

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		

# 2023 IOWA AGRICULTURAL STATISTICS



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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 2023 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, with the valuable data used for 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 and opportunities and market fluctuations that impact Iowa's ag sector and statewide 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 and focus on sustainability. Today, with advancements in precision agriculture and sophisticated data collection, it is more important than ever that reliable data be publicly available for everyone.



Brent Johnson  
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 most recent 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 Egg Layer 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
- Field & Miscellaneous Crops Value

Iowa ranked second in:

- Soybean Production
- Soybean Export Value
- Cash Receipts from Marketings
- Farm Production Expenditures
- Principal Crops Total Value
- Total Value of Agricultural Exports
- Capacity of Off-Farm Storage Facilities
- Net Farm Income

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
Grain & Hay 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
Objective Yield Data .....	21
Prices .....	22
Biotech Varieties .....	23
Silage County Estimates .....	24
Soybeans	
Production Map and Graphs .....	26
County Estimates .....	27
Seasonal Progress Charts .....	29
Stocks .....	30
Objective Yield Data .....	31
Prices .....	32
Biotech Varieties .....	33
Oats	
Production Map and Graphs .....	34
County Estimates .....	35
Prices .....	36
Hay	
Prices .....	37
Fertilizer Tonnage Distribution .....	38

## Livestock

State Rankings: Livestock .....	39
Record Highs & Lows: Livestock Inventory .....	40
Cattle	
Inventory by County, January 1 .....	41
Inventory and Value .....	43
Annual Production, Disposition, Income, & Prices .....	44
Estimated Returns .....	45
Commercial Cattle Slaughter .....	46
Feedlots and Marketings .....	47
Cattle on Feed Inventory < 1,000 Head .....	47
Cattle on Feed Inventory 1,000+ Head .....	48
Cattle on Feed Inventory Graphs .....	49
Milk Cows Inventory and Production .....	50
Milk Production, Disposition, Cash Receipts and Income .....	51
Dairy Products Manufactured by Month .....	52
Hogs & Pigs	
Inventory .....	53
Market & Breeding Inventory .....	54
Sows Farrowed, Pigs per Litter, & Pig Crop .....	55
Annual Production, Disposition, Income, & Prices .....	56
Estimated Returns .....	57
Commercial Hog Slaughter .....	58
Poultry	
Chickens Inventory & Rate of Lay .....	59
All Layers, Inventory and Eggs per 100 .....	60
Production, Income, & Eggs Produced .....	61
Sheep	
Inventory and Value .....	62
Wool Production & Income; Lamb Crop, Farm Slaughter, & Death Loss .....	63
Commercial Sheep & Lamb Slaughter .....	64
Goats .....	65
Bees and Honey .....	65

# Economics

Farm Production Expenditures .....	66
Cash Rent Maps.....	67
Cash Rent .....	68
Land Values .....	69
Land Value Graphs .....	70
Farm Custom Rates .....	71
Labor & Wage Rates .....	73

Greene - Grundy - Guthrie .....	87
Hamilton - Hancock - Hardin .....	88
Harrison - Henry - Howard .....	89
Humboldt - Ida - Iowa .....	90
Jackson - Jasper - Jefferson .....	91
Johnson - Jones - Keokuk.....	92
Kossuth - Lee - Linn .....	93
Louisa - Lucas - Lyon.....	94
Madison - Mahaska - Marion.....	95
Marshall - Mills - Mitchell.....	96
Monona - Monroe - Montgomery.....	97
Muscatine - O'Brien - Osceola .....	98
Page - Palo Alto - Plymouth .....	99
Pocahontas - Polk - Pottawattamie .....	100
Poweshiek - Ringgold - Sac .....	101
Scott - Shelby - Sioux.....	102
Story - Tama - Taylor .....	103
Union - Van Buren - Wapello .....	104
Warren - Washington - Wayne.....	105
Webster - Winnebago - Winneshiek.....	106
Woodbury - Worth - Wright .....	107

# County Information

County Highlights .....	74
Adair - Adams - Allamakee.....	75
Appanoose - Audubon - Benton .....	76
Black Hawk - Boone - Bremer .....	77
Buchanan - Buena Vista - Butler .....	78
Calhoun - Carroll - Cass.....	79
Cedar - Cerro Gordo - Cherokee.....	80
Chickasaw - Clarke - Clay .....	81
Clayton - Clinton - Crawford .....	82
Dallas - Davis - Decatur.....	83
Delaware - Des Moines - Dickinson .....	84
Dubuque - Emmet - Fayette .....	85
Floyd - Franklin - Fremont .....	86



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.

