshiek	55,400	62,900	55,000	62,400	55.6	52.6	3,056,000	3,282,000
West Central								
Audubon	94,000	91,900	93,200	91,100	58.9	47.4	5,487,000	4,318,000
Calhoun	132,500	129,000	131,600	127,900	55.1	46.8	7,257,000	5,986,000
Carroll	111,000	105,500	110,200	104,300	58.8	53.8	6,484,000	5,611,000
Crawford	140,500	135,500	139,500	134,300	61.9	53.2	8,639,000	7,145,000
Greene	119,500	123,000	118,700	122,100	54.2	48.1	6,432,000	5,873,000
Guthrie	88,800	90,400	88,200	89,600	54.2	44.7	4,779,000	4,004,000
Harrison	—	120,000	—	119,000	—	51.1	—	6,081,000
Ida	—	94,100	—	93,300	—	54.5	—	5,085,000
Monona	128,000	131,000	126,600	129,900	55.8	54.9	7,058,000	7,132,000
Sac	131,000	136,500	130,000	135,400	59.3	46.2	7,715,000	6,255,000
Shelby	135,000	132,000	134,100	130,900	58.7	51.8	7,878,000	6,781,000
Woodbury	154,000	161,500	152,600	160,100	56.8	55.7	8,670,000	8,918,000

—continued

Soybeans for Beans, Area Planted, Harvested, Yield, and Production – Iowa by County: 2019-2020 (continued)

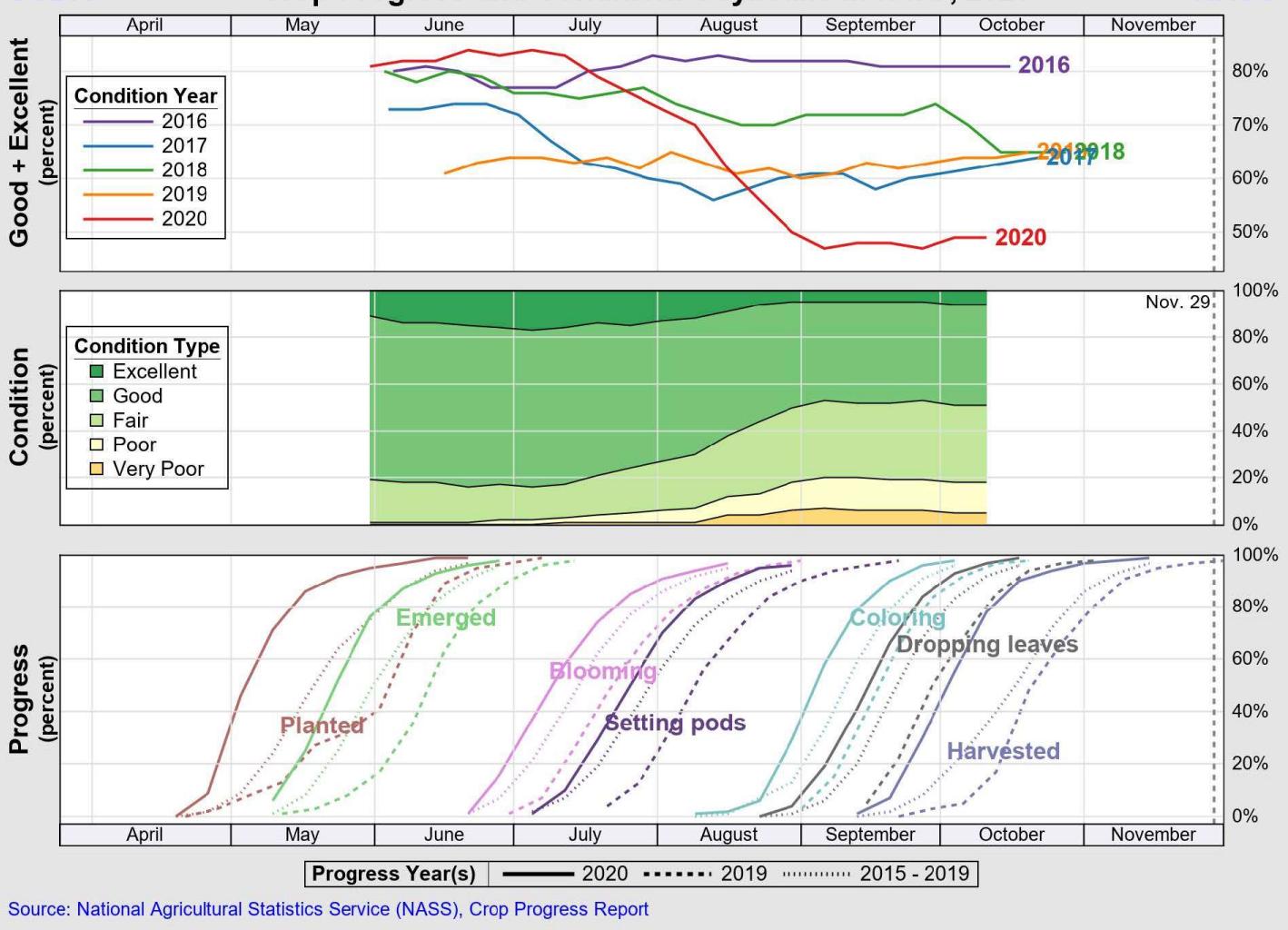
County by district	Area planted		Area harvested		Yield		Production	
	2019	2020	2019	2020	2019	2020	2019	2020
	(acres)	(acres)	(acres)	(acres)	(bushels)	(bushels)	(bushels)	(bushels)
Central								
Boone	101,500	102,000	100,800	101,200	53.2	50.0	5,359,000	5,060,000
Dallas	103,000	97,400	101,800	96,600	54.4	45.4	5,535,000	4,390,000
Grundy	115,000	114,500	114,200	113,200	56.3	59.8	6,435,000	6,769,000
Hamilton	111,000	110,000	110,200	109,100	51.4	50.5	5,668,000	5,510,000
Hardin	87,200	90,600	86,600	89,900	53.9	51.8	4,665,000	4,657,000
Jasper	134,500	—	133,600	—	56.5	—	7,553,000	—
Marshall	114,500	—	113,700	—	60.6	—	6,894,000	—
Polk	63,300	64,600	62,800	64,100	51.0	49.2	3,201,000	3,154,000
Poweshiek	106,500	113,500	105,800	112,500	53.4	53.8	5,649,000	6,053,000
Story	104,000	104,500	103,300	103,600	50.0	51.3	5,161,000	5,315,000
Tama	136,500	138,000	135,200	136,900	53.4	55.2	7,219,000	7,557,000
Webster	146,000	143,000	145,000	141,800	49.1	49.5	7,117,000	7,019,000
East Central								
Benton	149,000	149,500	147,900	148,400	57.9	55.7	8,564,000	8,266,000
Cedar	—	114,500	—	113,500	—	55.3	—	6,277,000
Clinton	109,500	114,000	108,600	113,000	59.5	55.9	6,458,000	6,317,000
Iowa	94,500	93,500	92,800	92,800	52.3	48.9	4,850,000	4,538,000
Jackson	—	47,900	—	47,500	—	53.7	—	2,551,000
Johnson	85,400	92,700	84,800	91,000	55.5	50.9	4,707,000	4,632,000
Jones	68,400	68,400	67,600	67,900	57.2	53.0	3,868,000	3,599,000
Linn	96,300	—	95,600	—	56.5	—	5,401,000	—
Muscatine	68,800	72,000	68,300	71,400	55.2	54.6	3,771,000	3,898,000
Scott	67,300	66,000	66,800	65,400	60.5	59.9	4,042,000	3,917,000
Southwest								
Adair	101,500	105,500	100,900	104,700	53.3	47.2	5,376,000	4,942,000
Cass	112,000	118,500	111,300	117,500	56.9	48.4	6,330,000	5,687,000
Fremont	—	107,500	—	106,500	—	53.8	—	5,730,000
Mills	—	89,500	—	88,700	—	48.3	—	4,284,000
Montgomery	87,800	88,000	87,300	87,300	58.3	48.3	5,090,000	4,217,000
Page	110,500	106,500	109,700	105,700	55.9	51.5	6,136,000	5,444,000
Pottawattamie	184,500	192,000	183,200	190,300	58.5	47.1	10,710,000	8,963,000
Taylor	80,700	86,100	80,200	85,400	49.9	46.2	3,999,000	3,945,000
South Central								
Appanoose	—	47,100	—	46,600	—	38.4	—	1,789,000
Clarke	—	37,600	—	37,300	—	45.1	—	1,682,000
Decatur	—	44,800	—	44,400	—	46.5	—	2,065,000
Lucas	—	38,600	—	38,300	—	43.0	—	1,647,000
Madison	68,500	66,900	67,700	66,300	52.3	50.4	3,538,000	3,342,000
Marion	70,100	—	69,400	—	54.0	—	3,746,000	—
Monroe	26,200	32,500	25,900	32,200	56.1	44.5	1,454,000	1,433,000
Ringgold	—	54,900	—	54,400	—	49.7	—	2,704,000
Union	50,700	54,200	50,200	53,800	53.7	51.2	2,696,000	2,755,000
Warren	64,800	68,600	63,400	68,100	52.3	48.5	3,318,000	3,303,000
Wayne	58,900	69,100	57,800	68,500	52.5	43.8	3,033,000	3,000,000
Southeast								
Davis	47,000	53,000	46,000	52,600	54.6	41.2	2,512,000	2,167,000
Des Moines	62,300	66,800	61,700	66,300	55.1	59.5	3,398,000	3,945,000
Henry	68,800	70,000	68,200	69,400	56.9	53.9	3,883,000	3,741,000
Jefferson	64,900	67,700	64,200	67,100	53.3	52.8	3,422,000	3,543,000
Keokuk	97,000	102,500	95,900	101,600	55.8	50.6	5,354,000	5,141,000
Lee	68,100	68,200	67,500	67,600	54.8	51.2	3,696,000	3,461,000
Louisa	66,100	70,700	65,000	70,200	54.3	52.3	3,531,000	3,671,000
Mahaska	100,500	—	99,100	—	53.7	—	5,324,000	—
Van Buren	50,000	49,700	49,500	49,300	53.9	43.3	2,668,000	2,135,000
Wapello	48,700	56,700	48,200	56,200	55.5	51.0	2,677,000	2,866,000
Washington	89,600	92,900	88,700	92,100	54.7	52.2	4,853,000	4,808,000
Other counties	1,290,600	1,358,200	1,279,300	1,346,800	54.3	55.6	69,477,000	74,845,000
Iowa	9,200,000	9,400,000	9,120,000	9,320,000	55.0	53.0	501,600,000	493,960,000

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

USDA

Crop Progress and Condition: Soybeans in Iowa , 2020

NASS



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.

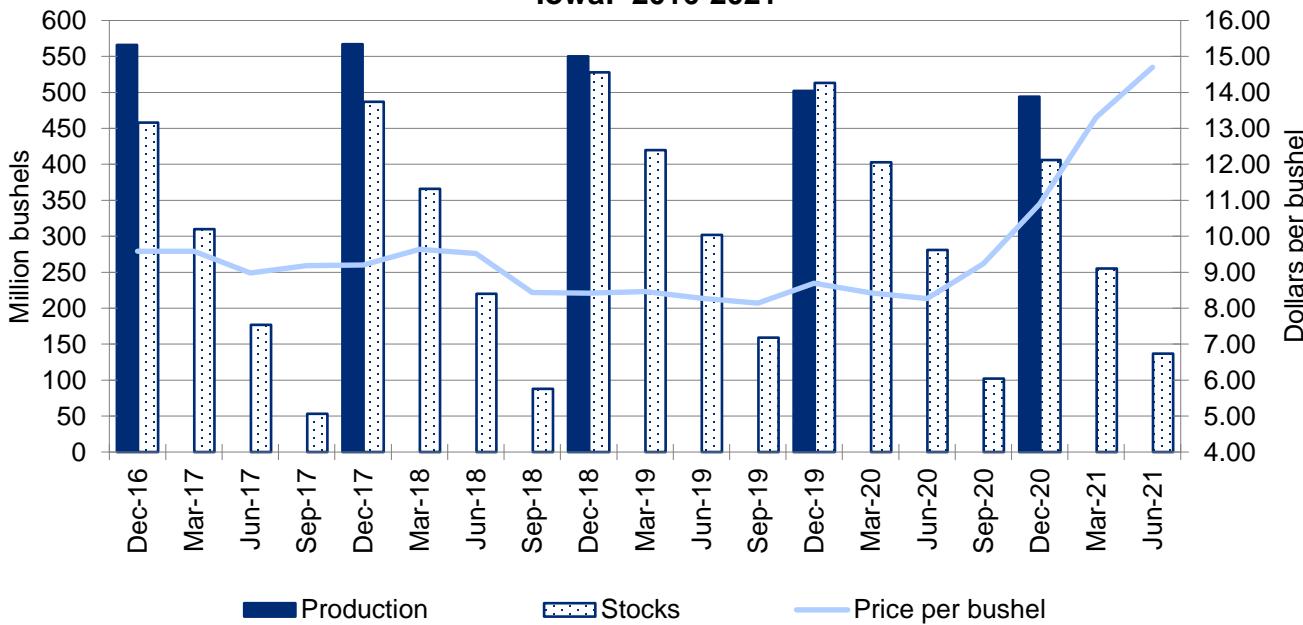
Excellent: Yield prospects are above normal and crops are experiencing little or no stress. Disease, insect damage, and weed pressures are insignificant.

Soybean Production, Stocks on Farms, and Total Stocks by Quarter – Iowa and United States: 2011-2021

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									
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	280,905	26,000	102,231
2020-2021	493,960	160,000	406,344	95,000	254,946	39,000	136,533	(NA)	(NA)
United States									
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	3,551,908	1,519,500	3,252,488	1,011,500	2,254,882	633,000	1,381,394	141,200	524,541
2020-2021	4,135,477	1,308,500	2,946,740	594,000	1,561,684	219,900	766,781	(NA)	(NA)

(NA) Not available.

Soybean Production by Year, Stocks by Quarter, and Price by Month Iowa: 2016-2021



Soybeans, Supply and Use – United States: Marketing Year 2011-2020

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 and residual use	Exports	Total use				
2011-2012	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	20	5	\$12.50
2012-2013	215	3,097	3,328	1,703	91	1,365	3,159	169	17	5	\$14.40
2013-2014	169	3,042	3,252	1,689	95	1,328	3,111	141	10	3	\$13.00
2014-2015	141	3,357	3,569	1,734	105	1,639	3,477	92	18	5	\$10.10
2015-2016	92	3,928	4,053	1,873	147	1,842	3,863	191	18	5	\$8.95
2016-2017	191	3,927	4,141	1,886	115	1,943	3,944	197	26	7	\$9.47
2017-2018	197	4,296	4,515	1,901	146	2,166	4,214	302	37	10	\$9.33
2018-2019	302	4,412	4,735	2,055	109	2,134	4,297	438	84	23	\$8.48
2019-2020	438	4,428	4,880	2,092	127	1,752	3,971	909	48	13	\$8.57
2020-2021 ^{4,5}	909	3,552	4,476	2,165	108	1,679	3,952	525	13	4	\$10.90

¹ September 1 – August 31.

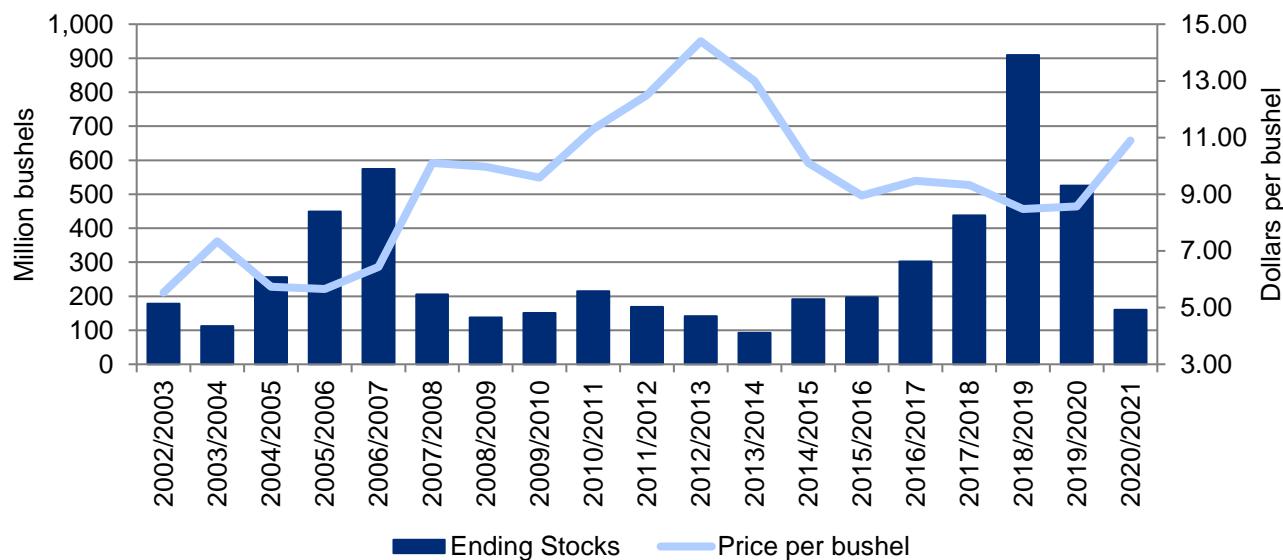
² Includes beginning stocks, production, and imports.

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: 2002-2020



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: 2016-2020

Year	September	October	November	Final
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
2020	1,675	1,933	1,927	1,927

Soybeans, Frequency of Farmer Reported Row Widths – Iowa: 2016-2020

Year	Less than 7.5 inches ¹	7.5 inches	15 inches	30 inches	More than 30 inches
2016	1	6	73	100	2
2017	1	3	80	94	1
2018	1	11	77	88	3
2019	1	9	51	66	0
2020	1	8	63	85	3

¹ Includes broadcast soybeans.

Soybeans, Percentage Distribution by Measured Row Width and Average Row Width – Iowa: 2016-2020

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	
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
2020	162	3.4	32.4	10.8	52.2	1.2	23.8

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: 2016-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep ¹	Oct	Nov	Dec	Market year average ²
(dollars per bushel)													
Iowa													
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	8.48
2020	8.73	8.56	8.43	8.35	8.28	8.27	8.48	8.64	9.24	9.59	10.30	10.90	(NA)
United States													
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	8.57
2020	8.84	8.60	8.47	8.35	8.28	8.34	8.50	8.66	9.24	9.63	10.30	10.50	(NA)

(NA) Not available.

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

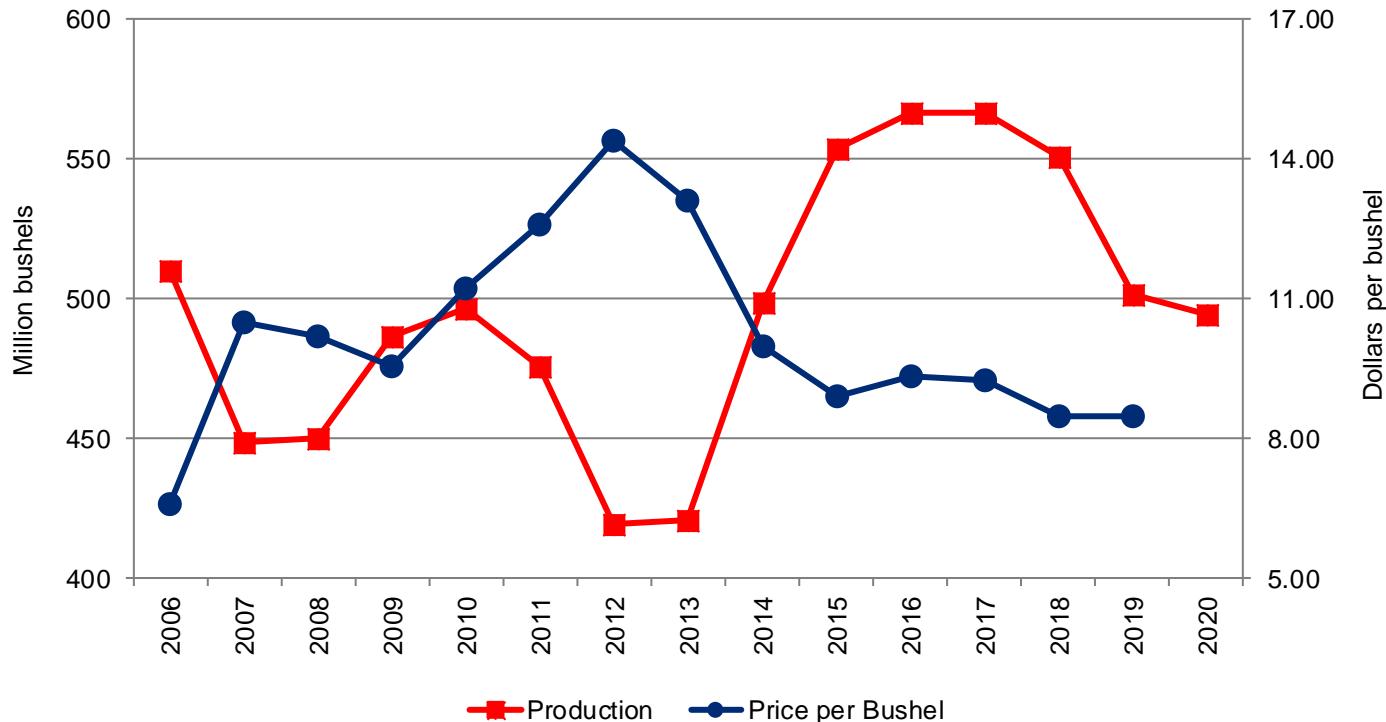
² Market year average price does not include any grain forfeited to CCC. For crops, market year prices are computed by weighting monthly prices by estimated monthly marketings.

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

[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)									
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
2019-2020	8.36	8.40	8.51	8.49	8.47	8.67	8.48	8.52	8.55

Soybean Production and Market Year Average Prices Iowa: 2006-2020

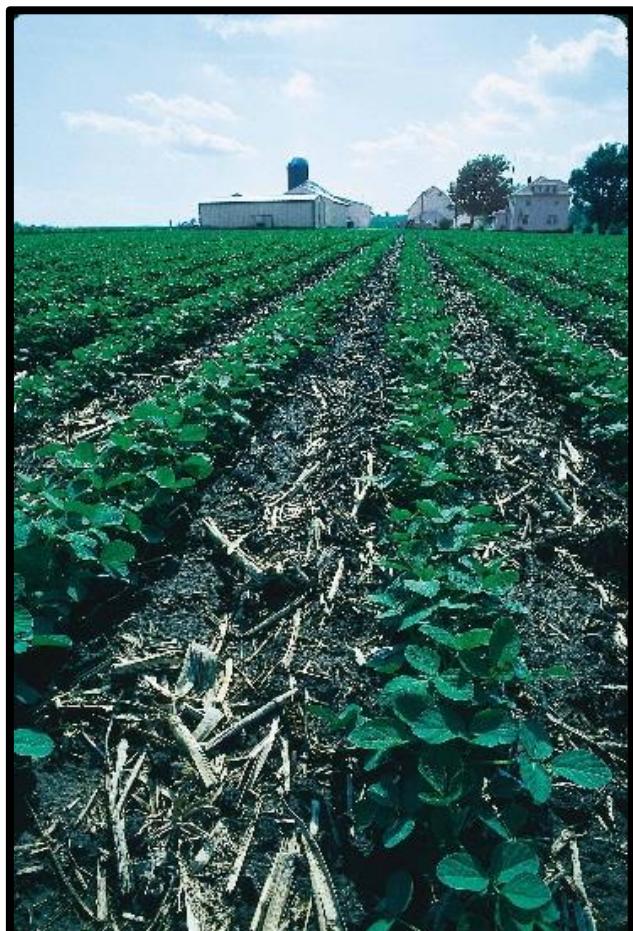


Biotechnology Varieties – Iowa and U.S.

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.

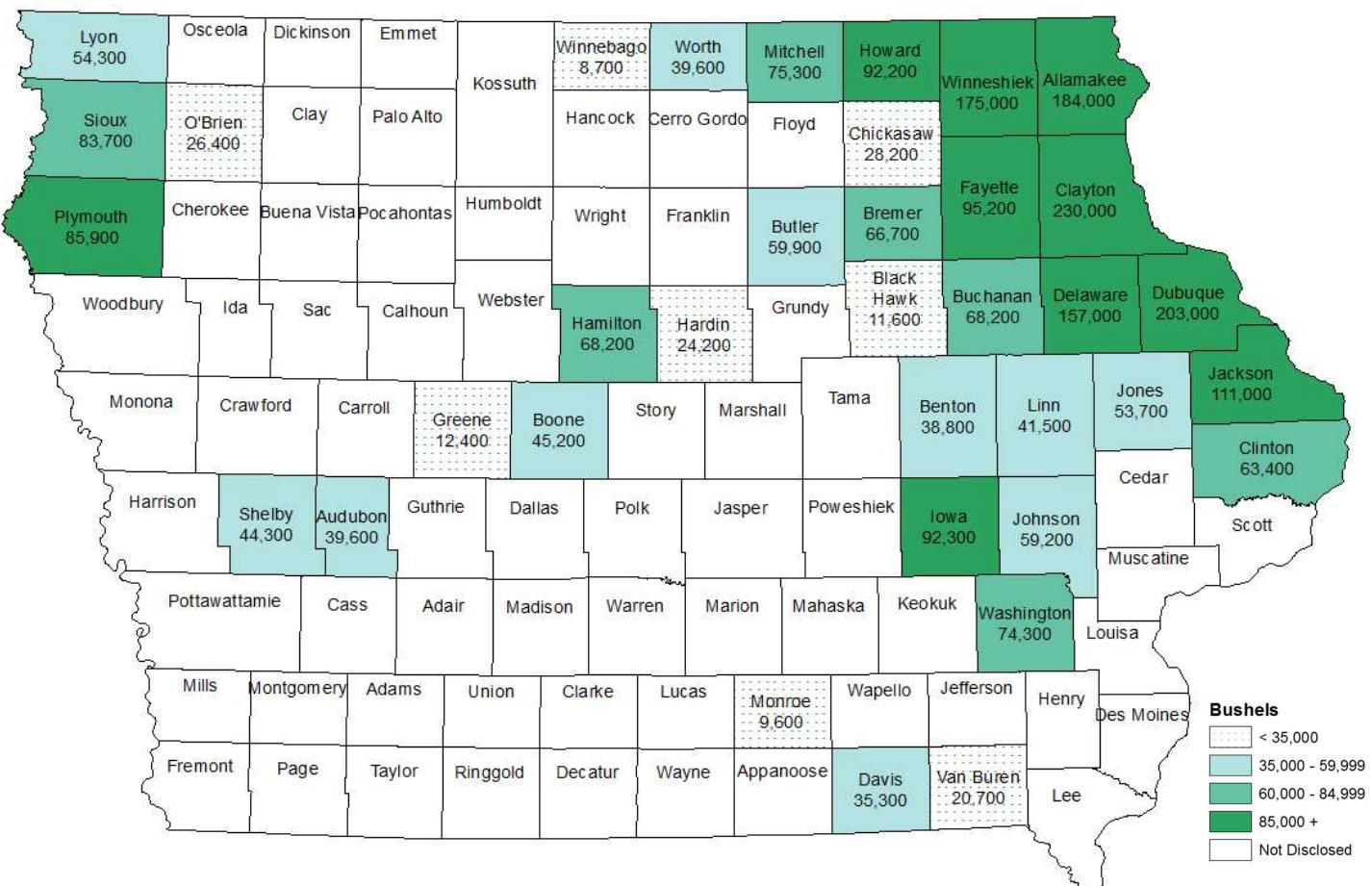
Soybean Biotechnology Varieties, Percent of All Planted Acres – Iowa and United States: 2012-2021

Year	Acres planted (1,000 acres)	Herbicide resistant (percent)	All biotech varieties (percent)
Iowa			
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
2021	10,100	97	97
United States			
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	83,084	94	94
2021	87,235	95	95

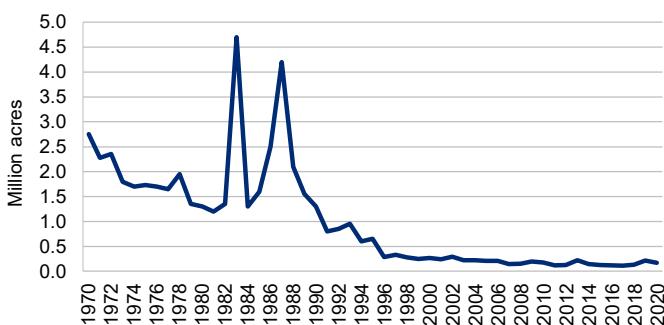


Oat Production – Iowa: 2020

State Total: 5,694,000 Bushels



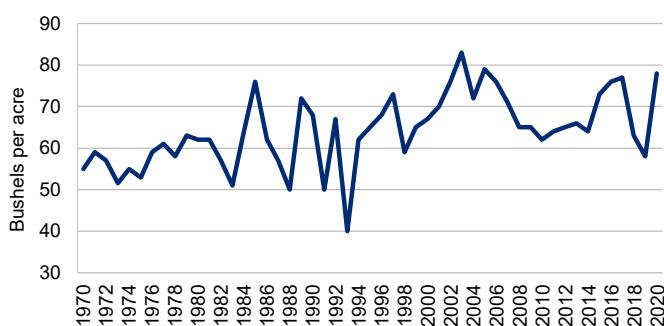
Oats, Planted Acres
Iowa: 1970-2020



Oats, Harvested Acres
Iowa: 1970-2020



Oats, Yield per Acre
Iowa: 1970-2020



Oats, Production
Iowa: 1970-2020



Oats Area Planted, Harvested, Yield and Production – Iowa by County: 2019-2020

County by district	Area planted		Area harvested		Yield per acre		Production	
	2019	2020	2019	2020	2019	2020	2019	2020
	(acres)	(acres)	(acres)	(acres)	(bushels)	(bushels)	(bushels)	(bushels)
Northwest								
Lyon	800	1,100	360	680	69.2	79.9	24,900	54,300
O'Brien	700	500	330	330	59.7	80.0	19,700	26,400
Osceola	500	—	100	—	48.0	—	4,800	—
Plymouth	1,800	1,500	430	910	71.2	94.4	30,600	85,900
Sioux	1,300	1,100	260	790	71.2	105.9	18,500	83,700
North Central								
Butler	—	1,200	—	850	—	70.5	—	59,900
Kossuth	4,600	—	4,130	—	52.1	—	215,000	—
Mitchell.....	—	1,300	—	840	—	89.6	—	75,300
Winnebago.....	—	300	—	120	—	72.5	—	8,700
Worth	—	700	—	470	—	84.3	—	39,600
Northeast								
Allamakee	10,400	8,500	2,560	2,950	60.2	62.4	154,000	184,000
Black Hawk	—	800	—	150	—	77.3	—	11,600
Bremer	1,600	1,800	230	740	77.0	90.1	17,700	66,700
Buchanan	2,100	1,500	990	940	61.2	72.6	60,600	68,200
Chickasaw	2,200	1,800	220	370	60.5	76.2	13,300	28,200
Clayton	9,100	8,300	1,190	3,580	60.3	64.2	71,800	230,000
Delaware.....	—	4,700	—	1,920	—	81.8	—	157,000
Dubuque	12,000	7,800	1,350	3,410	64.2	59.5	86,700	203,000
Fayette	5,200	4,700	1,760	1,360	64.8	70.0	114,000	95,200
Howard.....	—	2,000	—	1,190	—	77.5	—	92,200
Winneshiek	11,000	8,400	3,520	2,800	59.9	62.5	211,000	175,000
West Central								
Audubon.....	—	900	—	530	—	74.7	—	39,600
Greene	900	700	190	150	47.9	82.7	9,100	12,400
Guthrie	2,100	—	70	—	58.6	—	4,100	—
Shelby	1,000	700	260	450	74.6	98.4	19,400	44,300
Woodbury	700	—	100	—	82.0	—	8,200	—
Central								
Boone	—	900	—	400	—	113.0	—	45,200
Hamilton.....	—	800	—	580	—	117.6	—	68,200
Hardin	—	800	—	360	—	67.2	—	24,200
Jasper	3,300	—	350	—	61.1	—	21,400	—
East Central								
Benton	1,700	1,600	1,170	490	65.2	79.2	76,300	38,800
Clinton	3,600	3,000	990	880	64.4	72.0	63,800	63,400
Iowa	—	2,200	—	1,330	—	69.4	—	92,300
Jackson.....	—	6,600	—	1,800	—	61.7	—	111,000
Johnson	2,000	2,000	1,360	720	54.2	82.2	73,700	59,200
Jones	3,600	3,500	560	790	64.3	68.0	36,000	53,700
Linn	2,500	1,800	900	530	66.1	78.3	59,500	41,500
South Central								
Monroe.....	—	600	—	130	—	73.8	—	9,600
Southeast								
Davis	—	1,800	—	520	—	67.9	—	35,300
Van Buren	1,300	900	1,110	330	42.3	62.7	47,000	20,700
Washington.....	—	1,300	—	920	—	80.8	—	74,300
Other counties	129,000	81,900	44,510	37,690	57.1	82.7	2,540,900	3,115,400
Iowa	215,000	170,000	69,000	73,000	58.0	78.0	4,002,000	5,694,000

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

Oat Prices Received by Farmers by Month – Iowa and United States: 2016-2020

[Marketing year: July-June for Iowa, June-May for United States.]

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Market year average ¹
(dollars per bushel)													
Iowa													
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
2020	4.17	3.18	4.05	3.51	3.91	3.85	3.20	2.93	3.13	2.81	(D)	3.42	3.19
United States													
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
2020	2.84	2.73	2.79	2.97	3.10	3.16	2.97	2.54	2.47	2.72	2.97	2.69	2.77

¹Market 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.

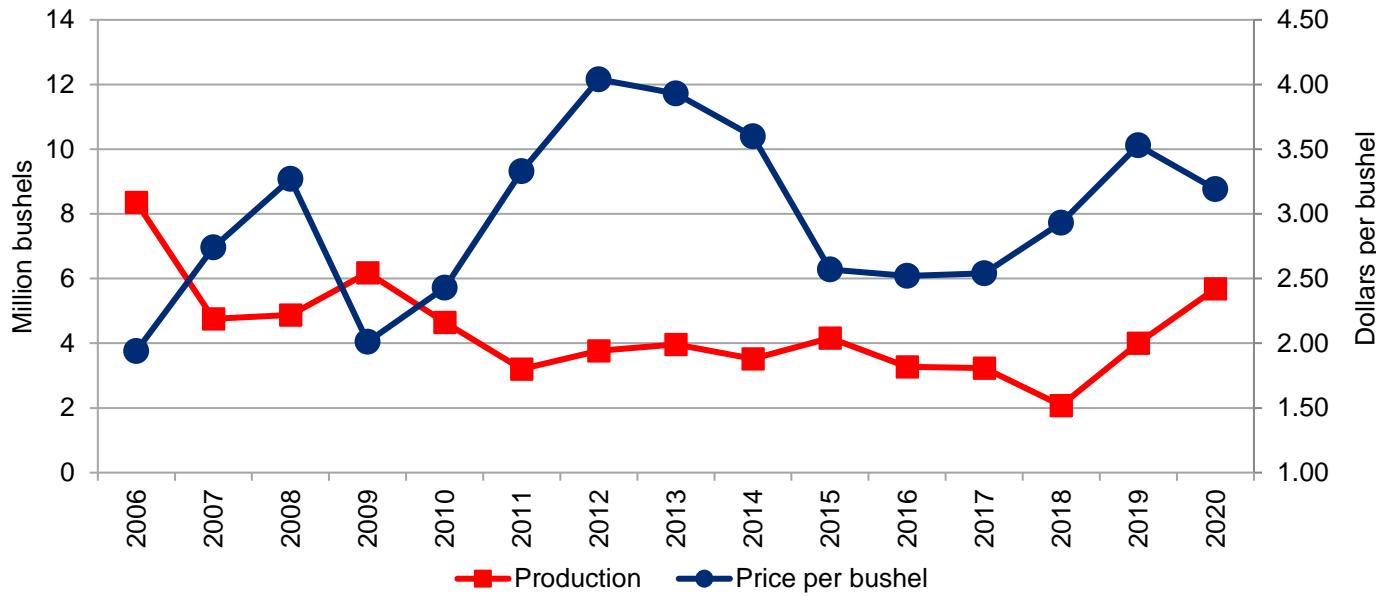
Oat Prices Received by Farmers – Iowa by District: Market Year Average 2015-2019

[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)									
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
2019-2020	3.05	3.50	3.60	3.95	3.51	3.72	(D)	(D)	3.88

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

Oat Production and Market Year Average Prices Iowa: 2006-2020



Alfalfa Hay, Prices Received by Farmers by Month – Iowa and United States: 2016-2020

[Marketing year: June-May for Iowa, May-April for United States.]

Year	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Market year average ¹
(dollars per ton)													
Iowa													
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
2020-2021	113	112	121	129	123	122	122	121	132	125	120	147	124
United States													
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
2020-2021	178	172	171	168	169	164	166	168	171	177	185	194	171

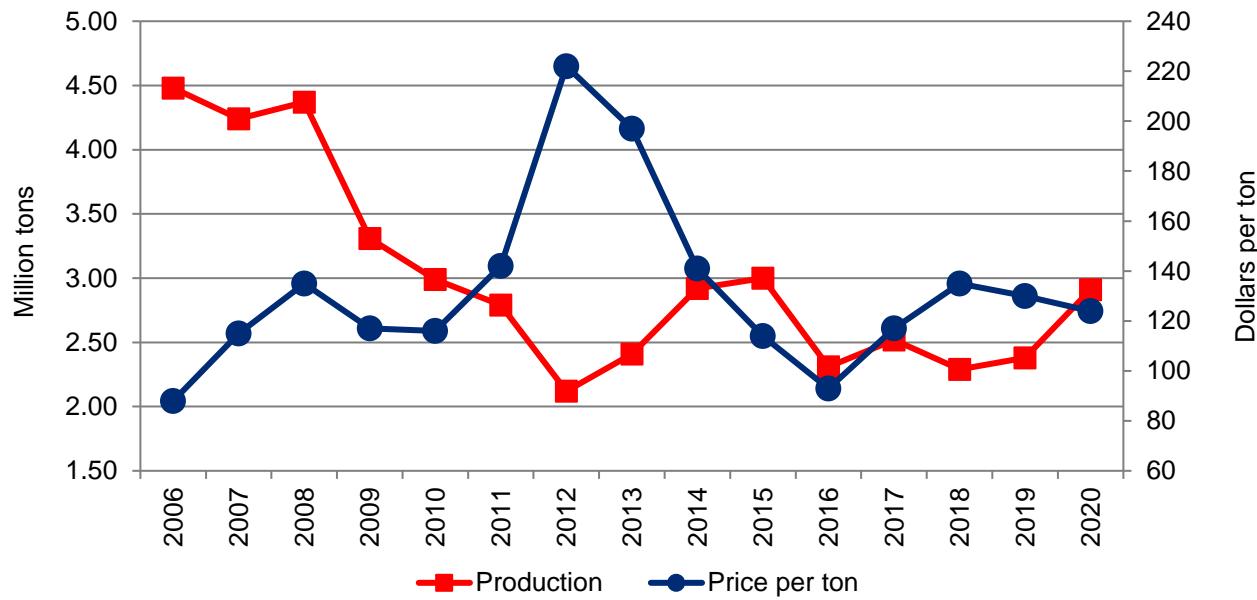
¹ Market year prices are computed by weighting monthly prices by estimated monthly marketings.

All Hay Prices Received – Iowa by District: Market Year Average 2016-2020

[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)									
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
2020-2021	128	141	126	102	94	129	97	85	108

Alfalfa Hay Production and Market Year Average Prices Iowa: 2006-2020



Fertilizer Tonnage Distribution – Iowa: 2020

[Totals may not add due to rounding.]

Fertilizer	Total ¹ (tons)	Nitrogen	Phosphorus	Potassium	Sulfur
MOST POPULAR STRAIGHT MATERIALS					
Ammonium nitrate.....	589	33	0	0	0
Ammonium sulfate.....	67,912	21	0	0	24
Ammonium thiosulfate.....	27,724	12	0	0	26
Anhydrous ammonia	588,569	82	0	0	0
Nitrogen solution 28%.....	214,869	28	0	0	0
Nitrogen solution 32%.....	449,581	32	0	0	0
Urea.....	93,516	46	0	0	0
Ammonium phosphates					
8-24-0-0 liquid	101	8	24	0	0
10-34-0-0 liquid	17,088	10	34	0	0
11-52-0-0 dry.....	433,222	11	52	0	0
12-40-0-0 dry.....	127,846	12	40	0	0
18-46-0-0 dry.....	77,797	18	46	0	0
Muriate of potash	870,190	0	0	61	0
Triple superphosphate.....	21,761	0	46	0	0
Other straight materials.....	825,624	0	0	0	0
Total straight materials.....	3,816,389				
MOST POPULAR MIXED GRADES					
2-6-35	1,901	2	6	35	
3-10-30	33,881	3	10	3	
3-18-18	1,368	3	18	18	
4-10-10	3,482	4	10	10	
6-24-6	11,128	6	25	6	
7-18-6	1,696	7	18	6	
7-21-7	54	7	21	7	
8-19-3	2,789	8	19	3	
9-18-9	4,155	9	18	9	
9-23-30	0	9	23	30	
13-13-13.....	407	13	13	13	
Other mixed materials	1,599,189	0	0	0	
Total mixed grades	1,660,050				
Grand total.....	5,476,439				
Total micronutrients²	149,022				

¹ Numbers may vary slightly from previous years due to changes in reporting requirements

² 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, 2021	TX	NE	KS	OK	CA	MO	SD	IA	WI	CO	8	4
Beef cows that have calved – January 1, 2021	TX	OK	MO	NE	SD	KS	MT	KY	ND	FL	13	3
Milk cows that have calved – January 1, 2021	CA	WI	ID	NY	TX	PA	MN	MI	NM	WA	12	2
Cattle & calves on feed – January 1, 2021	TX	NE	KS	IA	CO	CA	SD	MN	OK	ID	4	8
All hogs – December 1, 2020	IA	MN	NC	IL	IN	MO	NE	OH	OK	KS	1	32
All sheep and lambs – January 1, 2021	TX	CA	CO	WY	UT	SD	ID	MT	IA	OR	9	3
All layers – December 1, 2020	IA	IN	OH	PA	TX	GA	AR	NC	MI	CA	1	12
Livestock Production by Pounds Produced												
Commercial red meat production – 2020	IA	NE	KS	TX	IL	MN	NC	CO	MO	IN	1	16
Milk production – 2020	CA	WI	ID	NY	TX	MI	PA	MN	NM	WA	12	2
Wool production – 2020	CO	WY	UT	CA	SD	MT	ID	TX	OR	IA	10	3
Livestock Numbers Produced, Raised, or Marketed												
Calf crop – 2020	TX	OK	MO	CA	SD	NE	KS	WI	MT	IA	10	3
Calf marketings – 2020	MO	FL	SD	KY	WI	OK	TN	CA	NY	TX	26	1
Cattle marketings – 2020	NE	TX	KS	CO	IA	OK	CA	SD	MT	MN	5	5
Hog marketings – 2020	IA	MN	NC	IL	MO	OK	IN	NE	SD	KS	1	27
Pig crop – 2020	IA	NC	MN (Tied)	IL	MO	OK	NE	SD	IN	OH	1	17
Lamb crop – 2020	TX	CA & UT & WY		SD	CO	MT	ID	IA	OR	9	4	
Egg production – 2020	IA	IN	OH	PA	TX	GA	MI	NC	CA	AR	1	14
Turkeys raised – 2020	MN	AR	NC	IN	MO	VA	IA	CA	PA	OH	7	5

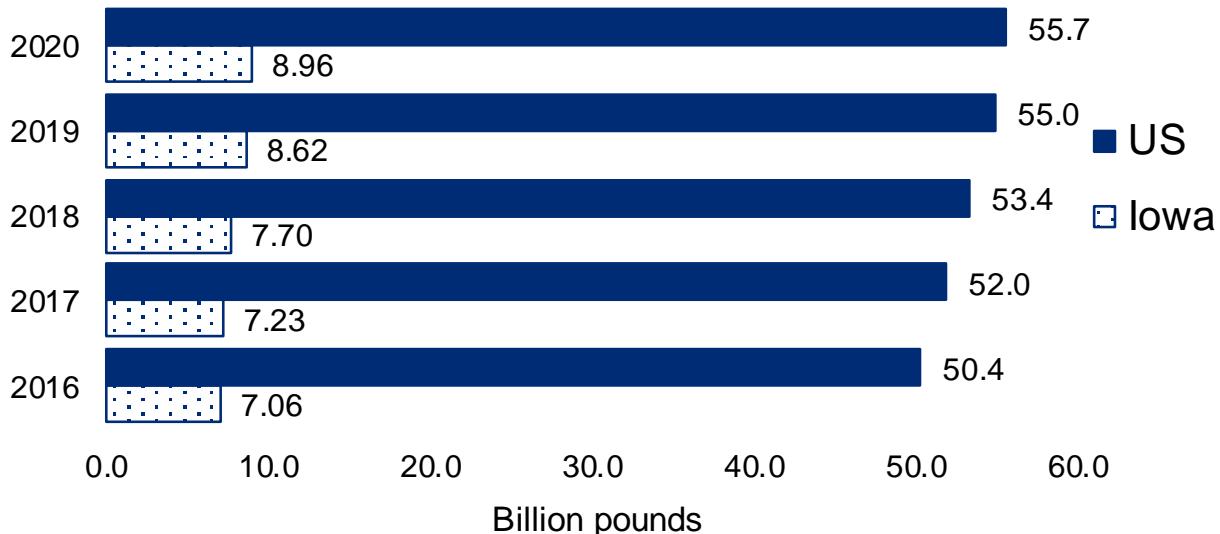
Livestock, Record Highs and Lows – Iowa

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	24,900	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	59,381	2014	5,846	1986	1964
Egg production total for year ²	million eggs	17,084	2019	1,600	1985	1924

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

²Includes both hatching and table egg production.