## 2022 Iowa Agricultural Overview

### Crops and Weather Summary

The 2022 crop season started out cold and wet and remained that way throughout the month of April which limited fieldwork, on average, to 2.3 days per week for the month. Due, in part, to high winds and abnormally low temperatures in the middle of the month, pasture growth was slow with just 32 percent of pastures rated good to excellent by April 24. Corn planting was almost a week behind the 5-year average with only 2 percent of the crop planted by April 24 mostly due to hesitancy caused by cold soil temperatures. Soybean planting was three days behind the 5-year average with 1 percent of the crop planted. Forty-seven percent of the oat crop was seeded, 10 days behind the previous year and four days behind the average.

As the calendar turned to May, 9 percent of Iowa's corn crop and 4 percent of soybeans had been planted. Despite cold and rainy conditions during the beginning of May, significantly warmer and drier conditions during the latter part of May meant there were, on average, 4.1 days suitable for fieldwork for the month. By May 15, 89 percent of oats were planted with 82 percent emerged by the end of the following week. By the end of May, 94 percent of the expected corn acres were planted with emergence at 73 percent. Soybeans planted was at 85 percent, almost one week ahead of average. Soybeans emerged jumped over 25 points to 45 percent during the last week of May. The first cutting of alfalfa hay began in mid-May, with 15 percent completed by the close of the month.

June saw spotty precipitation and dry conditions with an average of 4.9 days suitable for fieldwork per week. Nearly all of Iowa's corn crop had emerged by June 12. Soybean planting was nearly complete by mid-June, with 84 percent of the crop emerged, two days ahead of average. As of June 26, oats headed was at 80 percent with oat condition rated 81 percent good to excellent. Despite mild stress to livestock from both dry weather and an increase in the fly population, along with some stress to crops due to high heat, 42 percent of the first cutting of alfalfa hay had been completed by June 5, reaching 81 percent complete two weeks later. The first cutting neared completion by June 26.

Limited precipitation in July led to an average of 5.6 days suitable for fieldwork per week. By July 24, 66 percent of corn was in or beyond silking, three days behind the 5-year average, with 8 percent of the crop in the dough stage, two days behind normal. Soybean development was two days behind average, with 72 percent of the crop blooming and almost one-third setting pods. Eighty-two percent of oats were turning color or beyond with 38 percent harvested for grain. The second cutting of alfalfa hay reached 77 percent and the third cutting was underway.

Days suitable for fieldwork during August averaged 5.7 per week. By August 21, oats for grain harvest was nearing completion. By August 28, corn in or beyond dough stage was at 92 percent, two days ahead of the average, and 52 percent of the crop was in or beyond the dent stage. Despite persistent dry conditions throughout most of August, soybeans setting pods reached 88 percent by August 21. By the following week, soybeans coloring was 7 percent, three days behind the 5-year average. The second cutting of alfalfa was nearly complete by August 7 and the third cutting reached 65 percent complete by August 28, five days behind the 5-year average.

Weather conditions were warm and dry for most of September. By September 25, corn development was ahead of average with 97 percent of the crop in the dent stage or beyond and 63 percent considered mature. Corn for grain harvest was one day behind the 5-year average at 5 percent complete. Soybeans coloring reached 48 percent by September 11, two days behind the five-year average. Sixty-one percent of the soybean crop was dropping leaves or beyond by September 25, one day behind the average. The third cutting of alfalfa was 94 percent complete on September 18.

Due to limited precipitation, October saw an average of 6.4 days suitable for fieldwork per week. By October 23, 59 percent of the corn crop had been harvested for grain, eight days ahead of the average. Soybean harvest was 11 days ahead of normal, with 88 percent of the crop harvested.

By November 6, only 3 percent of Iowa's soybean crop remained to be harvested. By November 20, only 3 percent of Iowa's corn for grain remained to be harvested, 11 days ahead of the five-year average. The season concluded with only scattered fields remaining to be harvested.

## Livestock Summary

Iowa's cattle and hog producers received \$16.2 billion in cash receipts during 2022, up \$2.67 billion from 2021. Hog sales accounted for a total of \$10.9 billion, while cattle and calves sales totaled \$5.30 billion.