Commercial Red Meat Production - Iowa and United States: 2016-2020



Cattle and Calves, Number by Class – Iowa by County: January 1, 2020-2021 ¹

County by district	All cattle and calves		Beef cows that have calved		Milk cows that have calved	
	2020	2021	2020	2021	2020	2021
	(head)	(head)	(head)	(head)	(head)	(head)
Northwest						
Buena Vista	24,500	23,500	—	—	—	—
Cherokee	64,000	60,000	—	—	—	—
Clay	28,500	27,000	4,900	4,900	—	—
Dickinson	21,000	19,700	—	—	—	—
Emmet	15,400	14,600	5,500	5,400	—	—
Lyon	185,000	180,000	13,200	13,000	10,100	10,300
O'Brien	66,000	62,000	6,800	6,700	8,400	8,600
Osceola	46,000	43,500	3,900	3,800	5,500	5,600
Palo Alto	23,500	22,000	2,600	2,500	200	200
Plymouth	110,000	105,000	—	—	—	—
Pocahontas	15,400	14,600	1,700	1,700	2,100	2,100
Sioux	405,000	385,000	14,900	14,700	35,000	35,500
North Central						
Butler	24,000	22,500	7,300	7,200	1,600	1,600
Cerro Gordo	9,300	8,900	—	—	—	—
Floyd	25,000	23,500	4,000	3,900	1,600	1,600
Franklin	10,000	9,500	—	—	—	—
Hancock	9,200	8,700	2,500	2,500	200	200
Humboldt	11,000	10,400	—	—	—	—
Kossuth	25,000	23,500	—	—	—	—
Mitchell	54,000	51,000	5,000	4,900	3,700	3,800
Winnebago	7,600	7,200	1,400	1,400	—	—
Worth	7,600	7,200	2,500	2,400	200	200
Wright	6,500	6,100	2,300	2,200	—	—
Northeast						
Allamakee	67,000	63,000	18,600	18,300	12,800	13,100
Black Hawk	16,300	15,500	3,600	3,600	900	900
Bremer	24,000	23,000	4,100	4,000	2,600	2,700
Buchanan	22,000	20,500	4,600	4,500	2,100	2,200
Chickasaw	33,500	32,000	5,800	5,700	2,200	2,200
Clayton	71,000	67,000	18,100	17,800	11,400	11,700
Delaware	120,000	115,000	12,800	12,600	8,600	8,800
Dubuque	130,000	120,000	14,100	13,900	21,500	22,000
Fayette	47,500	45,000	9,200	9,100	5,900	6,000
Howard	32,000	30,500	4,800	4,700	3,100	3,200
Winneshiek	92,000	87,000	12,100	11,900	16,100	16,500
West Central						
Audubon	29,000	27,500	6,800	6,700	—	—
Calhoun	18,800	17,800	5,500	5,400	—	—
Carroll	58,000	55,000	10,300	10,100	—	—
Crawford	52,000	49,500	18,000	17,700	—	—
Greene	18,800	17,800	4,600	4,600	—	—
Guthrie	31,000	29,000	—	—	—	—
Harrison	25,500	24,000	9,800	9,600	—	—
Ida	48,500	46,000	7,700	7,600	1,300	1,400
Monona	25,000	24,000	6,900	6,800	—	—
Sac	40,500	38,500	8,700	8,600	400	400
Shelby	38,500	36,500	—	—	—	—
Woodbury	75,000	71,000	—	—	—	—
Central						
Boone	14,000	13,300	3,900	3,900	—	—
Dallas	21,500	20,500	—	—	—	—
Grundy	27,000	25,500	3,900	3,800	600	600
Hamilton	2,500	2,400	1,500	1,400	200	200
Hardin	36,000	34,000	8,800	8,600	100	100
Jasper	24,500	23,500	8,700	8,600	400	400
Marshall	31,000	29,500	—	—	—	—
Polk	8,400	7,900	2,800	2,800	—	—
Poweshiek	32,500	30,500	—	—	—	—
Story	16,200	15,300	—	—	—	—
Tama	40,000	38,000	15,100	14,800	600	600
Webster	11,000	10,400	—	—	—	—

See footnote(s) at end of table.

—continued

Cattle and Calves, Number by Class – Iowa by County: January 1, 2020-2021 ¹(continued)

County by district	All cattle and calves		Beef cows that have calved		Milk cows that have calved	
	2020	2021	2020	2021	2020	2021
	(head)	(head)	(head)	(head)	(head)	(head)
East Central						
Benton	35,500	33,500	11,500	11,300	4,300	4,500
Cedar	23,000	21,500	8,100	8,000	200	200
Clinton	68,000	64,000	15,200	14,900	3,500	3,600
Iowa	38,000	36,000	13,300	13,100	200	200
Jackson	95,000	90,000	23,000	23,000	4,400	4,500
Johnson	28,000	26,500	10,900	10,700	1,800	1,800
Jones	65,000	61,000	15,700	15,400	1,400	1,400
Linn	30,000	28,500	12,300	12,100	1,200	1,200
Muscatine	14,400	13,700	5,500	5,400	100	100
Scott	19,900	18,800	4,200	4,200	500	500
Southwest						
Adair	46,000	43,500	—	—	—	—
Adams	28,000	26,500	12,600	12,400	—	—
Cass	40,500	38,500	—	—	—	—
Fremont	13,100	12,400	3,500	3,400	—	—
Mills	3,500	3,300	—	—	—	—
Montgomery	22,500	21,500	—	—	—	—
Page	30,000	28,500	11,600	11,400	—	—
Pottawattamie	71,000	68,000	—	—	—	—
Taylor	33,000	31,500	—	—	—	—
South Central						
Appanoose	28,500	27,000	15,000	14,700	200	200
Clarke	34,500	32,500	16,200	15,900	—	—
Decatur	44,500	42,000	—	—	—	—
Lucas	31,500	30,000	17,300	17,000	—	—
Madison	28,000	26,500	15,200	14,900	—	—
Marion	26,500	25,000	11,000	10,800	400	400
Monroe	32,000	30,000	—	—	—	—
Ringgold	50,000	48,000	25,500	25,000	—	—
Union	39,500	37,500	18,600	18,300	—	—
Warren	19,300	18,300	11,400	11,200	—	—
Wayne	30,000	28,500	14,100	13,800	300	300
Southeast						
Davis	29,500	28,000	14,500	14,200	2,000	2,100
Des Moines	7,300	6,900	—	—	—	—
Henry	16,700	15,900	—	—	—	—
Jefferson	12,900	12,200	4,800	4,700	100	200
Keokuk	29,000	27,500	12,700	12,500	—	—
Lee	19,300	18,300	8,200	8,100	600	600
Louisa	5,500	5,200	—	—	—	—
Mahaska	30,500	29,000	8,900	8,800	200	200
Van Buren	21,500	20,000	11,300	11,100	700	700
Wapello	15,100	14,300	—	—	—	—
Washington	20,000	18,900	9,500	9,400	900	900
Combined counties...	(X)	(X)	234,100	230,000	32,600	33,700
Iowa	3,850,000	3,650,000	905,000	890,000	215,000	220,000

— 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, 2017-2021

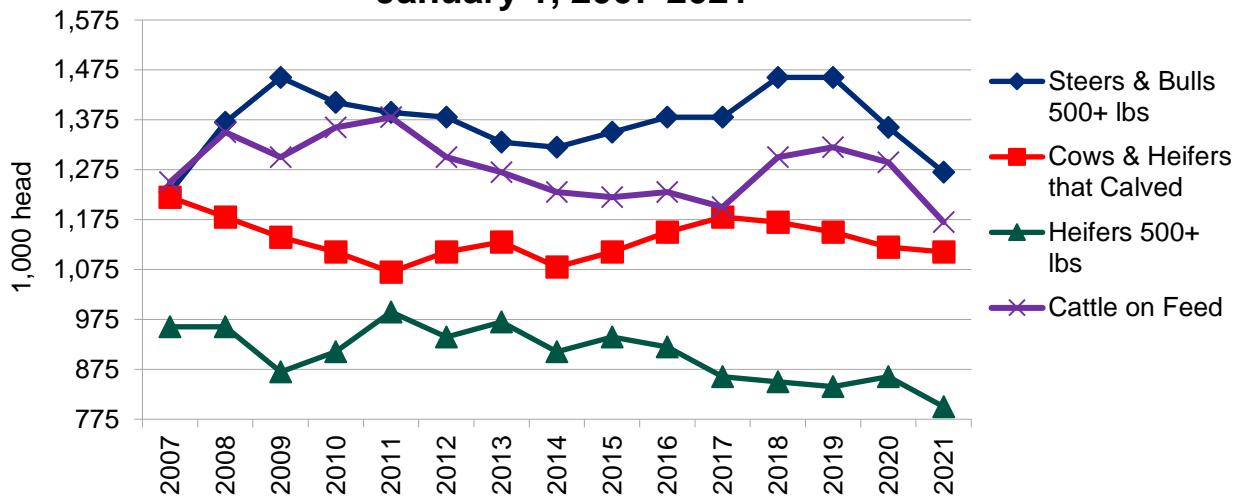
Year	All cattle and calves inventory	Cattle on feed	Cows and heifers that have calved		Calf crop previous year	Heifers 500 pounds and over			Steers 500 pounds and over	Bulls 500 pounds and over	All calves less than 500 pounds
			Milk	Beef		Milk replacement	Beef replacement	Other			
Iowa											
						(1,000 head)					
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	3,850	1,290	215	905	1,080	115	145	600	1,300	60	510
2021	3,650	1,170	220	890	1,030	125	155	520	1,210	60	470
United States											
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	93,793	14,658	9,343	31,339	35,592	4,684	5,809	9,532	16,541	2,237	14,309
2021	93,595	14,707	9,440	31,158	35,136	4,605	5,812	9,584	16,598	2,211	14,188

All Cattle and Calves Value – Iowa and United States:

January 1, 2017-2021

Year	Iowa		United States	
	Dollars per head	Total value	Dollars per head	Total value
		(billion dollars)		(billion dollars)
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	97.7
2020	1,100	4.24	1,026	96.2
2021	1,130	4.12	1,040	97.4

Cattle and Calves Inventory – Iowa January 1, 2007-2021



Cattle and Calves Inventory, Supply, and Disposition – Iowa and United States: 2016-2020

Year	Inventory January 1	Calf crop	Inshipments	Marketings		Farm slaughter	Cattle and calf deaths
				Cattle	Calves		
(1,000 head)-----							
Iowa							
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	2,462	101	3	185
2020	3,850	1,030	1,460	2,407	101	3	180
United States							
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	35,592	20,228	45,013	7,540	123	4,156
2020	93,793	35,136	21,030	44,905	7,393	124	3,942

Cattle and Calves Production and Income – Iowa and United States: 2016-2020

Year	Production	Marketings	Value of production	Cash receipts	Value of home consumption	Gross income	
							(1,000 dollars)
(1,000 pounds)-----							
Iowa							
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	2,115,480	3,426,300	2,581,391	4,027,203	14,586	4,041,789	
2020	2,132,328	3,422,400	2,347,033	3,785,760	14,431	3,800,191	
United States							
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	44,628,867	58,421,543	48,211,917	66,266,807	441,381	66,708,188	
2020	45,457,879	58,950,300	45,823,719	63,089,369	443,978	63,533,347	

Cattle and Calves, Market Year Average Price Received – United States: 2016-2020

Market year	Steers and heifers	Cattle 500 pounds and over	Calves	Cows	
					(dollars per cwt)
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	
2020	111.00	109.00	161.00	64.20	

Estimated Returns to Finishing Steer Calves – Iowa¹

	Purchased month Sale month	Production period			
		March 2020 November 2020	April 2020 December 2020	May 2020 January 2021	June 2020 February 2021
560 lb Steer Calf					
Purchase price	\$ per cwt	163.14	158.77	160.11	159.85
Purchase cost.....	\$ per head	913.60	889.10	896.63	895.15
Costs of Producing 1,300 lb Finished Steer					
Feed costs					
Corn	\$ per head	171.26	179.49	192.61	209.68
Modified distiller grain.....	\$ per head	111.98	115.67	119.07	127.08
Hay	\$ per head	71.13	70.51	69.99	69.62
Supplement & mineral	\$ per head	32.90	33.03	33.22	33.45
Total.....	\$ per head	387.27	398.70	414.88	439.83
Nonfeed costs					
Variable costs.....	\$ per head	104.25	104.35	104.45	104.78
Operating interest.....	\$ per head	46.39	44.37	44.98	45.42
Fixed costs.....	\$ per head	52.08	52.08	52.08	52.08
Total	\$ per head	202.72	200.81	201.51	202.28
Returns to Marketing 1,300 lb Finished Steer					
Death loss	\$ per head	19.53	19.54	19.76	20.52
Total costs.....	\$ per head	1,523.13	1,508.14	1,532.79	1,557.78
Breakeven price	\$ per live cwt	117.16	116.01	117.91	119.83
Selling price.....	\$ per live cwt	107.98	108.21	109.69	114.07
Sales value.....	\$ per head	1,403.74	1,406.73	1,425.97	1,482.91
Profit (loss).....	\$ per head	(119.39)	(101.41)	(106.82)	(74.87)
Manure credit	\$ per head	8.03	9.12	9.79	10.97
Total profit (loss)	\$ per head	(111.36)	(92.30)	(97.03)	(63.90)

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 – Iowa¹

	Purchased month Sale month	Production period			
		June 2020 November 2020	July 2020 December 2020	August 2020 January 2021	September 2020 February 2021
750 lb Feeder Steer					
Purchase price	\$ per cwt	136.14	137.80	146.25	147.35
Purchase cost	\$ per head	1,021.07	1,033.50	1,096.89	1,105.16
Costs of Producing 1,300 lb Finished Steer					
Feed costs					
Corn	\$ per head	139.38	148.44	161.00	177.83
Modified distiller grain.....	\$ per head	73.56	79.67	88.25	98.17
Hay	\$ per head	33.85	32.63	33.32	33.78
Supplement & mineral	\$ per head	20.58	20.79	21.15	21.54
Total	\$ per head	267.38	281.53	303.72	331.33
Nonfeed costs					
Variable costs.....	\$ per head	70.38	70.71	70.88	71.18
Operating interest.....	\$ per head	29.40	26.69	28.34	28.83
Fixed costs.....	\$ per head	33.22	33.22	33.22	33.22
Total.....	\$ per head	133.00	130.62	132.43	133.23
Returns to Marketing 1,300 lb Finished Steer					
Death loss	\$ per head	13.32	13.31	13.45	13.95
Total costs.....	\$ per head	1,434.76	1,458.96	1,546.50	1,583.67
Breakeven price	\$ per live cwt	110.37	112.23	118.96	121.82
Selling price.....	\$ per live cwt	107.98	108.21	109.69	114.07
Sales value.....	\$ per head	1,403.74	1,406.73	1,425.97	1,482.91
Profit (loss).....	\$ per head	(31.02)	(52.23)	(120.53)	(100.76)
Manure credit	\$ per head	5.11	5.80	6.23	6.98
Total profit (loss)	\$ per head	(25.91)	(46.43)	(114.30)	(93.78)

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: 2011-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
----- (1,000 head) -----													
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
2020	2,901	2,579	2,922	2,242	2,278	2,879	2,921	2,806	2,815	2,950	2,708	2,785	32,786

¹Totals may not add due to rounding.

Commercial Cattle Slaughter, Total Live Weight by Month – United States: 2011-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
----- (million pounds) -----													
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
2020	3,980	3,540	3,990	3,026	3,107	3,921	3,973	3,822	3,872	4,077	3,749	3,860	44,916

¹Totals may not add due to rounding.

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

2011-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
----- (pounds) -----													
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
2020	1,375	1,376	1,368	1,353	1,367	1,365	1,363	1,365	1,379	1,385	1,387	1,389	1,373

Number of Feedlots and Fed Cattle Marketed, by Size of Feedlot Capacity – Iowa and United States: 2018-2020

Feedlot capacity	2018		2019		2020	
	Lots ¹	Cattle marketed	Lots ¹	Cattle marketed	Lots ¹	Cattle marketed
Iowa²	(number)	(1,000 head)	(number)	(1,000 head)	(number)	(1,000 head)
Less than 1,000 head	(NA)	710	(NA)	819	(NA)	721
1,000 head or more	(NA)	1,103	(NA)	1,062	(NA)	1,001
All Feedlots	(NA)	1,813	(NA)	1,881	(NA)	1,722
United States						
Less than 1,000 head	26,000	3,305	26,000	3,360	27,000	3,240
1,000 head or more	2,160	22,310	2,180	22,526	2,145	21,892
1,000 – 31,999	2,031	10,020	2,049	9,806	2,013	9,462
32,000 and over	129	12,290	131	12,720	132	12,430
All Feedlots	28,160	25,615	28,180	25,886	29,145	25,132

(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: 2016-2020

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)												
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
2020	620	640	625	600	585	575	525	500	485	490	500	540

Number of Cattle Placed on Feed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2016-2020

Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
(1,000 head)												
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
2020	101	88	69	57	27	42	50	35	42	61	68	92

¹ Previous year.

Number of Cattle Marketed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2016-2020

Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
(1,000 head)												
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
2020	57	62	79	80	40	48	97	58	54	54	54	50

¹ Previous year.

Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2016-2020

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												
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
2020	670	670	670	630	620	640	630	620	610	610	620	610
United States												
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
2020	11,958	11,928	11,811	11,297	11,200	11,671	11,438	11,284	11,394	11,717	11,973	12,036

Number of Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2016-2020

Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
----- (1,000 head) -----												
Iowa												
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
2020	72	111	108	69	62	75	58	63	75	72	105	82
United States												
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
2020	1,828	1,955	1,716	1,557	1,432	2,052	1,798	1,893	2,057	2,227	2,192	1,903

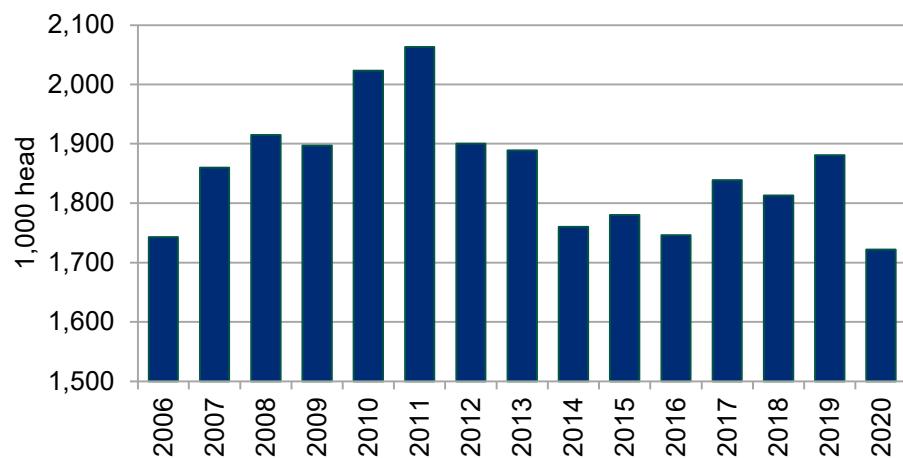
¹ Previous year.

Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2016-2020

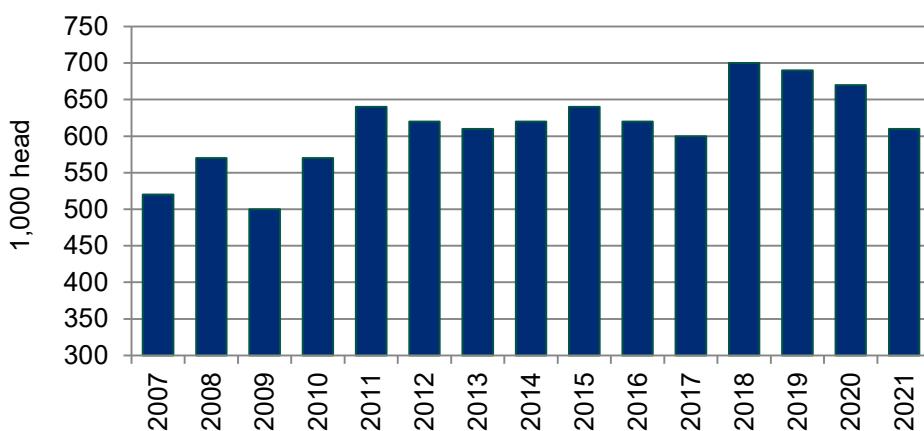
Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
----- (1,000 head) -----												
Iowa												
2016	97	86	78	81	75	72	72	76	90	87	96	100
2017	102	86	89	93	82	82	80	79	101	95	99	110
2018	98	107	106	93	87	87	85	74	100	75	93	104
2019	92	109	109	100	113	85	72	77	69	70	92	76
2020	90	108	106	105	68	52	66	70	83	70	92	90
United States												
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
2020	1,834	1,931	1,775	2,010	1,459	1,515	1,969	1,990	1,892	1,846	1,873	1,779

¹ Previous year.

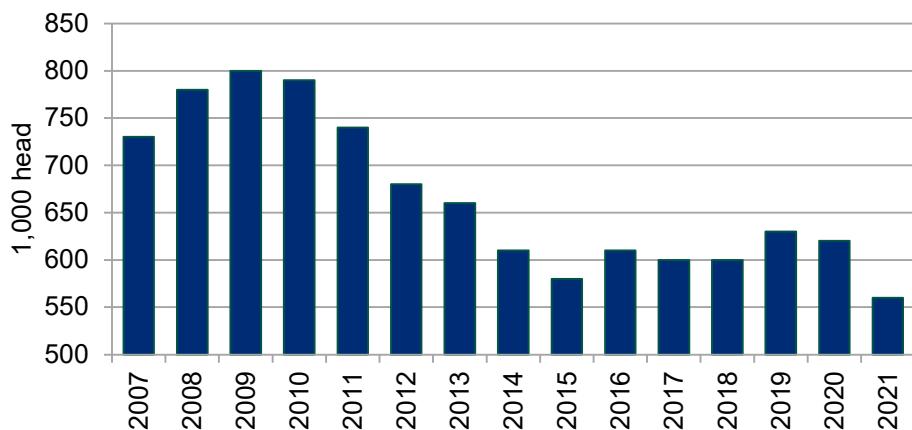
Cattle Marketed from All Feedlots Iowa: 2006-2020



Cattle on Feed Inventory, 1,000+ Capacity Feedlots Iowa: January 1, 2007-2021



Cattle on Feed Inventory, < 1,000 Capacity Feedlots Iowa: January 1, 2007-2021



Milk Cows on Farms – Iowa and United States: 2016-2020

[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												
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
2020	215	217	219	219	217	217	218	218	219	219	219	220
United States												
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	9,352	9,350	9,333	9,332	9,334	9,329	9,318	9,320	9,338	9,348	9,345	9,349
2020	9,365	9,377	9,391	9,377	9,360	9,355	9,372	9,374	9,395	9,414	9,432	9,442

Milk Produced per Cow – Iowa and United States: 2016-2020

[Excludes milk sucked by calves.]

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
(pounds)												
Iowa												
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
2020	2,105	1,975	2,110	2,040	2,095	2,030	2,040	2,070	2,005	2,065	2,005	2,095
United States												
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	1,815	2,019	1,975	2,042	1,954	1,972	1,961	1,885	1,940	1,873	1,968
2020	2,016	1,908	2,066	1,993	2,027	1,968	2,001	1,988	1,919	1,976	1,919	1,997

Milk Production – Iowa and United States: 2016-2020

[Excludes milk sucked by calves.]

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
(million pounds)												
Iowa												
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
2020	453	429	462	447	455	441	445	451	439	452	439	461
United States												
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	18,847	18,435	19,062	18,228	18,379	18,275	17,600	18,138	17,499	18,400
2020	18,877	17,895	19,402	18,684	18,972	18,414	18,756	18,632	18,031	18,603	18,103	18,851

Milk Production and Disposition – Iowa and United States: 2016-2020

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					
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
2020	5,374	17.0	1.00	18.0	5,356
United States					
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	218,441	933	89.0	1,022	217,419
2020	223,220	998	87.0	1,085	222,135

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: 2016-2020

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		
(dollars)				
Iowa				
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
2020	19.50	1,044,420	195	1,044,615
United States				
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	18.65	40,546,363	16,867	40,563,230
2020	18.25	40,547,698	16,066	40,563,764

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: 2016-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
----- (1,000 pounds) -----													
Iowa													
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
2020	29,037	28,354	28,935	28,613	28,265	29,955	29,968	30,750	30,622	29,633	31,130	29,960	355,222
----- (million pounds) -----													
United States													
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	1,069	1,088	1,113	1,081	1,138	1,093	1,123	13,137
2020	1,125	1,033	1,121	1,052	1,101	1,122	1,110	1,092	1,104	1,137	1,102	1,154	13,253

¹ May not add due to rounding.

Dairy Products, Total American-Type Cheese Manufactured by Month – Iowa and United States: 2016-2020

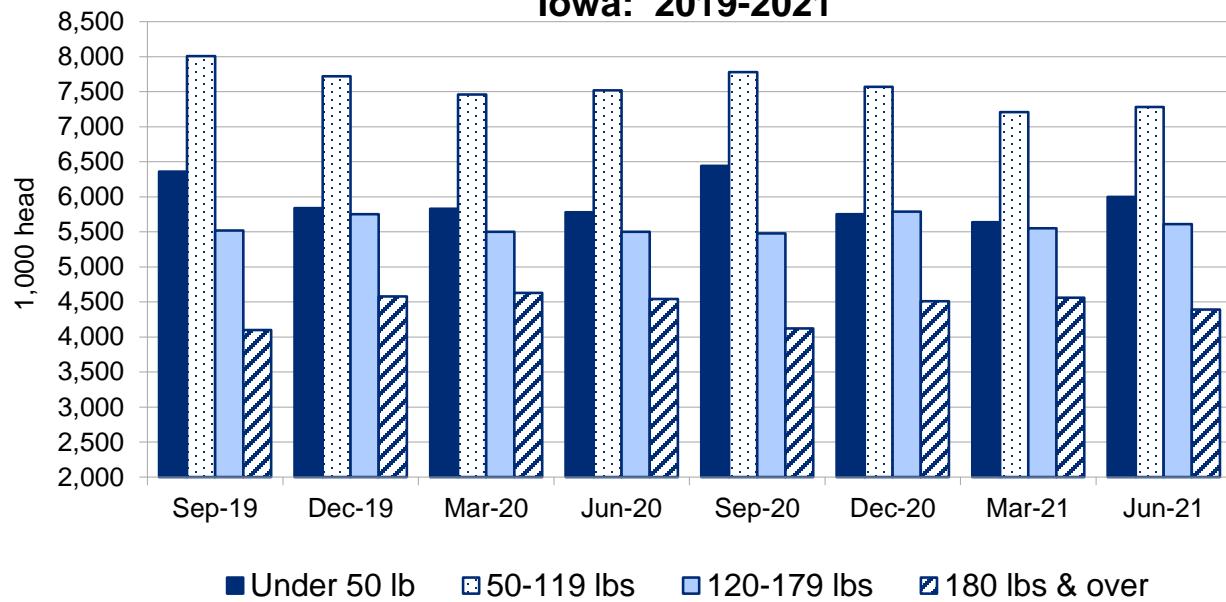
[Includes Cheddar, Colby, washed curd, stirred curd, Monterey, and Jack.]													
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
----- (1,000 pounds) -----													
Iowa													
2016	12,929	12,129	11,876	13,835	13,889	12,448	14,124	13,758	13,258	15,667	14,591	14,327	162,831
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
2020	19,104	17,828	17,303	16,684	16,810	17,324	19,758	18,421	19,101	15,930	17,312	18,363	213,938
----- (million pounds) -----													
United States													
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
2020	442	414	446	447	441	432	453	445	432	460	450	475	5,338

¹ May not add due to rounding.

Hogs and Pigs, Number on Farms – Iowa: December 1, 2011-2020

Year	Breeding	Market	Total
----- (1,000 head) -----			
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	23,890	24,900
2020	980	23,620	24,600

Market Hogs and Pigs by Weight Groups Iowa: 2019-2021



Hogs and Pigs, Number on Farms, Market by Weight Groups, Breeding and Total by Quarter – Iowa: 2012-2021

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							
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	5,830	7,460	5,500	4,630	23,420	980	24,400
2021	5,640	7,210	5,550	4,560	22,960	940	23,900
June 1							
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	5,780	7,520	5,500	4,540	23,340	960	24,300
2021	6,000	7,280	5,610	4,390	23,280	920	24,200
September 1							
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
2020	6,440	7,780	5,480	4,120	23,820	980	24,800
December 1							
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	5,840	7,720	5,750	4,580	23,890	1,010	24,900
2020	5,750	7,570	5,790	4,510	23,620	980	24,600

**Sows Farrowed, Pigs per Litter, and Pig Crop – Iowa and United States:
December through May 2011-2020**

Year	Sows farrowed		Pigs per litter		Pig crop ¹	
	Dec ² -Feb	Mar-May	Dec ² -Feb	Mar-May	Dec ² -Feb	Mar-May
Iowa	(1,000 head)		(head)		(1,000 head)	
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
2020	500	500	11.25	11.40	5,625	5,700
United States						
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	3,098	3,132	10.70	11.00	33,164	34,455
2020	3,068	3,149	11.00	11.00	33,745	34,644

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 2011-2020**

Year	Sows farrowed		Pigs per litter		Pig crop ¹	
	Jun-Aug	Sep-Nov	Jun-Aug	Sep-Nov	Jun-Aug	Sep-Nov
Iowa	(1,000 head)		(head)		(1,000 head)	
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	510	11.35	11.35	6,243	5,789
2020	560	550	11.30	11.30	6,328	6,215
United States						
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	3,274	3,197	11.11	11.09	36,370	35,459
2020	3,260	3,142	11.06	11.05	36,056	34,713

¹ May not add due to rounding.

Hogs and Pigs, Inventory, Supply and Disposition – Iowa and United States: 2016-2020

Year	Inventory previous December 1	Pig crop December-November	Inshipments	Marketings	Farm slaughter	Deaths
----- (1,000 head) -----						
Iowa						
2016	20,900	22,405	30,500	48,481	4	3,320
2017	22,200	23,025	30,400	49,061	4	3,760
2018	22,800	24,759	34,975	55,059	5	3,870
2019	23,600	24,037	35,800	54,492	5	4,040
2020	24,900	23,981	29,200	48,997	4	4,380
United States						
2016	68,919	125,907	52,955	165,539	84	10,913
2017	71,345	129,428	55,266	171,320	73	11,502
2018	73,145	132,568	61,619	180,251	76	11,935
2019	75,070	139,449	63,403	187,661	77	11,957
2020	78,228	139,409	53,654	180,271	76	13,631

Hogs and Pigs, Production and Income – Iowa and United States: 2016-2020

Year	Production (1,000 pounds)	Marketings (1,000 pounds)	Value of production (1,000 dollars)	Cash receipts (1,000 dollars)	Value of home consumption (1,000 dollars)	Gross income (1,000 dollars)
Iowa						
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	14,488,084	14,986,879	7,498,002	7,718,243	2,166	7,720,409
2020	12,993,431	13,601,420	5,956,125	6,379,065	2,116	6,381,181
United States						
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	41,980,296	43,102,599	21,243,343	21,768,377	28,683	21,797,060
2020	40,512,570	41,920,315	18,055,995	19,171,805	26,118	19,197,923

Hogs and Pigs, Market Year Average Price Received – United States: 2016-2020

Market year	All hogs	Barrows and gilts	Sows
----- (dollars per cwt) -----			
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
2020	46.90	47.80	27.70

Estimated Returns to Farrow to Wean Pigs – Iowa ¹

Farrowing month Sale month	Production period			
	January 2021 February 2021	February 2021 March 2021	March 2021 April 2021	April 2021 May 2021
Costs of Producing 12 lb Weaned Pig				
Feed costs				
Corn\$ per head	4.99	5.13	5.59	6.21
Soybean meal.....\$ per head	2.15	2.05	2.04	2.07
Dried distiller grain.....\$ per head	1.54	1.59	1.62	1.66
Complete feeds and other ingredients\$ per head	1.58	1.58	1.56	1.57
Feed processing.....\$ per head	0.57	0.57	0.57	0.57
Total\$ per head	10.85	10.92	11.39	12.08
Nonfeed costs				
Variable costs.....\$ per head	19.59	19.18	19.17	19.38
Operating interest.....\$ per head	0.28	0.27	0.28	0.28
Fixed costs\$ per head	6.40	6.18	6.18	6.18
Total\$ per head	26.27	25.64	25.63	25.84
Returns to Marketing 10-12 lb Weaned Pig				
Total costs\$ per head	37.12	36.56	37.02	37.92
Selling price\$ per head	56.05	51.78	48.95	46.41
Profit (loss)\$ per head	18.93	15.22	11.94	8.50
Manure credit.....\$ per head	0.80	0.90	0.91	0.92
Total profit (loss)\$ per head	19.73	16.12	12.85	9.41

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 2020 February 2021	September 2020 March 2021	October 2020 April 2021	November 2020 May 2021
12 lb Weaned Pig				
Purchase price.....\$ per head	22.42	28.31	36.86	38.77
Costs of Producing 270 lb Finished Hog				
Feed costs				
Corn\$ per head	38.23	40.99	43.80	48.40
Soybean meal.....\$ per head	16.15	16.88	17.31	17.41
Dried distiller grain.....\$ per head	12.11	13.05	13.19	13.26
Complete feeds and other ingredients\$ per head	13.68	13.87	14.07	14.10
Feed processing.....\$ per head	4.22	4.22	4.22	4.22
Total\$ per head	84.39	89.01	92.60	97.39
Nonfeed costs				
Variable costs,\$ per head	18.22	18.38	18.36	18.42
Operating interest.....\$ per head	1.71	1.90	2.11	2.21
Fixed costs\$ per head	11.79	11.79	11.79	11.79
Total\$ per head	31.72	32.07	32.26	32.42
Returns to Marketing 270 lb Finished Hog				
Death loss\$ per head	6.44	8.08	9.48	10.17
Total costs\$ per head	144.96	157.47	171.20	178.75
Breakeven price.....\$ per live cwt	53.69	58.32	63.41	66.20
Breakeven price.....\$ per carcass cwt	71.59	77.76	84.54	88.27
Selling price.....\$ per live cwt	55.99	66.98	76.30	81.48
Selling price.....\$ per carcass cwt	74.65	89.31	101.73	108.64
Sales value.....\$ per head	151.16	180.86	206.01	220.00
Profit (loss)\$ per head	6.20	23.39	34.81	41.25
Manure credit.....\$ per head	3.12	3.89	3.96	3.95
Total profit (loss)\$ per head	9.32	27.28	38.77	45.20

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: 2016-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
----- (1,000 head) -----													
Iowa													
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
2020	3,575	3,291	3,629	2,827	2,632	3,420	3,515	3,556	3,417	3,696	3,371	3,419	40,347
United States													
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
2020	11,814	10,723	11,942	9,416	8,602	11,180	11,224	11,122	11,028	12,016	11,018	11,478	131,563

¹Totals may not add due to rounding.

Commercial Hog Slaughter, Total Live Weight by Month – Iowa and United States: 2016-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
----- (million pounds) -----													
Iowa													
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
2020	1,029	943	1,038	812	772	978	988	992	959	1,059	982	1,000	11,553
United States													
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
2020	3,420	3,089	3,437	2,724	2,524	3,217	3,176	3,140	3,140	3,494	3,233	3,371	37,962

¹Totals may not add due to rounding.

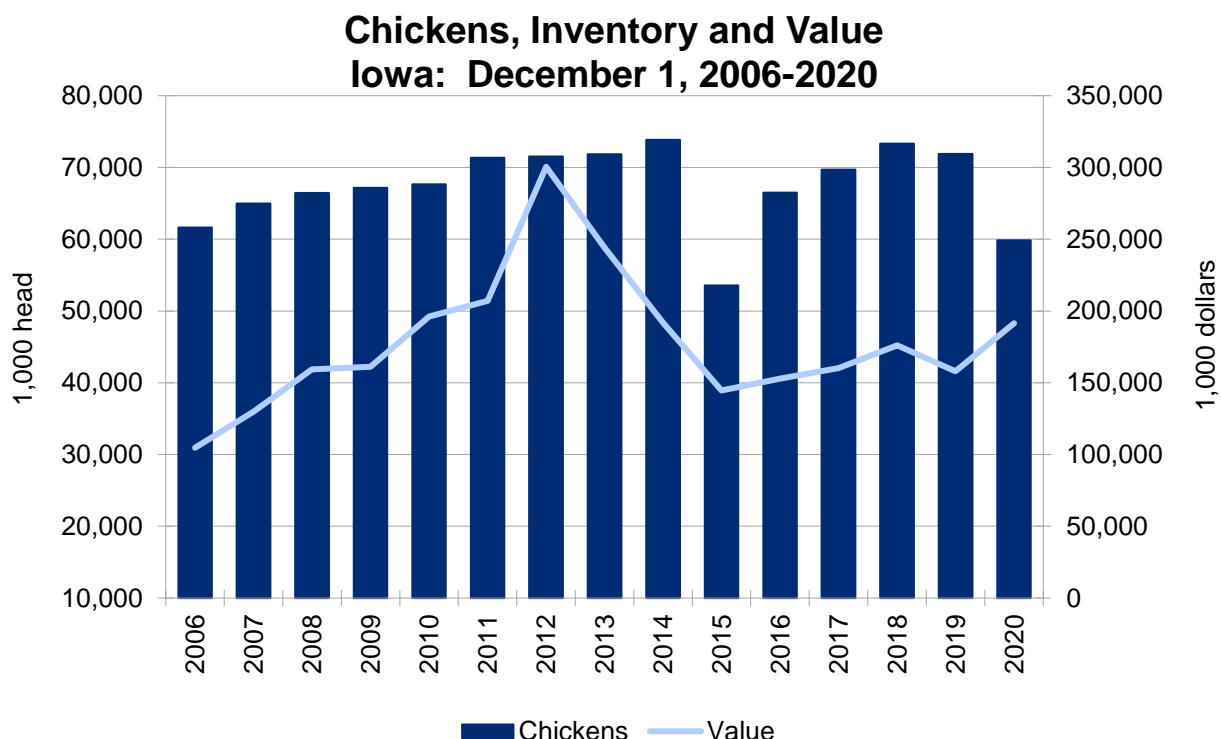
Commercial Hog Slaughter, Average Live Weight by Month – Iowa and United States: 2016-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
(pounds) -----													
Iowa													
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	286	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
2020	288	286	286	287	294	286	281	279	281	287	291	293	286
United States													
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
2020	290	288	288	289	294	288	283	282	285	291	294	294	289

Chickens, Inventory, Rate of Lay, and Egg Production – Iowa and United States: 2011-2020

Year	Chickens on farms, December 1			Average number of layers during year (1,000 head)	Eggs per layer (eggs)	Total egg production (million eggs)
	All chickens ¹ (1,000 head)	Value (1,000 dollars)	Total layers (1,000 head)			
Iowa						
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	71,862	158,096	58,698	58,195	294	17,084
2020	59,825	191,440	48,176	51,397	299	15,385
United States						
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	532,203	2,359,758	403,102	399,500	283	113,206
2020	518,279	2,576,849	391,010	390,351	286	111,573

¹ Excluding commercial broilers.



All Layers, Average Number on Hand by Month – Iowa and United States: 2016-2020

Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Iowa												
												(1,000 head)
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
2020	58,629	57,987	56,929	55,583	52,410	50,049	48,400	46,705	47,002	47,438	47,643	47,993
United States												
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	403,003	402,920	403,707	405,848	404,867	400,266	395,106	392,091	392,592	394,900	397,580	401,124
2020	403,445	401,419	396,916	395,613	392,770	387,045	383,152	381,014	382,184	384,655	386,660	389,355

¹December preceding year.

All Layers, Number of Eggs Per 100 Layers by Month – Iowa and United States: 2016-2020

Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
Iowa												
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
2020	2,519	2,535	2,351	2,489	2,344	2,373	2,398	2,619	2,639	2,526	2,625	2,557
United States												
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	2,405	2,398	2,153	2,385	2,317	2,404	2,334	2,410	2,413	2,331	2,425	2,364
2020	2,427	2,414	2,254	2,411	2,316	2,357	2,305	2,445	2,447	2,355	2,458	2,396

¹December preceding year.

Chickens and Eggs, Production and Income – Iowa and United States: 2016-2020

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				
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	778,055
2020	48,506	97	15,385	872,367
United States				
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	1,014,132	37,560	113,206	7,334,686
2020	1,026,354	18,777	111,573	8,655,581

Eggs Produced by Month – Iowa and United States: 2011-2020

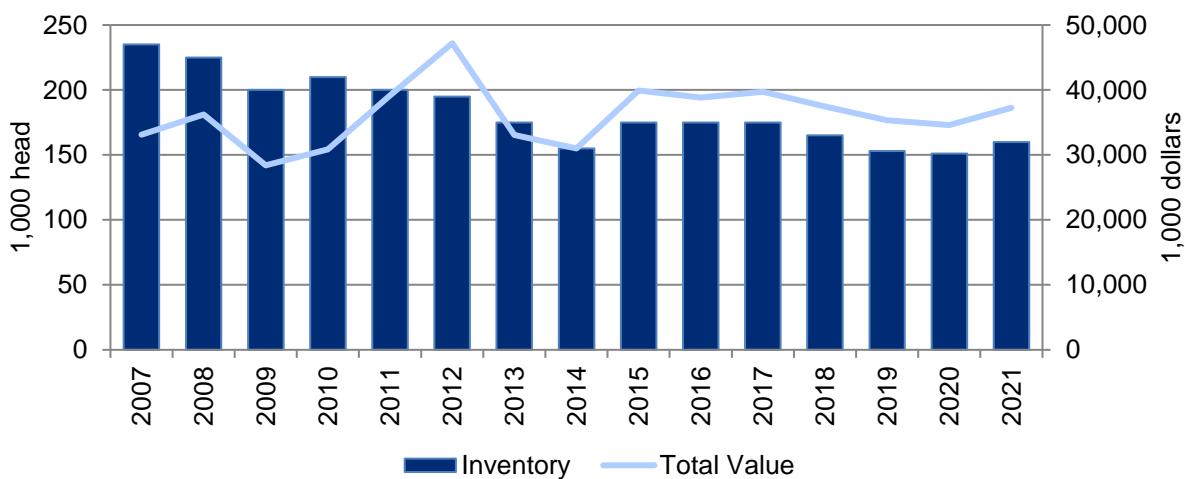
Year	Dec ¹	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
	(million eggs)												
Iowa													
2011	1,235	1,243	1,116	1,246	1,200	1,237	1,213	1,276	1,278	1,235	1,297	1,263	14,839
2012	1,305	1,271	1,175	1,301	1,269	1,317	1,269	1,306	1,332	1,304	1,374	1,349	15,572
2013	1,386	1,351	1,215	1,385	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
2020	1,477	1,470	1,339	1,383	1,229	1,188	1,161	1,223	1,240	1,199	1,251	1,227	15,385
United States													
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	9,694	9,663	8,694	9,679	9,383	9,622	9,222	9,448	9,472	9,207	9,643	9,481	113,206
2020	9,790	9,690	8,946	9,539	9,096	9,121	8,832	9,317	9,353	9,057	9,505	9,327	111,573

¹December preceding year.