Iowa producers had 3.65 million cattle and calves on farms January 1, 2023, down 210,000 head from January 1, 2022. Cows that calved accounted for 1.10 million head, down 30,000 head from the previous year. Beef cows, at 860,000 head, were down 45,000 head from a year ago, and milk cows, at 240,000 head, were up 15,000 head.

Iowa had 790,000 heifers weighing 500 pounds and over, down 9 percent from the previous year. Of these heifers, 130,000 head were beef cow replacements, 120,000 head were milk cow replacements, and all other heifers numbered 540,000 head.

Steers weighing 500 pounds or more were down 4 percent from January 2022 at 1.24 million head. Bulls 500 pounds and over were unchanged from January 2022 at 60,000 head. Calves weighing under 500 pounds totaled 460,000 head, down 10 percent from January 2022.

Iowa ranked first in hog inventory in the United States, with 32 percent of the nation's 2022 inventory. Hogs and pigs on hand on December 1, 2022, totaled 24.1 million head, up 200,000 from the previous year.

Pork producers in Iowa farrowed 2.02 million sows from December 2021 through November 2022. An average of 11.48 pigs were saved per litter. The pig crop was 23.2 million, up 1 percent from 2021.

Sheep and lamb inventory on January 1, 2023, was 162,000 head, up 2,000 head from the previous year. An estimated 120,000 lambs were born during 2022.

Iowa milk production totaled 5.77 billion pounds in 2022, up 232 million pounds from 2021. Milk cows on hand were up 8,000 head from 2021, averaging 234,000 head during 2022. The annual average milk produced per cow was 24,658 pounds, up 1 percent from 2021.

Iowa slaughter plants produced 8.56 billion pounds of red meat (beef, veal, pork, and mutton) during 2022, down 234 million pounds from 2021.

## Prices Summary

Milk prices averaged \$24.50 per hundredweight in 2022, up 30 percent from \$18.80 in 2021. Monthly prices averaged from a high of \$27.10 in April and May to a low of \$22.00 in August.

The 2021-2022 marketing year average price for corn was \$6.10, \$1.46 above the previous year. The market year began with \$5.63 per bushel in September and concluded with \$7.40 per bushel in August. The average monthly prices for the 2022 calendar year ranged from a high of \$7.48 in June to a low of \$5.70 in January.

The 2021-2022 marketing year average price for soybeans was \$13.40 per bushel, \$2.30 above the previous year. The marketing year started with \$12.30 per bushel in September and ended with \$15.30 per bushel in August. The average monthly prices for the 2022 calendar year ranged from a high of \$16.20 in June to a low of \$12.90 in January.

The 2021-2022 marketing year average price for oats was \$4.25 per bushel, \$1.06 above 2020-2021. The marketing year opened with \$3.69 per bushel in July and finished with \$6.31 per bushel in June.

The 2021-2022 marketing year average price for all hay was \$161.00 per ton, \$43.00 above the previous year. The all hay marketing year started with \$158.00 per ton in June and ended with \$173.00 per ton in May. The average monthly prices for the 2022 calendar year ranged from a high of \$175.00 in December to a low of \$147.00 in August.



## Precipitation, Monthly and Annual Averages and Departures from Normal – Iowa by District: 2022

District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Average Precipitation (Inches)</b>													
Northwest	0.52	0.24	1.44	2.09	3.39	2.46	3.26	3.02	0.90	0.38	1.17	2.11	20.98
N Central	0.89	0.25	1.72	4.08	3.20	4.02	3.05	5.53	1.22	0.59	1.13	1.54	27.22
Northeast	0.71	0.24	3.44	3.51	3.73	4.06	5.56	5.62	1.05	1.32	2.64	1.84	33.72
W Central	0.54	0.16	1.98	2.48	4.41	2.88	3.12	2.58	1.74	0.53	0.72	1.70	22.84
Central	0.87	0.21	3.06	3.68	3.67	4.21	3.20	3.27	1.85	0.96	2.15	1.75	28.88
E Central	0.59	0.40	2.98	3.97	2.82	4.77	3.66	4.02	2.02	1.18	2.99	1.73	31.13
Southwest	0.73	0.20	3.05	2.89	4.70	2.81	2.56	2.99	2.03	0.72	1.34	1.12	25.14
S Central	1.30	0.28	3.15	3.14	3.70	3.52	2.07	2.35	3.14	1.39	3.57	1.89	29.50
Southeast	0.98	0.63	3.42	3.23	2.80	2.94	2.06	1.68	3.85	1.41	3.16	1.29	27.45
State	0.78	0.28	2.65	3.22	3.60	3.53	3.23	3.49	1.90	0.92	2.04	1.69	27.33

### Departure from Normal Precipitation <sup>1</sup> (Inches)

Northwest	-0.19	-0.61	-0.22	-1.16	-0.88	-2.38	-0.32	-0.68	-2.25	-1.97	-0.23	1.12	-9.76
N Central	0.00	-0.79	-0.21	0.31	-1.68	-1.40	-1.30	1.38	-2.15	-1.91	-0.52	0.27	-7.99
Northeast	-0.43	-0.99	1.42	-0.40	-0.99	-1.85	0.88	1.43	-2.74	-1.52	0.60	0.30	-4.28
W Central	-0.23	-0.81	0.17	-0.96	-0.31	-2.08	-0.73	-1.67	-1.51	-1.93	-0.76	0.54	-10.30
Central	-0.05	-0.91	1.06	-0.11	-1.29	-1.21	-1.02	-1.01	-1.61	-1.71	0.30	0.39	-7.16
E Central	-0.62	-1.05	0.77	0.19	-1.80	-0.59	-0.66	-0.12	-1.63	-1.75	0.81	0.03	-6.43
Southwest	-0.10	-0.91	1.07	-0.62	-0.58	-2.39	-1.63	-1.18	-1.41	-2.08	-0.35	-0.18	-10.35
S Central	0.32	-1.06	1.05	-0.75	-1.52	-1.60	-2.23	-1.85	-0.55	-1.44	1.57	0.46	-7.61
Southeast	-0.34	-0.99	1.09	-0.48	-2.32	-2.19	-2.06	-2.38	0.23	-1.52	0.93	-0.38	-10.40
State	-0.19	-0.89	0.66	-0.45	-1.24	-1.73	-0.94	-0.64	-1.58	-1.77	0.22	0.32	-8.22

<sup>1</sup> Normals based upon 1991-2020 period.

### Normal Precipitation <sup>1</sup> (Inches)

Northwest	0.71	0.85	1.66	3.25	4.27	4.84	3.58	3.70	3.15	2.35	1.40	0.99	30.74
N Central	0.89	1.04	1.93	3.77	4.88	5.42	4.35	4.15	3.37	2.50	1.65	1.27	35.21
Northeast	1.14	1.23	2.02	3.91	4.72	5.91	4.68	4.19	3.79	2.84	2.04	1.54	38.00
W Central	0.77	0.97	1.81	3.44	4.72	4.96	3.85	4.25	3.25	2.46	1.48	1.16	33.14
Central	0.92	1.12	2.00	3.79	4.96	5.42	4.22	4.28	3.46	2.67	1.85	1.36	36.04
E Central	1.21	1.45	2.21	3.78	4.62	5.36	4.32	4.14	3.65	2.93	2.18	1.70	37.56
Southwest	0.83	1.11	1.98	3.51	5.28	5.20	4.19	4.17	3.44	2.80	1.69	1.30	35.49
S Central	0.98	1.34	2.10	3.89	5.22	5.12	4.30	4.20	3.69	2.83	2.00	1.43	37.11
Southeast	1.32	1.62	2.33	3.71	5.12	5.13	4.12	4.06	3.62	2.93	2.23	1.67	37.85
State	0.97	1.17	1.99	3.67	4.84	5.26	4.17	4.13	3.48	2.69	1.82	1.37	35.55

<sup>1</sup> Normals based upon 1991-2020 period.