Sheep and Lambs, Inventory and Value – Iowa and United States: January 1, 2012-2021

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										
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	
2021	160	37,280	90	4	20	114	45	1	46	
United States										
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	
2021	5,170	1,071,427	2,960	170	650	3,780	1,309	81	1,390	

Sheep and Lambs, Inventory and Value Iowa: January 1, 2007-2021



Sheep and Lambs, Wool Production and Income – Iowa and United States: 2011-2020

Year	Sheep shorn (head)	Weight per fleece (pounds)	Production (pounds)	Price per pound (dollars)	Value (dollars)
Iowa					
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
2020	135,000	5.9	795,000	0.30	239,000
United States					
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
2020	3,275,000	7.1	23,124,000	1.66	38,405,000

Sheep and Lambs, Inventory, Lamb Crop, Farm Slaughter, and Death Loss – Iowa and United States: 2011-2020

Year	Inventory January 1	Lamb crop	Farm slaughter	Sheep and lamb deaths
(head)-				
Iowa				
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
2020	151,000	120,000	1,500	23,000
United States				
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
2020	5,200,000	3,210,000	93,000	580,000

Commercial Sheep and Lamb Slaughter, Number of Head by Month – Iowa and United States: 2016-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
(1,000 head)													
Iowa													
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	0.40	0.10	0.20	2.20
2020	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.30	0.20	0.20	2.00
United States													
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
2020	183	164	188	181	195	193	196	178	185	183	181	198	2,225

¹Totals may not add due to rounding.

Commercial Sheep and Lamb Slaughter, Total Live Weight by Month – Iowa and United States: 2016-2020

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
(1,000 pounds)													
Iowa													
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
2020	21	17	17	16	14	20	26	27	42	39	33	27	299
United States													
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
2020	23,853	21,373	24,573	22,277	25,245	24,974	24,492	21,824	21,732	21,235	21,410	24,058	277,046

¹Totals may not add due to rounding.

Commercial Sheep and Lamb Slaughter, Average Live Weight by Month – Iowa and United States: 2016-2020

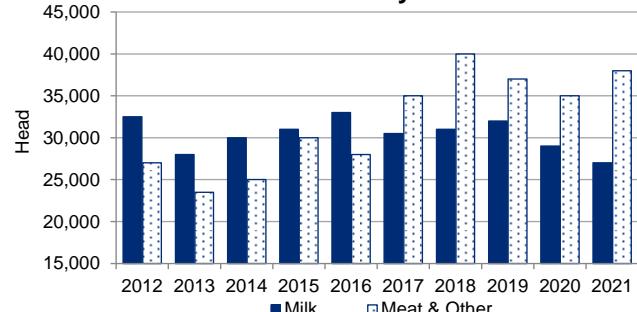
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total ¹
(pounds)													
Iowa													
2016	154	153	163	154	162	165	163	163	155	148	150	151	156
2017	154	153	169	180	173	170	168	169	152	162	158	165	163
2018	162	157	170	166	164	169	174	170	164	163	165	165	166
2019	158	152	169	162	161	158	160	156	150	149	142	151	154
2020	143	142	151	147	145	145	148	154	154	153	149	152	149
United States													
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
2020	130	131	131	123	129	129	125	123	118	116	118	122	125

Goats

Goat Inventory – Iowa: January 1, 2012-2021

Year	Milk goats	Meat and other goats
	(head)	(head)
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
2021	27,000	38,000

Goat Inventory By Type Iowa: January 1



Bees and Honey

Number of Colonies, Yield, Production, Stocks, Price, and Value – Iowa and United States: 2016-2020

[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 (1,000)	Yield (pounds)	Production (1,000 pounds)	Honey stocks December 15 ² (1,000 pounds)	Average price per pound ³ (dollars)	Value of production ⁴ (1,000 dollars)
Iowa						
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	2.35	4,912
2020	35	58.0	2,030	1,259	2.59	5,258
United States ^{5,6}						
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	40,861	1.99	312,275
2020	2,706	54.5	147,594	39,715	2.03	299,616

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: 2018-2021

[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 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	17,000	1,600	9	6,000	420	2
Apr-Jun 2020	21,000	29,000	3,600	12	17,000	4,700	16
Jul-Sep 2020	34,000	38,000	1,800	5	1,100	2,900	8
Oct-Dec 2020	38,000	38,000	4,800	13	700	850	2
Jan-Mar 2021	15,000	25,000	2,100	8	3,100	30	(Z)
Apr-Jun 2021	26,000	27,000	2,200	8	10,500	3,900	14

(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 requeened 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: 2019-2020

Expenditure - farm share	Farms reporting ¹		Average per farm ²		Total expenditures	
	2019	2020	2019	2020	2019	2020
Livestock, poultry and related expenses ³	20.6	25.0	57,913	53,059	4,940	4,510
Feed	28.2	34.8	81,125	69,412	6,920	5,900
Farm services ⁴	96.2	95.5	31,770	35,059	2,710	2,980
Rent ⁵	41.6	39.3	45,135	42,471	3,850	3,610
Agricultural chemicals ⁶	57.1	59.0	13,247	13,294	1,130	1,130
Fertilizer, lime, and soil conditioners ⁶	56.1	62.7	20,868	24,471	1,780	2,080
Interest	46.2	49.5	9,379	10,118	800	860
Taxes (real estate and property)	100.0	100.0	10,317	11,882	880	1,010
Labor	16.6	23.5	9,848	9,294	840	790
Fuels	75.2	75.9	8,441	7,294	720	620
Farm supplies and repairs ⁷	70.0	73.0	12,427	12,824	1,060	1,090
Farm improvements and construction ⁸	44.1	55.0	16,061	7,882	1,370	670
Tractors and self-propelled farm machinery	13.7	18.3	9,027	8,471	770	720
Other farm machinery	15.3	20.7	4,572	4,118	390	350
Seeds and plants ⁹	59.1	59.5	22,860	23,647	1,950	2,010
Trucks and autos	13.1	14.0	2,814	2,176	240	185
Miscellaneous capital expenses	4.6	3.2	352	235	30	20
Total farm production expenditures ¹⁰	100.0	100.0	356,155	335,706	30,380	28,535

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

⁴ 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.

⁵ Includes cash rent paid, share rent, plus public and private grazing fees.

⁶ Includes material and application costs.

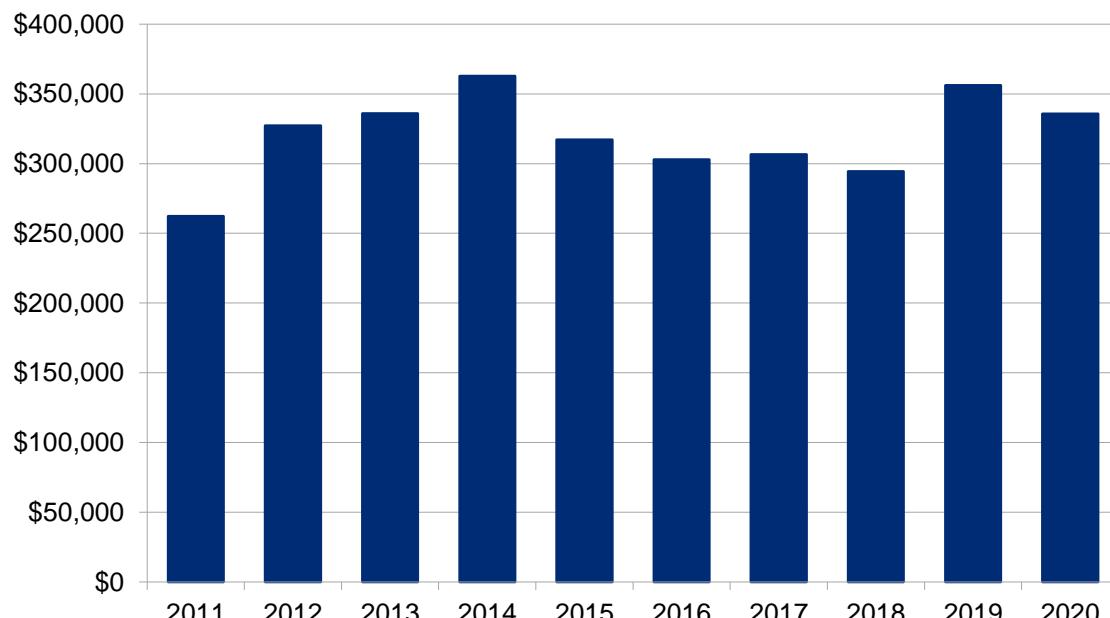
⁷ Includes bedding and litter, marketing containers, power farm-shop equipment, oils and lubricants, temporary fencing, miscellaneous non-capital equipment and supplies, repairs and maintenance of equipment not depreciated, and other small, non-capital equipment.

⁸ 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.

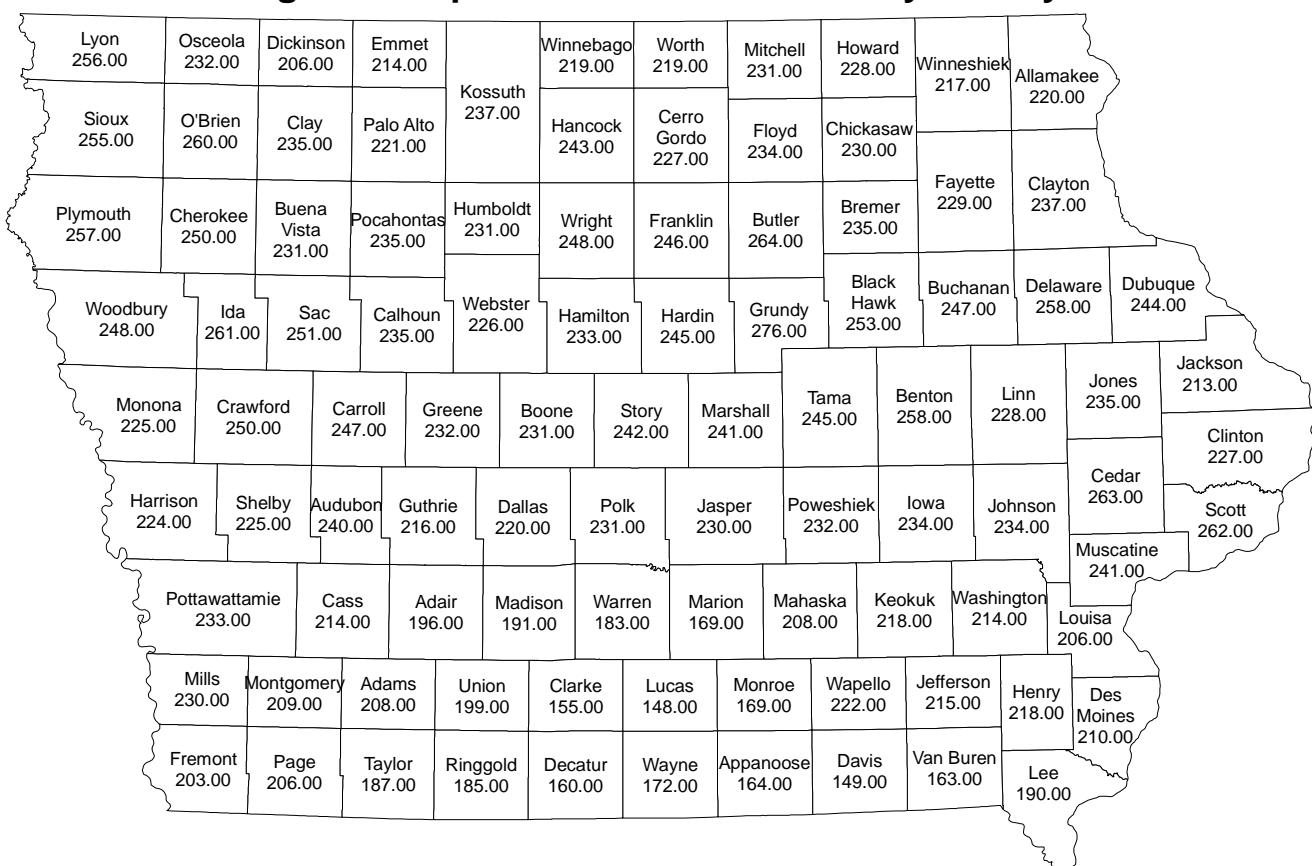
⁹ All purchases of seed, plants, or seed treatments for nursery and farming operation are included. Bedding plants, nursery stock, and seed purchased for resale are excluded.

¹⁰ Includes the operator, landlord, and contractor shares of farm production expenses. Totals may not add due to rounding.

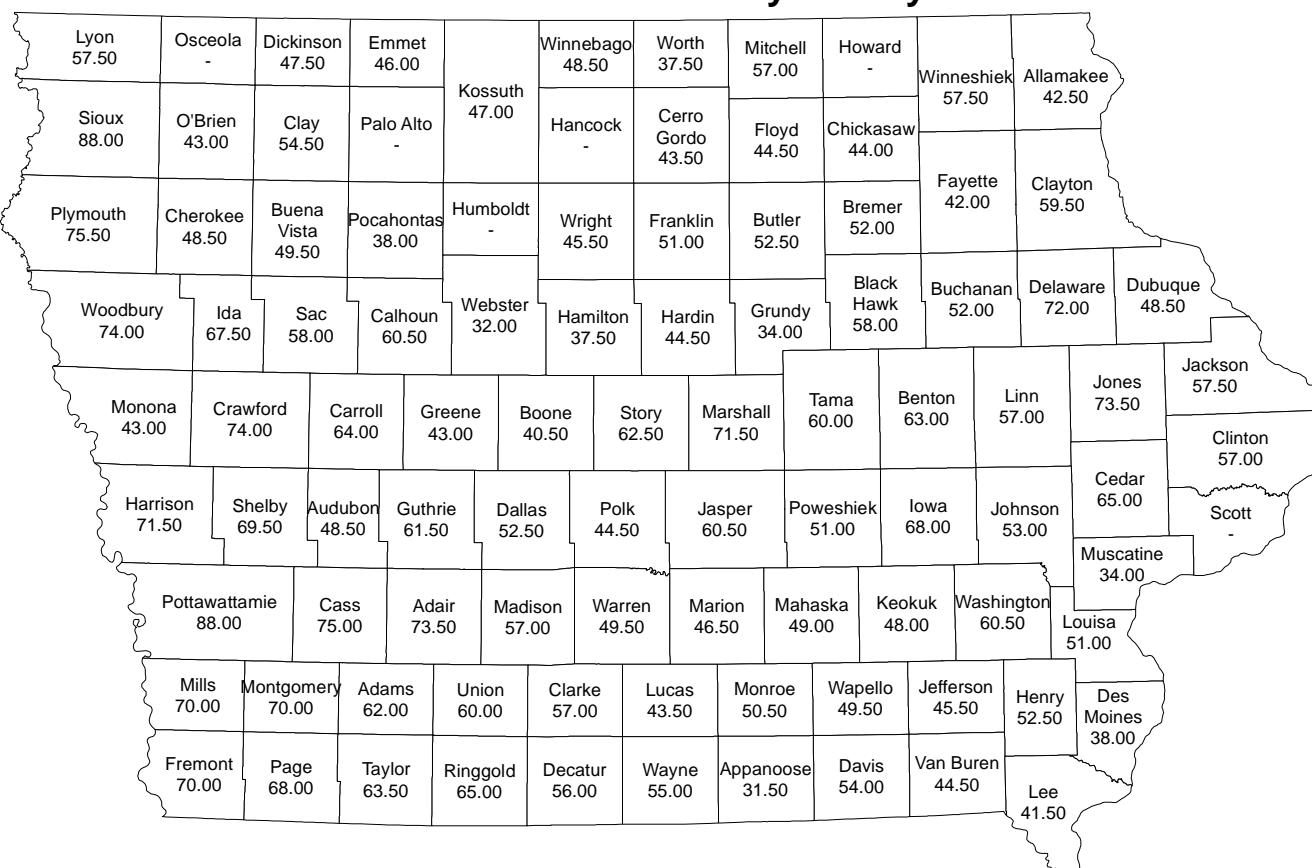
Farm Production Expenditures, Average per Farm Iowa: 2011-2020



Non-Irrigated Cropland Cash Rent – Iowa by County: 2021



Pasture Cash Rent – Iowa by County: 2021



- County estimate not published.

Cash Rent – Iowa: 2019-2021

Item	2019	2020	2021
(dollars per acre)			
Cropland, cash rent expense.....	230.00	230.00	233.00
Irrigated, cash rent expense.....	235.00	238.00	229.00
Non-irrigated, cash rent expense	230.00	230.00	233.00
Pasture, cash rent expense.....	59.00	54.00	58.00

Cash Rent – Iowa by County: 2020 and 2021

County by district	Non-irrigated cropland		Pasture	
	2020	2021	2020	2021
(dollars per acre)				
Northwest				
Buena Vista	221.00	231.00	40.00	49.50
Cherokee	247.00	250.00	45.50	48.50
Clay	212.00	235.00	42.50	54.50
Dickinson	205.00	206.00	38.50	47.50
Emmet	207.00	214.00	57.00	46.00
Lyon	256.00	256.00	50.00	57.50
O'Brien	251.00	260.00	44.00	43.00
Osceola	237.00	232.00	90.00	—
Palo Alto	247.00	221.00	43.00	—
Plymouth	255.00	257.00	71.00	75.50
Pocahontas	243.00	235.00	42.00	38.00
Sioux	263.00	255.00	90.00	88.00
North Central				
Butler	253.00	264.00	45.00	52.50
Cerro Gordo	223.00	227.00	43.50	43.50
Floyd	228.00	234.00	54.50	44.50
Franklin	239.00	246.00	55.50	51.00
Hancock	237.00	243.00	54.00	—
Humboldt	231.00	231.00	—	—
Kossuth	229.00	237.00	55.50	47.00
Mitchell	219.00	231.00	45.50	57.00
Winnebago	211.00	219.00	45.00	48.50
Worth	210.00	219.00	39.50	37.50
Wright	233.00	248.00	—	45.50
Northeast				
Allamakee	222.00	220.00	42.50	42.50
Black Hawk	247.00	253.00	50.00	58.00
Bremer	266.00	235.00	38.00	52.00
Buchanan	238.00	247.00	62.00	52.00
Chickasaw	227.00	230.00	36.00	44.00
Clayton	225.00	237.00	—	59.50
Delaware	258.00	258.00	51.00	72.00
Dubuque	239.00	244.00	57.00	48.50
Fayette	240.00	229.00	49.50	42.00
Howard	218.00	228.00	—	—
Winneshiek	225.00	217.00	47.00	57.50
West Central				
Audubon	242.00	240.00	54.00	48.50
Calhoun	219.00	235.00	53.50	60.50
Carroll	230.00	247.00	65.50	64.00
Crawford	246.00	250.00	72.50	74.00
Greene	226.00	232.00	41.00	43.00
Guthrie	203.00	216.00	61.50	61.50
Harrison	213.00	224.00	65.50	71.50
Ida	257.00	261.00	69.00	67.50
Monona	222.00	225.00	52.00	43.00
Sac	242.00	251.00	55.00	58.00
Shelby	230.00	225.00	68.00	69.50
Woodbury	256.00	248.00	80.50	74.00

County by district	Non-irrigated cropland		Pasture	
	2020	2021	2020	2021
(dollars per acre)				
Central				
Boone	225.00	231.00	37.50	40.50
Dallas	227.00	220.00	42.50	52.50
Grundy	272.00	276.00	45.00	34.00
Hamilton	232.00	233.00	46.00	37.50
Hardin	240.00	245.00	52.00	44.50
Jasper	232.00	230.00	52.50	60.50
Marshall	229.00	241.00	45.50	71.50
Polk	234.00	231.00	48.50	44.50
Poweshiek	219.00	232.00	51.00	51.00
Story	240.00	242.00	57.00	62.50
Tama	237.00	245.00	45.50	60.00
Webster	241.00	226.00	34.00	32.00
East Central				
Benton	250.00	258.00	60.00	63.00
Cedar	250.00	263.00	69.50	65.00
Clinton	242.00	227.00	52.50	57.00
Iowa	236.00	234.00	55.50	68.00
Jackson	246.00	213.00	48.00	57.50
Johnson	230.00	234.00	57.50	53.00
Jones	226.00	235.00	58.50	73.50
Linn	244.00	228.00	52.00	57.00
Muscatine	237.00	241.00	34.00	34.00
Scott	264.00	262.00	55.50	—
Southwest				
Adair	190.00	196.00	71.00	73.50
Adams	189.00	208.00	62.00	62.00
Cass	205.00	214.00	65.50	75.00
Fremont	185.00	203.00	70.00	70.00
Mills	219.00	230.00	85.00	70.00
Montgomery	196.00	209.00	74.00	70.00
Page	186.00	206.00	65.50	68.00
Pottawattamie	219.00	233.00	58.50	88.00
Taylor	191.00	187.00	58.00	63.50
South Central				
Appanoose	168.00	164.00	37.50	31.50
Clarke	146.00	155.00	51.00	57.00
Decatur	139.00	160.00	46.50	56.00
Lucas	135.00	148.00	40.50	43.50
Madison	192.00	191.00	48.00	57.00
Marion	194.00	169.00	48.00	46.50
Monroe	170.00	169.00	47.50	50.50
Ringgold	183.00	185.00	65.00	65.00
Union	195.00	199.00	51.00	60.00
Warren	193.00	183.00	55.00	49.50
Wayne	163.00	172.00	43.00	55.00
Southeast				
Davis	154.00	149.00	48.50	54.00
Des Moines	215.00	210.00	52.50	38.00
Henry	221.00	218.00	62.00	52.50
Jefferson	224.00	215.00	43.00	45.50
Keokuk	202.00	218.00	48.00	48.00
Lee	172.00	190.00	36.50	41.50
Louisa	218.00	206.00	38.50	51.00
Mahaska	216.00	208.00	46.00	49.00
Van Buren	152.00	163.00	39.50	44.50
Wapello	218.00	222.00	38.50	49.50
Washington	218.00	214.00	58.00	60.50
Other counties ¹	(X)	(X)	(NA)	56.50
Iowa	230.00	233.00	54.00	58.00

(NA) Not available.

(X) Not applicable.

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

¹ Includes counties not published individually.