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

## Temperatures, Monthly and Annual Averages and Departures from Normal – Iowa by District: 2022

District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Average Temperatures (F)</b>													
Northwest	14.5	18.4	34.5	41.9	59.5	71.3	74.0	71.0	64.5	49.6	34.2	16.6	45.8
N Central	10.6	16.2	34.3	40.7	59.6	70.1	72.7	69.7	63.0	48.7	34.9	17.9	44.9
Northeast	10.4	17.5	34.6	41.0	60.0	68.8	71.9	69.5	63.1	48.5	36.3	19.8	45.1
W Central	17.4	23.1	37.9	44.9	61.2	72.6	74.8	72.6	65.7	51.1	36.4	20.2	48.2
Central	14.1	20.6	37.3	43.7	61.5	71.9	74.6	72.2	65.2	50.6	37.3	21.5	47.5
E Central	14.1	21.9	37.8	44.7	62.9	71.5	74.1	71.9	65.3	50.4	39.0	24.1	48.1
Southwest	19.6	26.2	39.5	46.9	62.3	73.1	75.5	74.2	66.6	52.1	38.2	23.2	49.8
S Central	17.6	25.2	39.3	46.1	62.5	72.9	75.8	74.6	67.0	52.1	39.1	24.3	49.7
Southeast	16.4	24.6	40.0	46.2	63.6	72.9	75.1	73.7	66.8	51.6	40.0	25.9	49.7
State	14.8	21.2	37.1	43.8	61.4	71.6	74.2	72.0	65.1	50.4	37.1	21.2	47.5

### Departure from Normal Temperature <sup>1</sup> (F)

Northwest	-2.3	-3.0	0.5	-4.8	0.7	2.0	1.3	1.0	2.0	0.3	-0.1	-5.3	-0.6
N Central	-5.5	-4.6	1.0	-6.0	1.1	1.3	0.8	0.4	0.8	-0.4	0.3	-4.2	-1.3
Northeast	-6.7	-4.0	0.6	-5.6	1.6	0.6	0.2	0.1	1.0	-0.9	1.0	-3.4	-1.3
W Central	-2.2	-1.2	1.1	-3.9	1.2	2.4	1.2	1.5	1.9	0.0	-0.2	-4.5	-0.2
Central	-5.3	-3.5	0.9	-5.2	1.4	1.8	1.2	1.2	1.4	-0.5	0.2	-3.6	-0.8
E Central	-6.2	-2.9	0.7	-4.5	2.3	1.3	0.6	0.6	1.2	-1.2	1.1	-2.0	-0.7
Southwest	-3.0	-1.1	0.1	-3.7	1.0	1.9	0.6	1.5	1.5	-0.6	-0.6	-4.2	-0.5
S Central	-5.0	-2.1	0.2	-4.6	1.4	2.0	1.0	1.9	2.0	-0.5	-0.2	-3.6	-0.6
Southeast	-6.5	-2.9	0.8	-4.8	1.9	1.7	0.2	0.9	1.4	-1.5	0.3	-2.5	-0.9
State	-4.7	-2.9	0.7	-4.9	1.5	1.7	0.8	1.0	1.4	-0.6	0.2	-3.8	-0.8

<sup>1</sup> Normals based upon 1991-2020 period.

### Normal Temperature <sup>1</sup> (F)

Northwest	16.8	21.4	34.0	46.7	58.8	69.3	72.7	70.0	62.5	49.3	34.3	21.9	46.5
N Central	16.1	20.8	33.3	46.7	58.5	68.8	71.9	69.3	62.2	49.1	34.6	22.1	46.1
Northeast	17.1	21.5	34.0	46.6	58.4	68.2	71.7	69.4	62.1	49.4	35.3	23.2	46.4
W Central	19.6	24.3	36.8	48.8	60.0	70.2	73.6	71.1	63.8	51.1	36.6	24.7	48.4
Central	19.4	24.1	36.4	48.9	60.1	70.1	73.4	71.0	63.8	51.1	37.1	25.1	48.4
E Central	20.3	24.8	37.1	49.2	60.6	70.2	73.5	71.3	64.1	51.6	37.9	26.1	48.9
Southwest	22.6	27.3	39.4	50.6	61.3	71.2	74.9	72.7	65.1	52.7	38.8	27.4	50.3
S Central	22.6	27.3	39.1	50.7	61.1	70.9	74.8	72.7	65.0	52.6	39.3	27.9	50.3
Southeast	22.9	27.5	39.2	51.0	61.7	71.2	74.9	72.8	65.4	53.1	39.7	28.4	50.7
State	19.5	24.1	36.4	48.7	59.9	69.9	73.4	71.0	63.7	51.0	36.9	25.0	48.3

<sup>1</sup> Normals based upon 1991-2020 period.