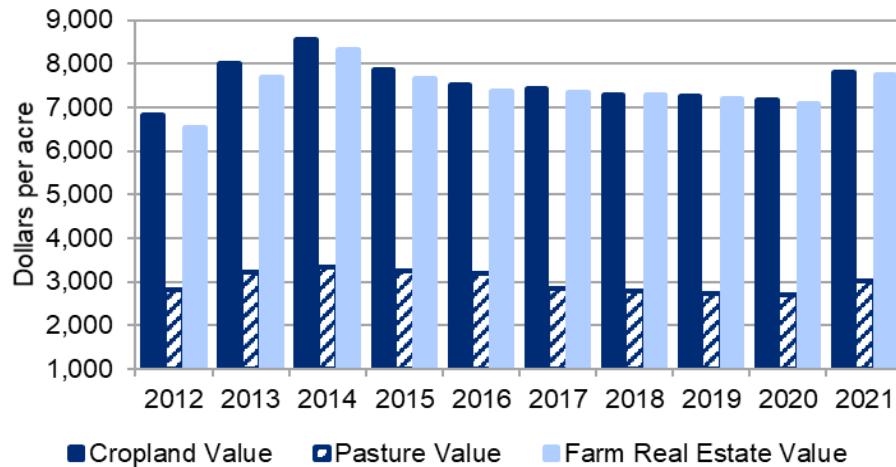
Land Values - Iowa: 2017-2021

Item	2017	2018	2019	2020	2021
Cropland, average value (dollars per acre)	7,440	7,290	7,260	7,170	7,810
Pasture, average value (dollars per acre)	2,850	2,790	2,720	2,690	3,020
Farm real estate, average value (dollars per acre)	7,350	7,270	7,190	7,070	7,740
Value of farmland and buildings ¹ (million dollars)	224,910	222,462	220,014	216,342	(NA)

(NA) Not available. 2021 Land in Farms acres used in this calculation will be released in February 2022.

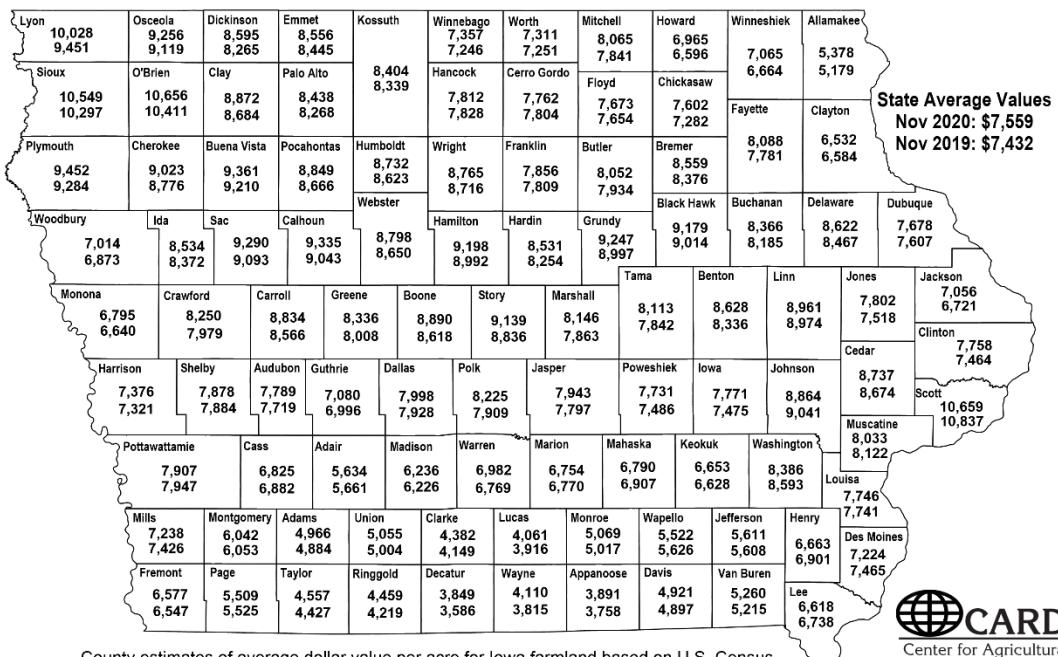
¹ Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms.

Land Values – Iowa: 2012-2021



Average Land Values by County: 2019-2020 Iowa State University's Iowa Land Value Survey

2020 and 2019 Iowa Average Land Values, by County



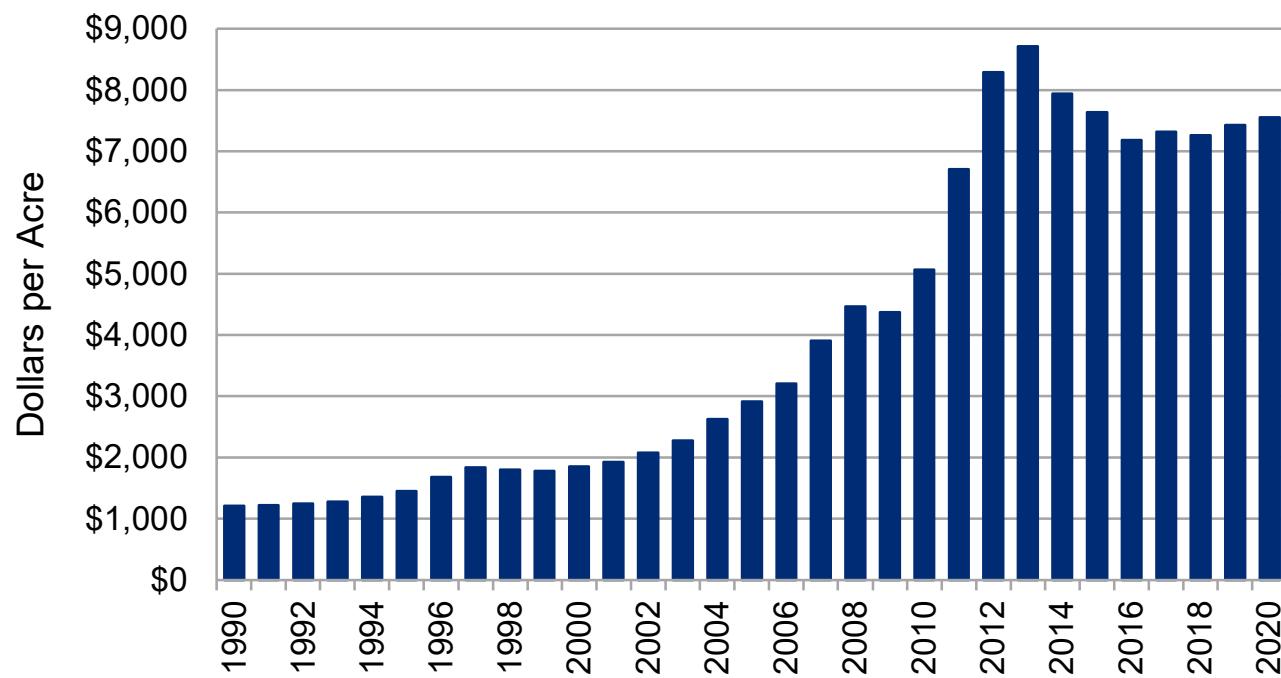
County estimates of average dollar value per acre for Iowa farmland based on U.S. Census of Agriculture estimates and the Nov. 1, 2020, Iowa Land Value Survey conducted by Center for Agricultural and Rural Development, Iowa State University and Iowa State University Extension and Outreach. The top figure is the estimated Nov. 1, 2020, value; the bottom figure is the estimated Nov. 1, 2019, value.



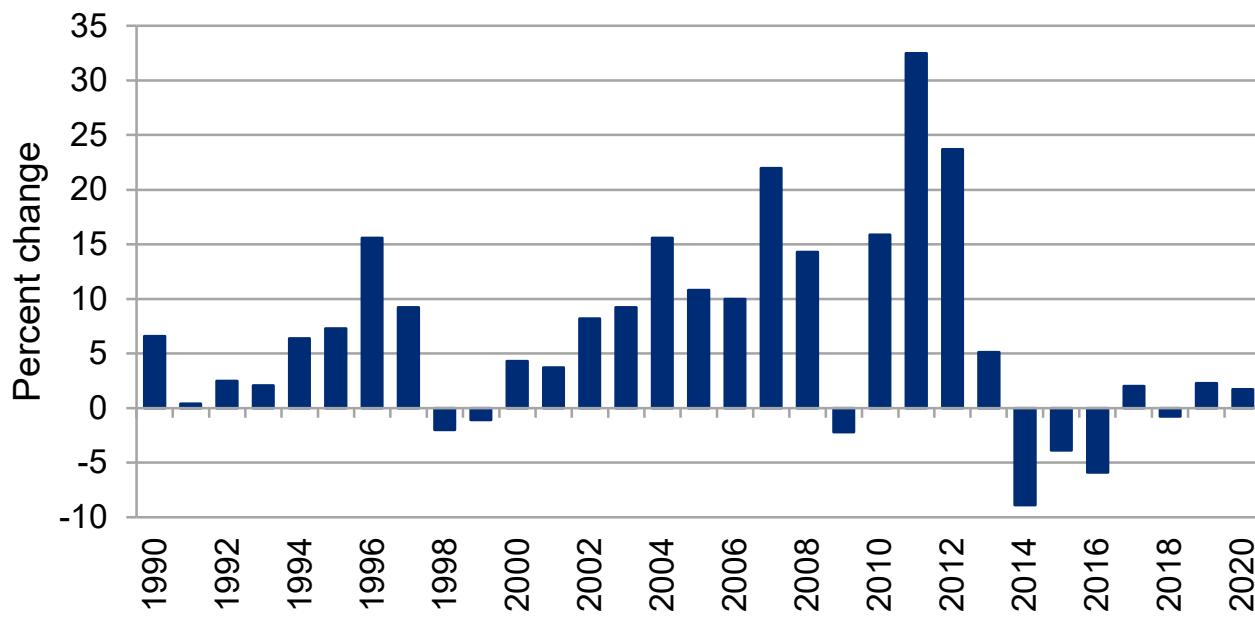
Center for Agricultural
and Rural Development

IOWA STATE
UNIVERSITY
Extension and Outreach

Land Values – Iowa: 1990-2020



Land Values, Percent Changes Iowa: 1990-2020



Source: 2020 Land Value Survey, Iowa State University, Center for Agricultural and Rural Development

Farm Custom Rates – Iowa: 2021

[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	\$11.90	\$8.00 - \$16.00	
Moldboard plowing	18.40	14.00 - 22.00	
Chisel plowing	17.50	10.00 - 22.50	
Disk/chiseling	20.00	14.00 - 28.00	
Vertical tillage	18.45	12.00 - 25.00	
Strip tillage	20.15	16.00 - 25.00	
-ext chg, dry bulk fert, band, no mats	3.50	1.00 - 5.00	
-ext chg, liq fertilizer, knifed, no mats	4.25	1.00 - 7.00	
-ext chg, anhydrous fertilizer, no mats	2.60	1.50 - 3.00	
Subsoiling (8-15 in. deep)	21.00	15.00 - 25.00	
V-ripping (over 15 in. deep)	21.25	15.00 - 29.00	
V-ripping with tandem disk	21.95	14.50 - 28.50	
Disking, tandem	15.00	9.00 - 20.00	
Disking, heavy or offset	17.65	13.00 - 22.00	
Harrowing or dragging	9.75	6.00 - 14.00	
Soil finishing	14.95	9.50 - 20.00	
Field cultivating	15.05	8.00 - 22.00	
Rock picking	16.40	10.00 - 25.00	
Cultivating, conventional	12.45	8.00 - 15.00	
Cultivating, ridge-till	15.00	12.00 - 18.00	
Rotary hoeing	9.90	6.00 - 15.00	
Land rolling	6.80	4.00 - 10.50	

PLANTING, DRILLING, AND SEEDING / ACRE

Planting -			
-with fertilizer & insecticide attach	\$22.90	\$14.00 - \$35.00	
-without attachments	20.60	12.00 - 29.50	
-with splitters & attachments	21.20	13.50 - 30.00	
-with high-speed planter	23.25	15.00 - 30.00	
-no-till planter	21.90	11.00 - 32.00	
-no-till planter with splitters	22.70	14.00 - 32.00	
-ridge till planter	24.55	18.00 - 30.00	
Extra charge for seed shut-offs	2.10	0.50 - 5.00	
Extra charge for var. rate seeding	2.35	0.50 - 5.00	
Extra charge for GPS use	2.20	0.50 - 4.00	
Seed tender	2.55	0.50 - 5.00	
Drilling soybeans	18.60	13.00 - 24.00	
Drilling soybeans, no-till	19.65	13.00 - 27.00	
Drilling grass seed	17.95	10.00 - 25.00	
Drilling small grain	17.15	12.00 - 22.00	
Seeding grass, broadcast w/tractor	11.35	7.25 - 15.00	
Seeding grass, broadcast with ATV	12.50	7.00 - 20.00	
Aerial seeding of cover crop	12.40	8.00 - 18.00	
Drilling cover crop seed	16.15	9.00 - 23.00	

SPRAYING / ACRE (materials not included)

Ground, broadcast, tractor	\$6.55	\$5.00 - \$10.00	
Ground, incorporated, tractor	9.15	5.00 - 14.00	
Ground, broadcast, self propelled	7.50	4.50 - 12.00	
Ground, banded, tractor	7.60	5.00 - 10.00	
Ground, road ditches / hour	60.15	20.00 - 100.00	
Aerial	9.75	8.00 - 12.00	

FERTILIZER APPLICATION / ACRE (materials not included)

	(average)	(range)	
Dry bulk – applied	\$5.55	\$3.00 - \$8.00	
Liquid – spraying	6.70	5.00 - 8.00	
– side dressing	11.80	6.50 - 16.00	
Anhydrous – injecting, with tool bar	12.25	7.50 - 16.00	
– injecting, without tool bar	10.80	7.00 - 15.00	
Spreading lime / ton	6.00	3.00 - 10.00	

HARVESTING, DRYING, AND HAULING GRAIN

Corn combining / acre	\$35.10	\$22.00 - \$45.00	
-with chopper head / acre	38.90	24.00 - 58.00	
-added charge for corn reel / acre	5.85	1.00 - 10.00	
Soybean combining / acre	34.20	22.00 - 46.00	
-with air reel / acre	34.45	25.00 - 44.00	
-with draper head / acre	37.85	23.00 - 54.00	
Small grain combining / acre	30.45	25.00 - 36.00	
Complete harvesting (combine, grain cart, haul to farm storage)			
-Corn / acre	52.30	32.00 - 85.00	
-Soybeans / acre	49.90	30.00 - 80.00	
Added charge for GPS mapping	2.50	0.50 - 5.00	
Picking ear corn (seed corn) / acre	34.80	30.00 - 38.00	
Picking ear corn (farm use) / acre	31.90	25.00 - 35.00	
Drying corn (includes fuel, electricity, labor)			
-continuous flow dryer, point / bu	0.042	0.030 - 0.050	
-bin dryer, point / bu	0.035	0.020 - 0.050	
Handling grain by auger / bu	0.055	0.010 - 0.100	
Hauling grain			
-grain cart, corn, / acre	5.80	1.00 - 12.00	
-grain cart, soybeans / acre	5.05	1.00 - 8.00	
-to farm storage, wagon / bu	0.068	0.035 - 0.100	
-farm storage to market, wagon / bu	0.086	0.035 - 0.120	
-to market, truck (5 mi, 1-way) / bu	0.101	0.050 - 0.180	
-to market, truck (25 mi, 1-way) / bu	0.156	0.050 - 0.250	
-to market, truck (100 mi, 1-way) / bu	0.298	0.120 - 0.450	

HARVESTING FORAGES

Hay -mowing / acre	\$11.35	\$8.00 - \$15.00	
-conditioning / acre	12.00	10.00 - 13.00	
-mowing/conditioning / acre	15.15	12.00 - 20.00	
-raking / acre	7.60	5.00 - 10.00	
-windrowing / acre	14.50	9.00 - 18.00	
-tedding / acre	6.70	5.00 - 8.00	
Swathing hay or small grain / acre	13.65	12.00 - 16.00	
Hay baling -small square bales / bale	0.59	0.40 - 0.80	
-large square bales / bale	9.35	8.00 - 11.00	
-large round bales w/o wrap / bale	10.80	8.00 - 14.00	
-large round bales with wrap / bale	13.20	11.00 - 16.00	
Straw or corn stalk baling			
-lg round or sq w/o wrap / bale	12.45	9.00 - 18.00	
-lg round or sq w/ wrap / bale	13.95	11.00 - 20.00	
Move lg round bales to storage / bale	2.95	2.00 - 5.00	
Move lg square bales to storage / bale	2.30	2.00 - 3.00	
Haul rnd bales by trk or trlr / bale/mi	0.18	0.07 - 0.25	
Silage -chopping / hr / head row	79.70	50.00 - 112.50	
Silage -chopping / ton	7.10	6.00 - 8.00	
Filling silage bags / foot of bag	8.80	8.00 - 9.50	
Earlage or snaplage - chopping / acre	64.75	55.00 - 75.00	

MISCELLANEOUS SERVICES (labor, fuel, and equipment included)				CUSTOM FARMING (tillage, planting, pest control, harvesting and hauling to farm, no drying)			
	(average)	(range)		(average)	(range)		
Removing snow (loader) / hour	\$75.30	\$45.00 - \$100.00					
Removing snow (blade) hour / ft blade	7.70	5.63 - 10.42					
Removing snow (blwr) hour / ft blwr	15.45	7.50 - 20.00					
Tub grinding hay / hour	255.00	150.00 - 400.00					
Tub grinding hay / ton	11.90	10.00 - 14.50					
Spread liq manure, inject / 1,000 gal	13.35	10.00 - 17.00					
Apply liq manure w/drag line 1,000 gal	11.65	10.00 - 15.00					
Loading solid manure / hour	78.00	50.00 - 100.00					
Loading, spreading solid manure / ton	4.95	3.25 - 7.00					
Loading, spreading solid manure / hour	130.00	75.00 - 190.00					
Power washing / hour	47.55	40.00 - 58.00					
Building fence, barb / hr (no mats)	16.75	15.00 - 20.00					
Building fence, barb / rod (no mats)	10.80	10.00 - 12.00					
Bldg fence, wov/barb / hr (no mats)	16.15	15.00 - 20.00					
Bldg fence, wov/barb / rod (no mats)	11.60	10.00 - 13.00					
Scouting crops / acre	3.70	2.00 - 5.00					
Scouting crops with drone / acre	3.30	2.00 - 4.00					
Scouting crops w fixed wing acft / acre	2.40	2.00 - 3.00					
Soil testing / sample	4.15	3.00 - 5.00					
GPS grid soil testing / acre	6.75	4.00 - 11.00					
Managing stored grain / bu	0.05	0.01 - 0.10					
Vacuuming grain / bu	0.10	0.03 - 0.18					
Livestock hauling/trailer / loaded mile -semi truck / loaded mile	2.55	2.00 - 3.50					
Bulldozing / hour / foot of blade	3.55	3.25 - 4.25					
Digging post holes / hole	11.85	6.67 - 15.83					
Driving steel fence posts / post	3.55	3.00 - 4.00					
Trenching / foot	1.00	1.00 - 1.00					
Tiling, tiling machine (excl mats) / ft	1.60	0.85 - 2.00					
Tiling, tile plow (excl mats) / ft	1.00	0.50 - 2.00					
Back hoeing / hour	0.79	0.45 - 1.25					
Clearing land / hour	94.45	60.00 - 160.00					
Chain sawing / hour	144.60	125.00 - 160.00					
Welding machinery / hour	64.40	40.00 - 100.00					
Mowing CRP or pasture / acre	65.00	40.00 - 90.00					
Control burn grass, CRP, pasture / acre	19.20	10.00 - 28.00					
Mowing fence rows, ditches / hour	20.65	5.00 - 40.00					
Mowing lawns / hour	66.35	20.00 - 100.00					
Chopping brush / acre	45.50	18.50 - 65.00					
Using truck scale / load weighed	33.20	25.00 - 45.00					
	2.15	1.00 - 3.00					

SOURCE: Iowa State University Extension and Outreach

Farm Labor, Employment, and Wage Rates by Quarter – Corn Belt II Region and United States: 2017-2021

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						
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
July	21	37.7	15.46	14.68	15.15	15.90
October	25	39.8	15.86	14.81	15.50	16.10
2021						
January	20	38.4	15.77	15.97	15.90	16.79
April	25	39.9	15.61	16.05	15.85	16.69
United States						
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
July	777	41.4	14.98	14.50	14.85	15.62
October	758	42.1	15.28	14.62	15.10	15.87
2021						
January	506	40.2	15.23	14.87	15.08	16.21
April	613	40.9	15.19	14.81	15.06	15.97

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.

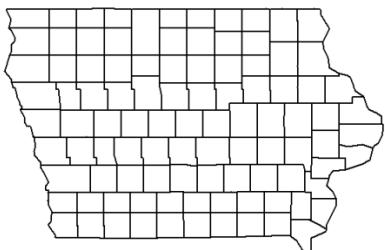
² Cornbelt II Region includes Iowa and Missouri.