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

**Farms, Number, Average Size, and Land in Farms – Iowa: 2018-2022**

Year	Number of farms		Average size		Land in farms
			(acres)		(1,000 acres)
2018 .....		86,000		356	30,600
2019 .....		85,300		359	30,600
2020 .....		85,000		360	30,600
2021 .....		84,900		359	30,500
2022 .....		84,900		359	30,500

**Farms, Number by Economic Sales Class – Iowa: 2018-2022**

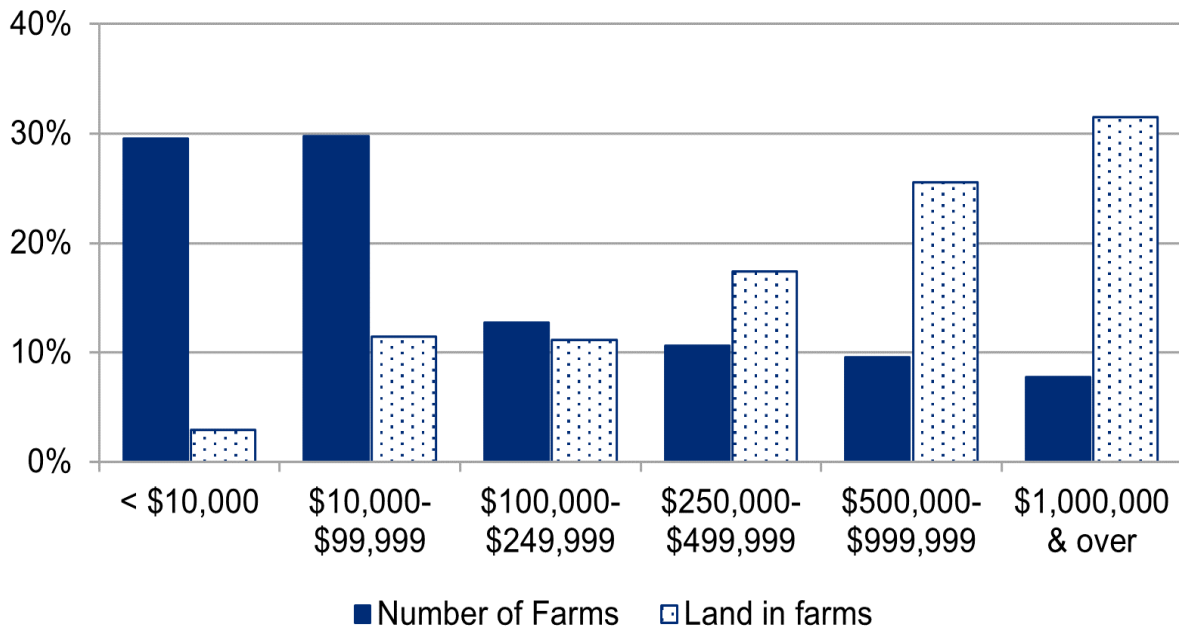
Year	\$1,000-\$9,999	\$10,000-\$99,999	\$100,000-\$249,999	\$250,000-\$499,999	\$500,000-\$999,999	\$1,000,000 & over	Total
2018 .....	25,400	26,200	11,100	8,900	8,000	6,400	86,000
2019 .....	25,000	25,800	11,000	9,200	7,900	6,400	85,300
2020 .....	25,000	25,600	11,000	9,100	7,900	6,400	85,000
2021 .....	25,000	25,400	10,900	9,100	8,000	6,500	84,900
2022 .....	25,100	25,300	10,800	9,000	8,100	6,600	84,900

**Land in Farms, Acreage by Economic Sales Class – Iowa: 2018-2022**

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)						
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
2021 .....	900	3,500	3,500	5,400	7,900	9,300	30,500
2022 .....	900	3,500	3,400	5,300	7,800	9,600	30,500