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



<i>Census of Agriculture – 2017</i>			
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, 2021

	Number of head
All cattle and calves	3,650,000
Beef cows	890,000
Milk cows	220,000

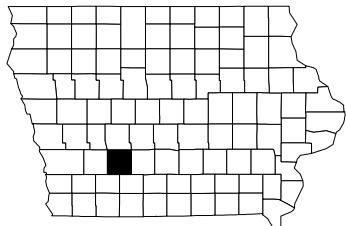
Crops – 2020 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production
	(acres)	(acres)	(bu/acre)	(1,000 bu)
Corn for grain	13,600,000	12,900,000	178.0	2,296,200,000
Soybeans	9,400,000	9,320,000	53.0	493,960,000
Oats	170,000	73,000	78.0	5,694,000

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)

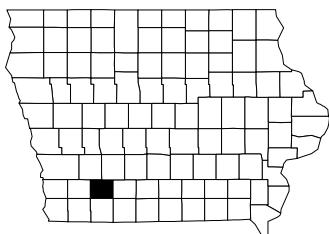
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	43,500	22T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	109,000	108,200	169.7	18,362	65
Soybeans	105,500	104,700	47.2	4,942	38
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

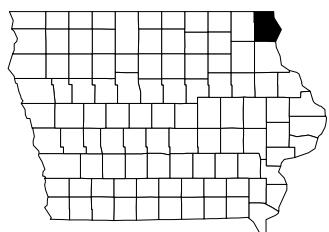
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	26,500	51T
Beef cows	12,400	22
Milk cows	(D)	(NA)

Crops – 2020 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	70,000	69,000	174.2	12,020	80
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

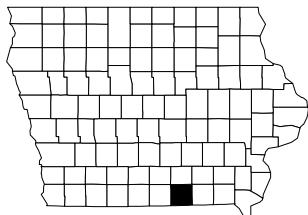
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	63,000	12
Beef cows	18,300	3T
Milk cows	13,100	4

Crops – 2020 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	96,000	87,600	197.4	17,292	70
Soybeans	30,700	30,400	57.7	1,754	83
Oats	8,500	2,950	62.4	184	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

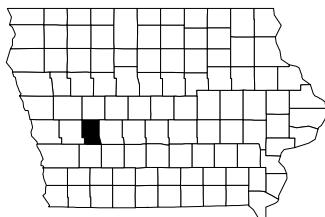
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	27,000	49T
Beef cows	14,700	13T
Milk cows	200	38T

Crops – 2020 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	31,300	29,600	145.0	4,292	94
Soybeans	47,100	46,600	38.4	1,789	82
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)

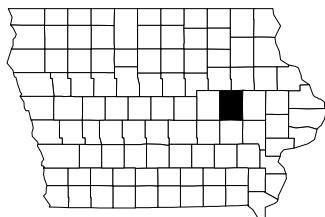
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	27,500	47T
Beef cows	6,700	44T
Milk cows	(D)	(NA)

Crops – 2020 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	109,100	171.7	18,732	64
Soybeans	91,900	91,100	47.4	4,318	53
Oats	900	530	74.7	39.6	25T

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

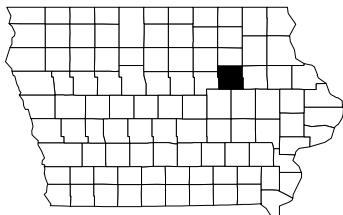
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	33,500	32
Beef cows	11,300	26
Milk cows	4,500	11T

Crops – 2020 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	192,500	151,000	145.6	21,986	56
Soybeans	149,500	148,400	55.7	8,266	4
Oats	1,600	490	79.2	38.8	27

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

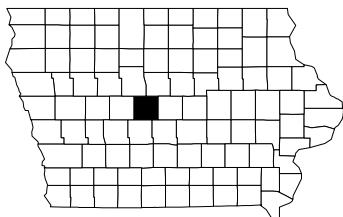
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	15,500	78
Beef cows	3,600	62
Milk cows	900	27T

Crops – 2020 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	150,000	147,100	170.8	25,125	39
Soybeans	84,600	83,900	53.2	4,463	49
Oats	800	150	77.3	11.6	34

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

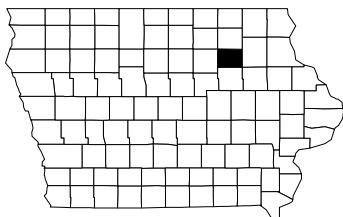
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	13,300	84
Beef cows	3,900	58T
Milk cows	(D)	(NA)

Crops – 2020 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	162,500	141,300	161.6	22,834	50
Soybeans	102,000	101,200	50.0	5,060	37
Oats	900	400	113.0	45.2	22

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

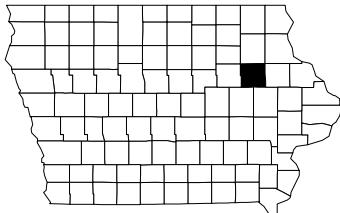
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	23,000	62
Beef cows	4,000	57
Milk cows	2,700	16

Crops – 2020 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	128,000	123,400	188.7	23,286	46
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	1,800	740	90.1	66.7	16

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

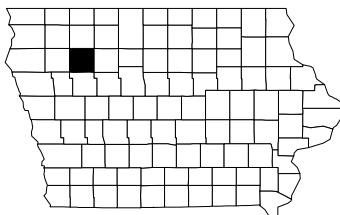
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	20,500	67T
Beef cows	4,500	55
Milk cows	2,200	17T

Crops – 2020 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	200,000	196,300	189.3	37,160	8
Soybeans	69,700	69,100	55.7	3,849	62
Oats	1,500	940	72.6	68.2	14T

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)

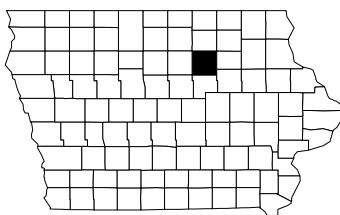
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	23,500	58T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	164,900	184.9	30,490	24
Soybeans	(D)	(D)	(D)	(D)	(NA)
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

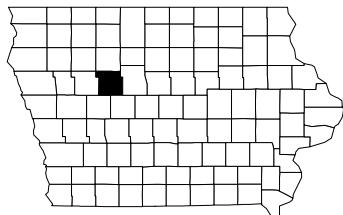
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	22,500	63
Beef cows	7,200	42
Milk cows	1,600	22T

Crops – 2020 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	173,400	193.9	33,622	14
Soybeans	92,000	91,200	53.2	4,852	39
Oats	1,200	850	70.5	59.9	18

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

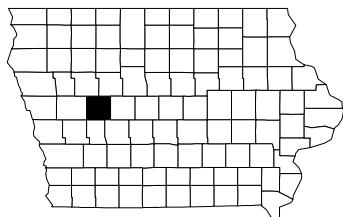
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	17,800	75T
Beef cows	5,400	47T
Milk cows	(D)	(NA)

Crops – 2020 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	182,000	178,100	160.5	28,585	26
Soybeans	129,000	127,900	46.8	5,986	22
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

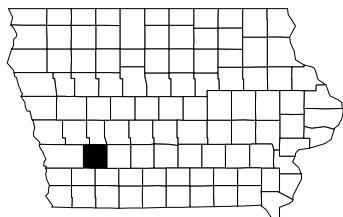
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	55,000	16
Beef cows	10,100	31
Milk cows	(D)	(NA)

Crops – 2020 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	178,800	151.4	27,070	32
Soybeans	105,500	104,300	53.8	5,611	28
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)

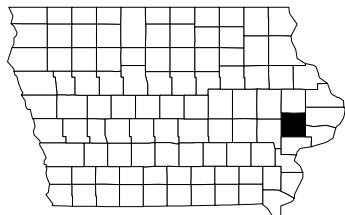
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	38,500	25T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	129,500	127,600	178.5	22,777	51
Soybeans	118,500	117,500	48.4	5,687	27
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

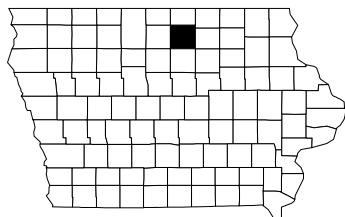
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	21,500	65T
Beef cows	8,000	40
Milk cows	200	38T

Crops – 2020 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	156,000	152,400	154.1	23,485	45
Soybeans	114,500	113,500	55.3	6,277	18
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

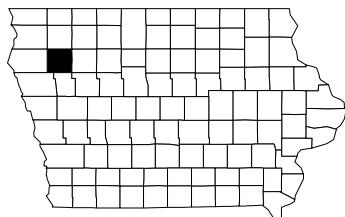
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	8,900	90
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	173,600	183.6	31,873	20
Soybeans	99,900	99,100	58.7	5,817	25
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

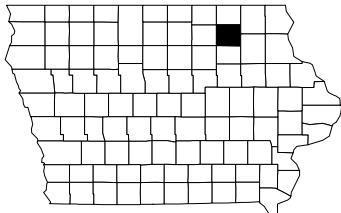
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	60,000	15
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	145,900	186.8	27,254	30
Soybeans	129,500	128,400	56.1	7,203	8
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

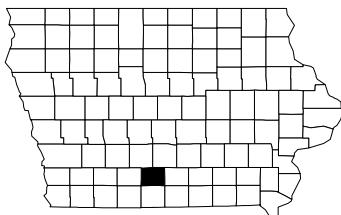
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	32,000	34
Beef cows	5,700	46
Milk cows	2,200	17T

Crops – 2020 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	145,000	186.8	27,086	31
Soybeans	81,400	80,800	54.9	4,436	50
Oats	1,800	370	76.2	28.2	29

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

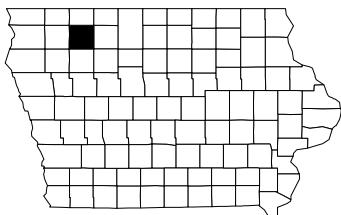
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	32,500	33
Beef cows	15,900	8
Milk cows	(D)	(NA)

Crops – 2020 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	32,500	29,300	156.1	4,574	93
Soybeans	37,600	37,300	45.1	1,682	84
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)

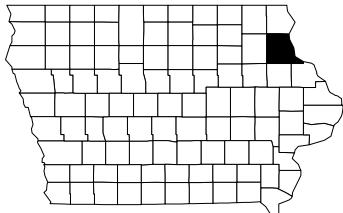
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	27,000	49T
Beef cows	4,900	50T
Milk cows	(D)	(NA)

Crops – 2020 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	136,100	169.1	23,015	48
Soybeans	119,000	118,000	49.4	5,831	24
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

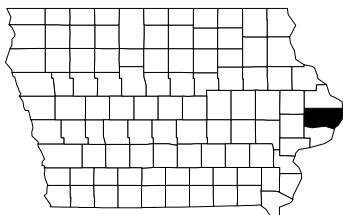
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	67,000	10
Beef cows	17,800	5
Milk cows	11,700	5

Crops – 2020 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	150,000	142,700	192.1	27,413	29
Soybeans	55,000	54,500	59.0	3,216	72
Oats	8,300	3,580	64.2	230	1

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)

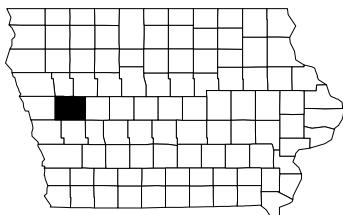
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	64,000	11
Beef cows	14,900	10T
Milk cows	3,600	14

Crops – 2020 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	192,500	184,200	179.4	33,045	17
Soybeans	114,000	113,000	55.9	6,317	17
Oats	3,000	880	72.0	63.4	17

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

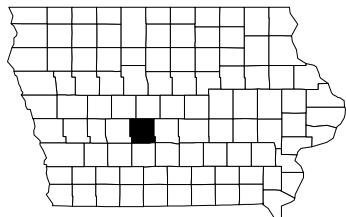
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	49,500	18
Beef cows	17,700	6
Milk cows	(D)	(NA)

Crops – 2020 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	206,500	182.3	37,645	7
Soybeans	135,500	134,300	53.2	7,145	9
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

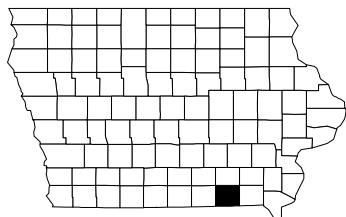
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	20,500	67T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	135,000	124,600	140.5	17,508	68
Soybeans	97,400	96,600	45.4	4,390	51
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

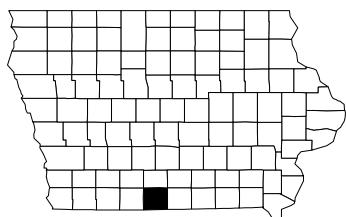
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	28,000	46
Beef cows	14,200	15
Milk cows	2,100	19T

Crops – 2020 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	46,500	37,700	170.9	6,443	90
Soybeans	53,000	52,600	41.2	2,167	79
Oats	1,800	520	67.9	35.3	28

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)

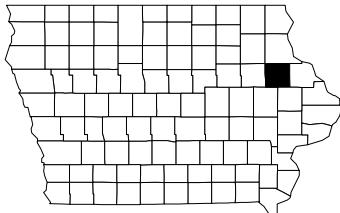
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	42,000	24
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	31,900	30,900	160.2	4,950	91
Soybeans	44,800	44,400	46.5	2,065	81
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, 2021

	Number of head	Rank in state
All cattle and calves	115,000	4
Beef cows	12,600	20
Milk cows	8,800	7

Crops – 2020 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	200,000	188,300	191.5	36,059	10
Soybeans	55,500	55,000	60.0	3,300	70
Oats	4,700	1,920	81.8	157	5

DES MOINES COUNTY

Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	6,900	95
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

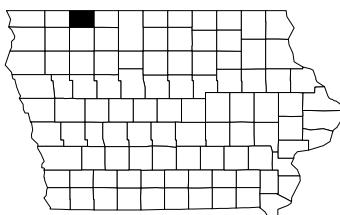
Census of Agriculture – 2017

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

Crops – 2020 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	72,100	70,600	191.3	13,506	78
Soybeans	66,800	66,300	59.5	3,945	58T
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

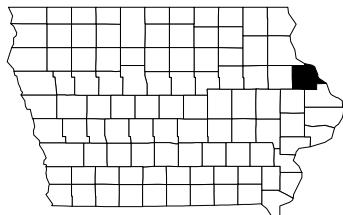
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	19,700	70
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	97,800	94,900	183.2	17,386	69
Soybeans	78,000	77,300	54.5	4,213	56
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

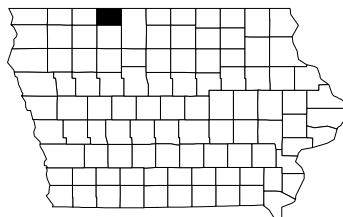
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	120,000	3
Beef cows	13,900	16
Milk cows	22,000	2

Crops – 2020 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	152,500	135,100	198.3	26,790	34
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	7,800	3,410	59.5	203	2

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)

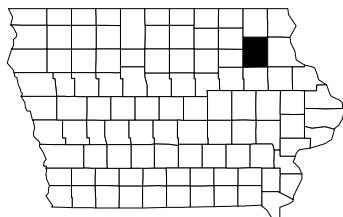
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	14,600	80T
Beef cows	5,400	47T
Milk cows	(D)	(NA)

Crops – 2020 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	116,000	113,700	187.2	21,285	58
Soybeans	84,700	84,000	55.0	4,620	46
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)

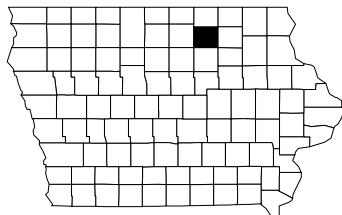
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	45,000	21
Beef cows	9,100	34
Milk cows	6,000	9

Crops – 2020 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	197,500	189,400	181.1	34,300	12
Soybeans	103,000	102,100	54.9	5,605	29
Oats	4,700	1,360	70	95.2	7

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

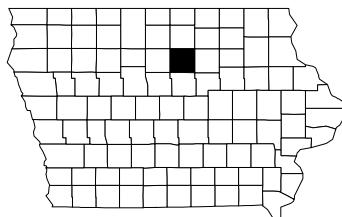
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	23,500	58T
Beef cows	3,900	58T
Milk cows	1,600	22T

Crops – 2020 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	146,500	143,200	188.5	26,993	33
Soybeans	89,900	89,100	53.0	4,722	42
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

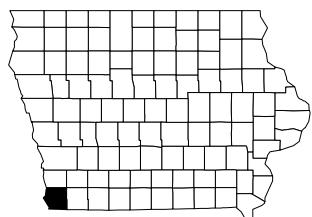
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	9,500	89
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	213,000	208,000	181.1	37,669	6
Soybeans	96,800	96,000	54.3	5,213	34
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

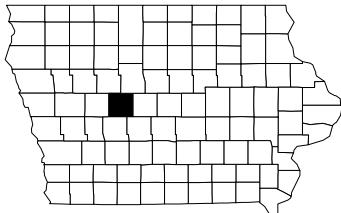
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	12,400	85
Beef cows	3,400	63
Milk cows	(D)	(NA)

Crops – 2020 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	115,000	114,000	195.9	22,333	53
Soybeans	107,500	106,500	53.8	5,730	26
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

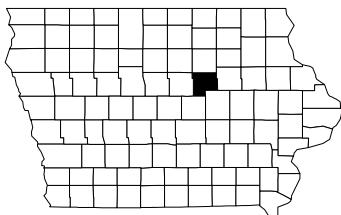
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	17,800	75T
Beef cows	4,600	54
Milk cows	(D)	(NA)

Crops – 2020 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	171,500	155,100	154.6	23,978	42
Soybeans	123,000	122,100	48.1	5,873	23
Oats	700	150	82.7	12.4	33

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

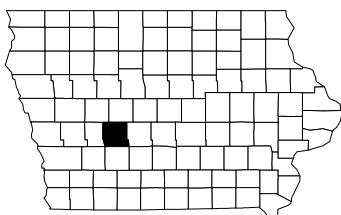
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	25,500	54
Beef cows	3,800	60T
Milk cows	600	30T

Crops – 2020 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	164,500	154,500	183.7	28,382	27
Soybeans	114,500	113,200	59.8	6,769	13
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)

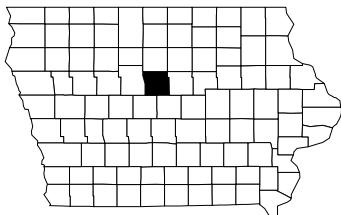
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	29,000	41T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	110,500	104,300	152.2	15,871	73
Soybeans	90,400	89,600	44.7	4,004	57
Oats	(D)	(D)	(D)	(D)	(NA)

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

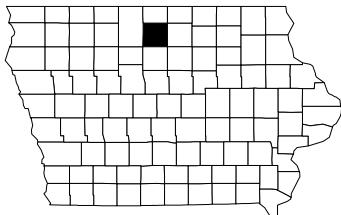
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	2,400	99
Beef cows	1,400	70T
Milk cows	200	38T

Crops – 2020 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	200,500	196,500	167.2	32,855	18
Soybeans	110,000	109,100	50.5	5,510	30
Oats	800	580	117.6	68.2	14T

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)

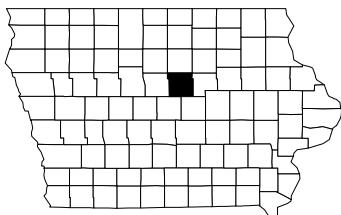
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	8,700	91
Beef cows	2,500	65T
Milk cows	200	38T

Crops – 2020 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	195,000	201.2	39,234	4
Soybeans	108,500	107,600	58.9	6,338	16
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)

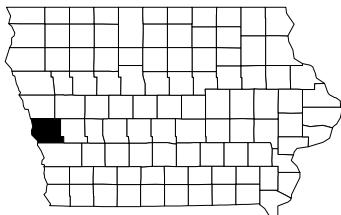
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	34,000	31
Beef cows	8,600	36T
Milk cows	100	47T

Crops – 2020 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	180,700	156.6	28,298	28
Soybeans	90,600	89,900	51.8	4,657	44
Oats	800	360	67.2	24.2	31

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

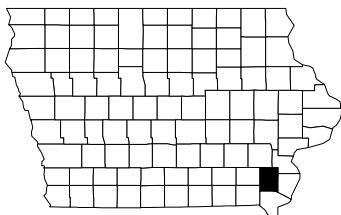
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	24,000	56T
Beef cows	9,600	32
Milk cows	(D)	(NA)

Crops – 2020 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	186,500	183,500	181.2	33,250	16
Soybeans	120,000	119,000	51.1	6,081	20
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

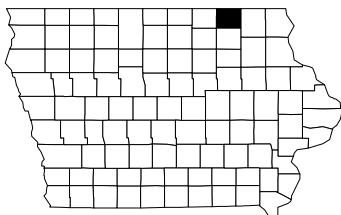
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	15,900	77
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	79,300	78,200	173.0	13,529	77
Soybeans	70,000	69,400	53.9	3,741	63
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

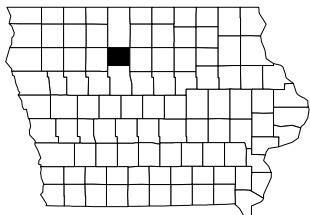
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	30,500	36T
Beef cows	4,700	52T
Milk cows	3,200	15

Crops – 2020 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	134,500	122,100	189.7	23,162	47
Soybeans	82,500	81,800	53.5	4,376	52
Oats	2,000	1,190	77.5	92.2	9

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

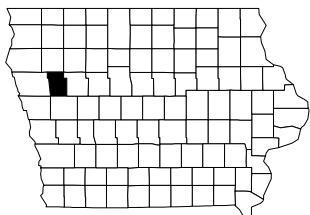
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	10,400	87T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	143,000	140,700	189.5	26,663	35
Soybeans	94,900	94,100	55.8	5,251	33
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

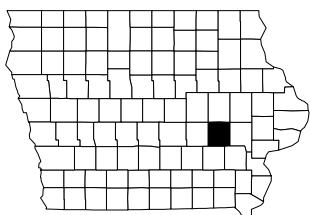
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	46,000	20
Beef cows	7,600	41
Milk cows	1,400	24T

Crops – 2020 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	117,400	189.3	22,224	54
Soybeans	94,100	93,300	54.5	5,085	36
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

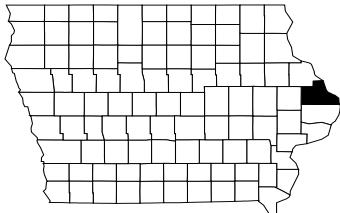
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	36,000	30
Beef cows	13,100	18
Milk cows	200	38T

Crops – 2020 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	127,000	119,800	151.9	18,198	66
Soybeans	93,500	92,800	48.9	4,538	48
Oats	2,200	1,330	69.4	92,300	8

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

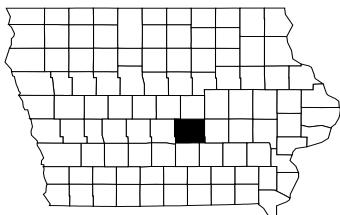
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	90,000	6
Beef cows	23,000	2
Milk cows	4,500	11T

Crops – 2020 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	122,500	113,400	186.7	21,172	59
Soybeans	47,900	47,500	53.7	2,551	78
Oats	6,600	1,800	61.7	111	6

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

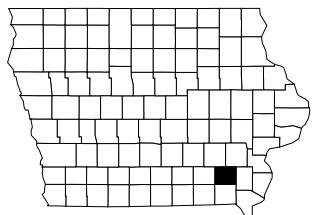
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	23,500	58T
Beef cows	8,600	36T
Milk cows	400	34T

Crops – 2020 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)

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

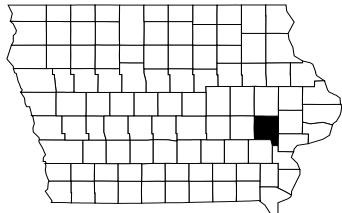
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	12,200	86
Beef cows	4,700	52T
Milk cows	200	38T

Crops – 2020 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	72,100	70,900	168.3	11,932	81
Soybeans	67,700	67,100	52.8	3,543	66
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

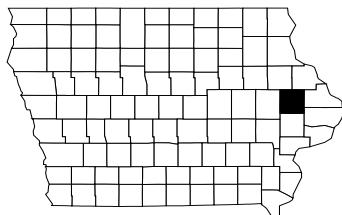
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	26,500	51T
Beef cows	10,700	30
Milk cows	1,800	21

Crops – 2020 Acreage, Yield, and Production

	Area planted (acres)	Area harvested (acres)	Yield per acre (bu/acre)	Production (1,000 bu)	Rank in state
Corn for grain	104,000	100,400	162.2	16,288	72
Soybeans	92,700	91,000	50.9	4,632	45
Oats	2,000	720	82.2	59.2	19

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

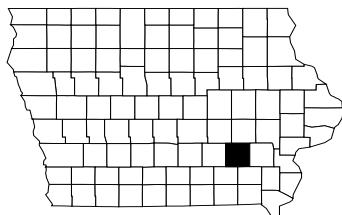
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	61,000	14
Beef cows	15,400	9
Milk cows	1,400	24T

Crops – 2020 Acreage, Yield, and Production

	Area planted (acres)	Area harvested (acres)	Yield per acre (bu/acre)	Production (1,000 bu)	Rank in state
Corn for Grain	155,500	146,600	172.6	25,303	37
Soybeans	68,400	67,900	53.0	3,599	65
Oats	3,500	790	68.0	53.7	21

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)

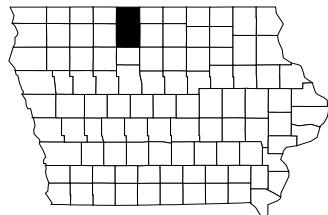
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	27,500	47T
Beef cows	12,500	21
Milk cows	(D)	(NA)

Crops – 2020 Acreage, Yield, and Production

	Area planted (acres)	Area harvested (acres)	Yield per acre (bu/acre)	Production (1,000 bu)	Rank in state
Corn for Grain	123,000	121,900	164.4	20,040	60
Soybeans	102,500	101,600	50.6	5,141	35
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

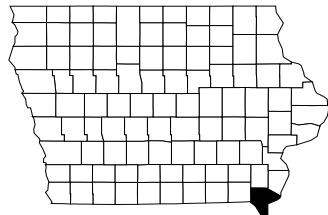
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	23,500	58T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	307,500	304,500	191.5	58,306	1
Soybeans	214,500	213,000	59.1	12,580	1
Oats	(D)	(D)	(D)	(D)	(NA)

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

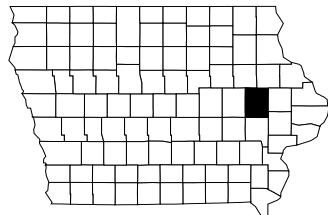
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	18,300	73T
Beef cows	8,100	39
Milk cows	600	30T

Crops – 2020 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	77,500	76,200	175.3	13,358	79
Soybeans	68,200	67,600	51.2	3,461	67
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

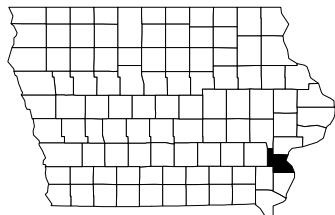
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	28,500	43T
Beef cows	12,100	23
Milk cows	1,200	26

Crops – 2020 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	144,500	165.9	23,973	43
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	1,800	530	78.3	41,500	24

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

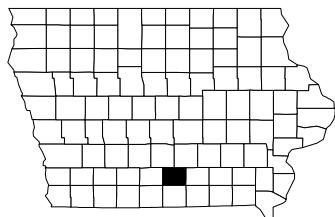
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	5,200	97
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	79,200	78,100	182.6	14,261	75
Soybeans	70,700	70,200	52.3	3,671	64
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

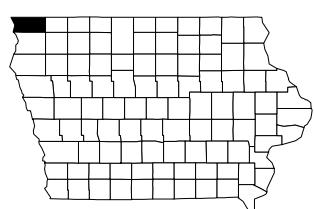
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	30,000	38T
Beef cows	17,000	7
Milk cows	(D)	(NA)

Crops – 2020 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	31,700	30,700	150.1	4,608	92
Soybeans	38,600	38,300	43	1,647	85
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)

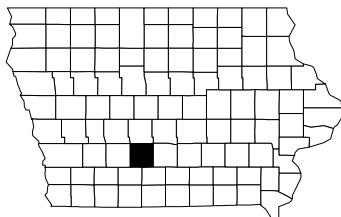
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	180,000	2
Beef cows	13,000	19
Milk cows	10,300	6

Crops – 2020 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	191,000	160,100	198.1	31,716	21
Soybeans	114,000	113,000	59.7	6,746	15
Oats	1,100	680	79.9	54,300	20

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)

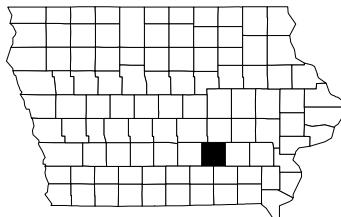
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	26,500	51T
Beef cows	14,900	10T
Milk cows	(D)	(NA)

Crops – 2020 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	69,500	68,600	172.9	11,861	82
Soybeans	66,900	66,300	50.4	3,342	68
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)

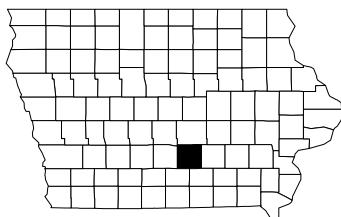
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	29,000	41T
Beef cows	8,800	35
Milk cows	200	38T

Crops – 2020 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	136,000	135,200	181.8	24,579	41
Soybeans	(D)	(D)	(D)	(D)	(NA)
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

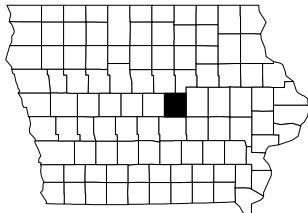
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	25,000	55
Beef cows	10,800	29
Milk cows	400	34T

Crops – 2020 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)

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

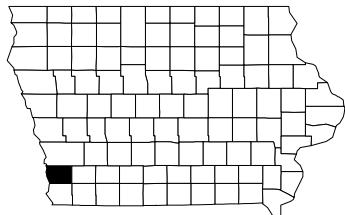
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	29,500	40
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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)

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

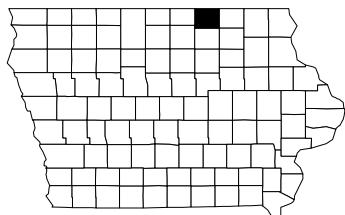
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	3,300	98
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	97,300	96,100	183.2	17,606	67
Soybeans	89,500	88,700	48.3	4,284	54
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

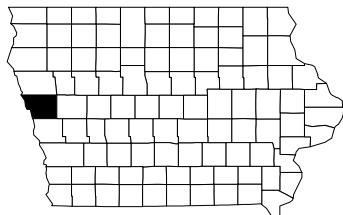
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	51,000	17
Beef cows	4,900	50T
Milk cows	3,800	13

Crops – 2020 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	148,000	204.5	30,266	25
Soybeans	79,600	78,900	58.3	4,600	47
Oats	1,300	840	89.6	75.3	12

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

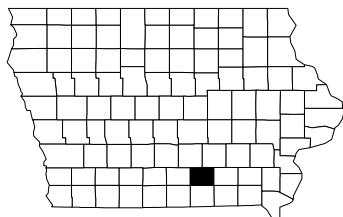
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	24,000	56T
Beef cows	6,800	43
Milk cows	(D)	(NA)

Crops – 2020 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	171,700	179.4	30,803	23
Soybeans	131,000	129,900	54.9	7,132	10
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

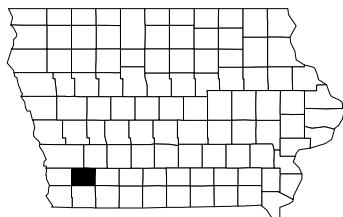
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	30,000	38T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	23,000	22,100	156.0	3,448	95
Soybeans	32,500	32,200	44.5	1,433	86
Oats	600	130	73.8	9.60	35

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)

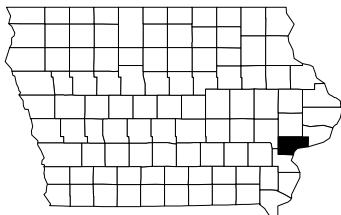
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	21,500	65T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	92,700	91,400	185.6	16,964	71
Soybeans	88,000	87,300	48.3	4,217	55
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

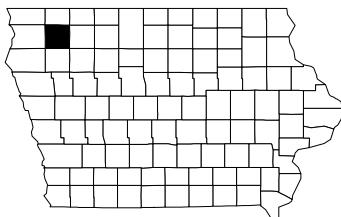
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	13,700	83
Beef cows	5,400	47T
Milk cows	100	47T

Crops – 2020 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	91,900	87,300	173.8	15,173	74
Soybeans	72,000	71,400	54.6	3,898	61
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)

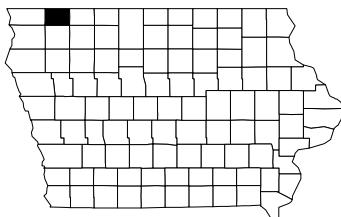
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	62,000	13
Beef cows	6,700	44T
Milk cows	8,600	8

Crops – 2020 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	168,400	200.6	33,781	13
Soybeans	133,500	132,400	60.9	8,063	5
Oats	500	330	80.0	26.4	30

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)

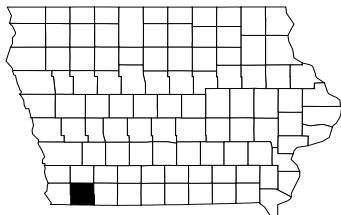
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	43,500	22T
Beef cows	3,800	60T
Milk cows	5,600	10

Crops – 2020 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	125,000	122,700	186.3	22,859	49
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)

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

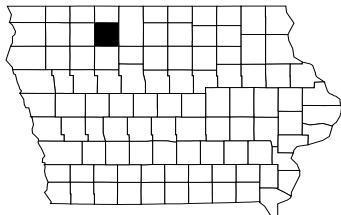
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	28,500	43T
Beef cows	11,400	25
Milk cows	(D)	(NA)

Crops – 2020 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	118,000	116,900	182.6	21,346	57
Soybeans	106,500	105,700	51.5	5,444	31
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)

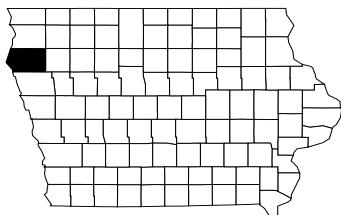
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	22,000	64
Beef cows	2,500	65T
Milk cows	200	38T

Crops – 2020 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	171,700	182.1	31,267	22
Soybeans	(D)	(D)	(D)	(D)	(NA)
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

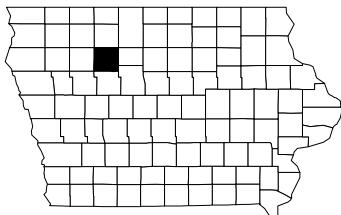
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	105,000	5
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	1,500	910	94.4	85.9	10

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)

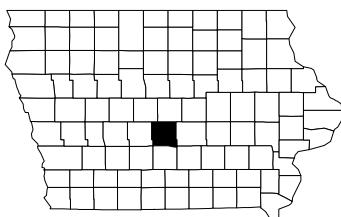
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	14,600	80T
Beef cows	1,700	69
Milk cows	2,100	19T

Crops – 2020 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	181,500	179,000	187.3	33,527	15
Soybeans	141,500	140,300	53.5	7,506	7
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

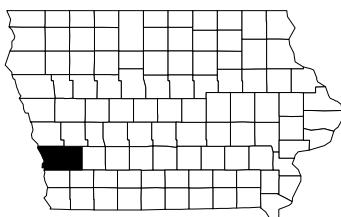
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	7,900	92
Beef cows	2,800	64
Milk cows	(D)	(NA)

Crops – 2020 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	76,400	71,300	151.0	10,766	83
Soybeans	64,600	64,100	49.2	3,154	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

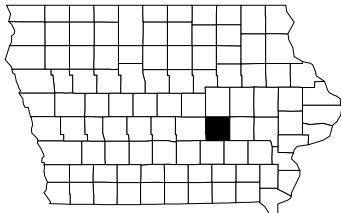
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	68,000	9
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	247,000	244,500	177.3	43,350	2
Soybeans	192,000	190,300	47.1	8,963	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)

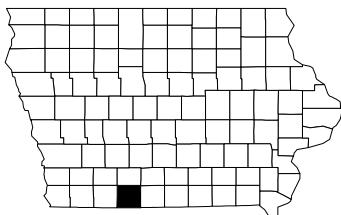
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	30,500	36T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	150,000	141,600	139.0	19,682	62
Soybeans	113,500	112,500	53.8	6,053	21
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

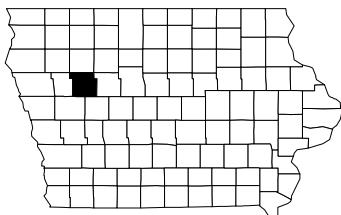
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	48,000	19
Beef cows	25,000	1
Milk cows	(D)	(NA)

Crops – 2020 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	52,400	51,700	160.0	8,272	88
Soybeans	54,900	54,400	49.7	2,704	77
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

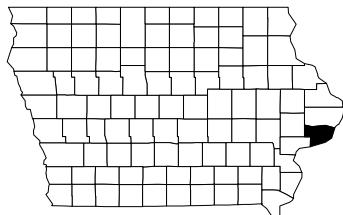
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	38,500	25T
Beef cows	8,600	36T
Milk cows	400	34T

Crops – 2020 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	156,100	161.9	25,273	38
Soybeans	136,500	135,400	46.2	6,255	19
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

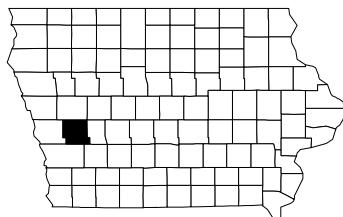
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	18,800	72
Beef cows	4,200	56
Milk cows	500	33

Crops – 2020 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	110,000	107,000	182.3	19,506	63
Soybeans	66,000	65,400	59.9	3,917	60
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

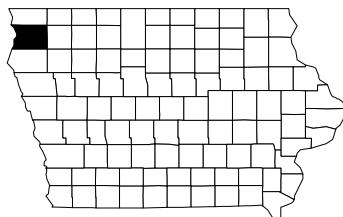
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	36,500	29
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	169,800	191.6	32,534	19
Soybeans	132,000	130,900	51.8	6,781	12
Oats	700	450	98.4	44.3	23

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)

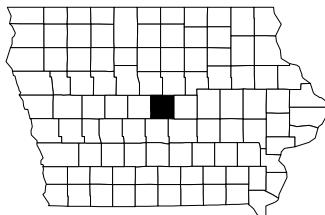
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	385,000	1
Beef cows	14,700	13T
Milk cows	35,500	1

Crops – 2020 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	263,000	208,500	203.0	42,326	3
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	1,100	790	105.9	83.7	11

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

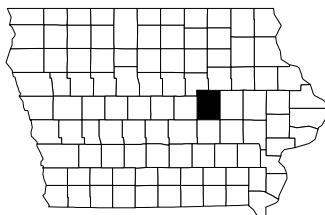
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	15,300	79
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	167,000	152,200	149.2	22,708	52
Soybeans	104,500	103,600	51.3	5,315	32
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

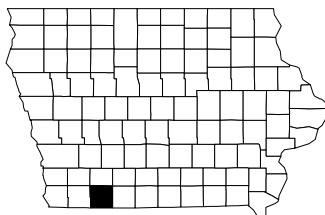
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	38,000	27
Beef cows	14,800	12
Milk cows	600	30T

Crops – 2020 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	175,500	148,200	133.5	19,785	61
Soybeans	138,000	136,900	55.2	7,557	6
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

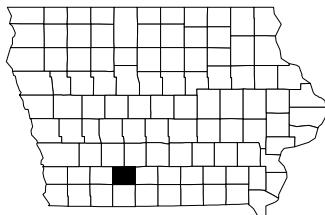
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	31,500	35
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	82,300	81,400	167.2	13,610	76
Soybeans	86,100	85,400	46.2	3,945	58T
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

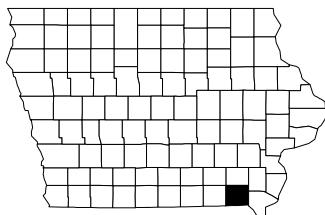
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	37,500	28
Beef cows	18,300	3T
Milk cows	(D)	(NA)

Crops – 2020 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	55,700	54,000	180.7	9,758	85
Soybeans	54,200	53,800	51.2	2,755	76
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

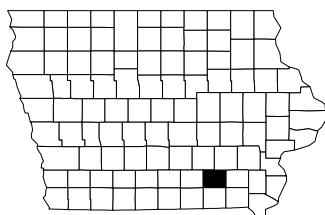
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	20,000	69
Beef cows	11,100	28
Milk cows	700	29

Crops – 2020 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	53,800	52,500	154.4	8,106	89
Soybeans	49,700	49,300	43.3	2,135	80
Oats	900	330	62.7	20.7	32

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

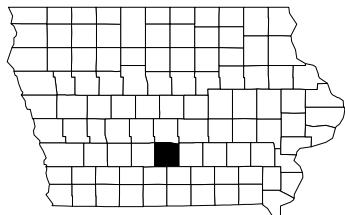
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	14,300	82
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	56,200	55,000	171.6	9,438	86
Soybeans	56,700	56,200	51.0	2,866	75
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

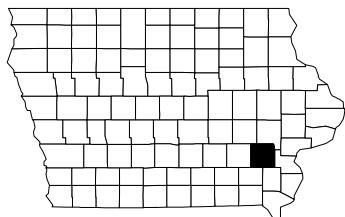
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	18,300	73T
Beef cows	11,200	27
Milk cows	(D)	(NA)

Crops – 2020 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	61,400	60,300	169.0	10,191	84
Soybeans	68,600	68,100	48.5	3,303	69
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

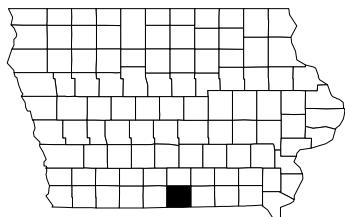
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	18,900	71
Beef cows	9,400	33
Milk cows	900	27T

Crops – 2020 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	120,000	118,600	186.5	22,119	55
Soybeans	92,900	92,100	52.2	4,808	40
Oats	1,300	920	80.8	74.3	13

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

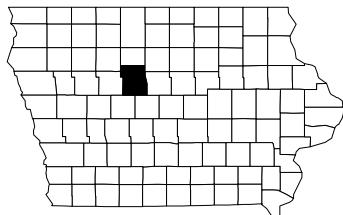
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	28,500	43T
Beef cows	13,800	17
Milk cows	300	37

Crops – 2020 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	55,200	53,600	169.7	9,096	87
Soybeans	69,100	68,500	43.8	3,000	74
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)

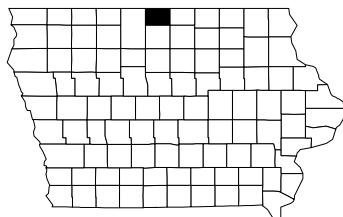
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	10,400	87T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	214,000	210,500	174.0	36,627	9
Soybeans	143,000	141,800	49.5	7,019	11
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)

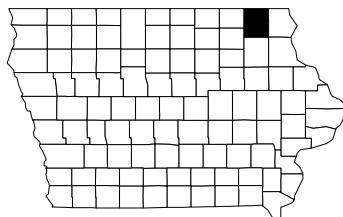
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	7,200	93T
Beef cows	1,400	70T
Milk cows	(D)	(NA)

Crops – 2020 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	122,500	120,200	208.3	25,038	40
Soybeans	80,500	79,800	59.7	4,764	41
Oats	300	120	72.5	8.70	36

WINNESHEI K 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

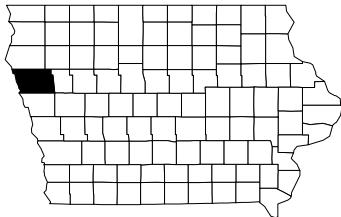
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	87,000	7
Beef cows	11,900	24
Milk cows	16,500	3

Crops – 2020 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	143,500	179.2	25,715	36
Soybeans	62,900	62,400	52.6	3,282	71
Oats	8,400	2,800	62.5	175	4

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

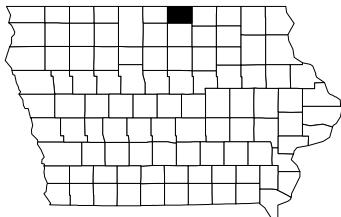
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	71,000	8
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

Crops – 2020 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	208,500	197,800	192.1	37,997	5
Soybeans	161,500	160,100	55.7	8,918	3
Oats	(D)	(D)	(D)	(D)	(NA)

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

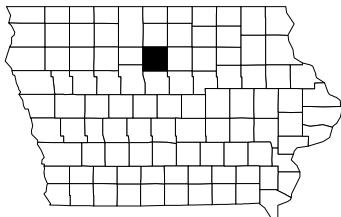
Cattle – January 1, 2021

	Number of head	Rank in state
All cattle and calves	7,200	93T
Beef cows	2,400	67
Milk cows	200	38T

Crops – 2020 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	116,000	113,700	206.9	23,525	44
Soybeans	82,600	82,000	57.2	4,690	43
Oats	700	470	84.3	39,600	25T

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, 2021

	Number of head	Rank in state
All cattle and calves	6,100	96
Beef cows	2,200	68
Milk cows	(D)	(NA)

Crops – 2020 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	187,000	185,100	187.1	34,632	44
Soybeans	124,000	122,900	54.9	6,747	14
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 nassfoumr@usda.gov

IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP (IDALS)

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IOWA FARM BUREAU

Home Page www.iowafarmbureau.com

IOWA STATE UNIVERSITY

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

UNITED STATES DEPARTMENT OF AGRICULTURE (USDA)

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USDA - ECONOMIC RESEARCH SERVICE (ERS)

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USDA - NATIONAL AGRICULTURAL STATISTICS SERVICE (NASS)

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USDA - NATIONAL AGRICULTURAL LIBRARY (NAL)

Home Page www.nal.usda.gov

USDA - WORLD AGRICULTURAL OUTLOOK BOARD (WAOB)

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