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: 2022**



**Crop Summary, Acres Planted, Harvested, Yield and Production – Iowa and United States: 2018-2022**

Crop year	Iowa				United States			
	Acreage		Yield	Production	Acreage		Yield	Production
	Planted	Harvested			Planted	Harvested		
	(1,000 acres)	(1,000 acres)		(1,000)	(1,000 acres)	(1,000 acres)		(1,000)
<b>Corn</b>								
2018 .....	13,200	13,020	–	–	88,871	87,396	–	–
2019 .....	13,500	13,410	–	–	89,745	87,952	–	–
2020 .....	13,600	13,160	–	–	90,652	89,024	–	–
2021 .....	12,900	12,790	–	–	93,252	91,763	–	–
2022 .....	12,900	12,800	–	–	88,579	86,067	–	–
<b>Corn for grain (bushels)</b>								
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	177.0	2,283,300	–	82,313	171.4	14,111,449
2021 .....	–	12,450	204.0	2,539,800	–	85,318	176.7	15,073,820
2022 .....	–	12,400	200.0	2,480,000	–	79,207	173.3	13,729,719
<b>Corn for silage (tons)</b>								
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	–	6,711	20.5	137,675
2021 .....	–	340	21.0	7,140	–	6,445	20.1	129,429
2022 .....	–	400	21.0	8,400	–	6,860	18.7	128,567
<b>Soybeans (bushels)</b>								
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 .....	9,450	9,370	54.0	505,980	83,354	82,603	51.0	4,216,302
2021 .....	10,100	10,030	63.0	631,890	87,195	86,312	51.7	4,465,382
2022 .....	10,100	10,030	58.5	586,755	87,450	86,336	49.5	4,276,123
<b>Oats (bushels)</b>								
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	3,009	1,009	65.1	65,694
2021 .....	130	52	77.0	4,004	2,550	650	61.3	39,836
2022 .....	130	40	80.0	3,200	2,581	890	64.8	57,655
<b>Hay, all (tons)</b>								
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
2021 .....	–	1,260	3.28	4,130	–	50,736	2.37	120,196
2022 .....	–	1,200	3.03	3,641	–	49,546	2.28	112,801
<b>Hay, alfalfa (tons)</b>								
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
2021 .....	–	910	3.50	3,185	–	15,246	3.23	49,245
2022 .....	–	730	3.70	2,701	–	14,913	3.22	47,958
<b>Hay, other (tons)</b>								
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
2021 .....	–	350	2.70	945	–	35,490	2.00	70,951
2022 .....	–	470	2.00	940	–	34,633	1.87	64,843

## State Rankings, Harvested Crops, Crop Production, and Storage Capacity – Iowa and 10 Leading States: 2022

	1	2	3	4	5	6	7	8	9	10	Iowa rank	% of U.S.
<b>Harvested Acres</b>												
Corn for grain	<b>IA</b>	IL	NE	MN	IN	SD	KS	OH	MO	WI	1	16
Corn for silage	WI	SD	MN	NY	NE	KS	<b>IA</b>	CA	MI	PA	7	6
Soybeans	IL	<b>IA</b>	MN	MO	IN	NE	ND	OH	SD	KS	2	12
Oats	ND	MN	SD	WI	PA	NY	<b>IA</b>	TX	MI	KS	7	4
Hay, alfalfa	SD	MT	ND	ID	WI	NE	<b>IA</b>	KS	MN	CO	7	5
Hay, other	TX	MO	OK	KS	KY	TN	NE	SD	AR	ND	24	1
Hay, all	TX	MO	OK	SD	KS	MT	ND	NE	KY	TN	15	2
Total acres of principal crops harvested <sup>1</sup>	<b>IA</b>	IL	KS	ND	MN	NE	SD	MO	IN	TX	1	8
<b>Production</b>												
Corn for grain	<b>IA</b>	IL	MN	NE	IN	SD	OH	WI	KS	MO	1	18
Corn for silage	WI	MN	CA	<b>IA</b>	NY	Tied MI & SD		ID	PA	NE	4	7
Soybeans	IL	<b>IA</b>	MN	IN	OH	NE	MO	ND	SD	AR	2	14
Oats	ND	MN	SD	WI	PA	<b>IA</b>	NY	ME	TX	MI	6	6
Hay, alfalfa	ID	CA	MT	SD	<b>IA</b>	WI	NE	ND	AZ	KS	5	6
Hay, other	TX	MO	KY	TN	OK	KS	PA	AR	VA	NE	25	1
Hay, all	TX	MO	KS	ID	KY	SD	CA	NE	MT	OK	13	3
<b>Storage Capacity</b>												
Capacity of off-farm storage facilities <sup>2</sup>	IL	<b>IA</b>	KS	NE	MN	TX	IN	OH	ND	SD	2	13
Capacity of on-farm storage facilities <sup>2</sup>	<b>IA</b>	MN	IL	NE	ND	IN	SD	Tied MO & OH		KS	1	15

<sup>1</sup> 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.

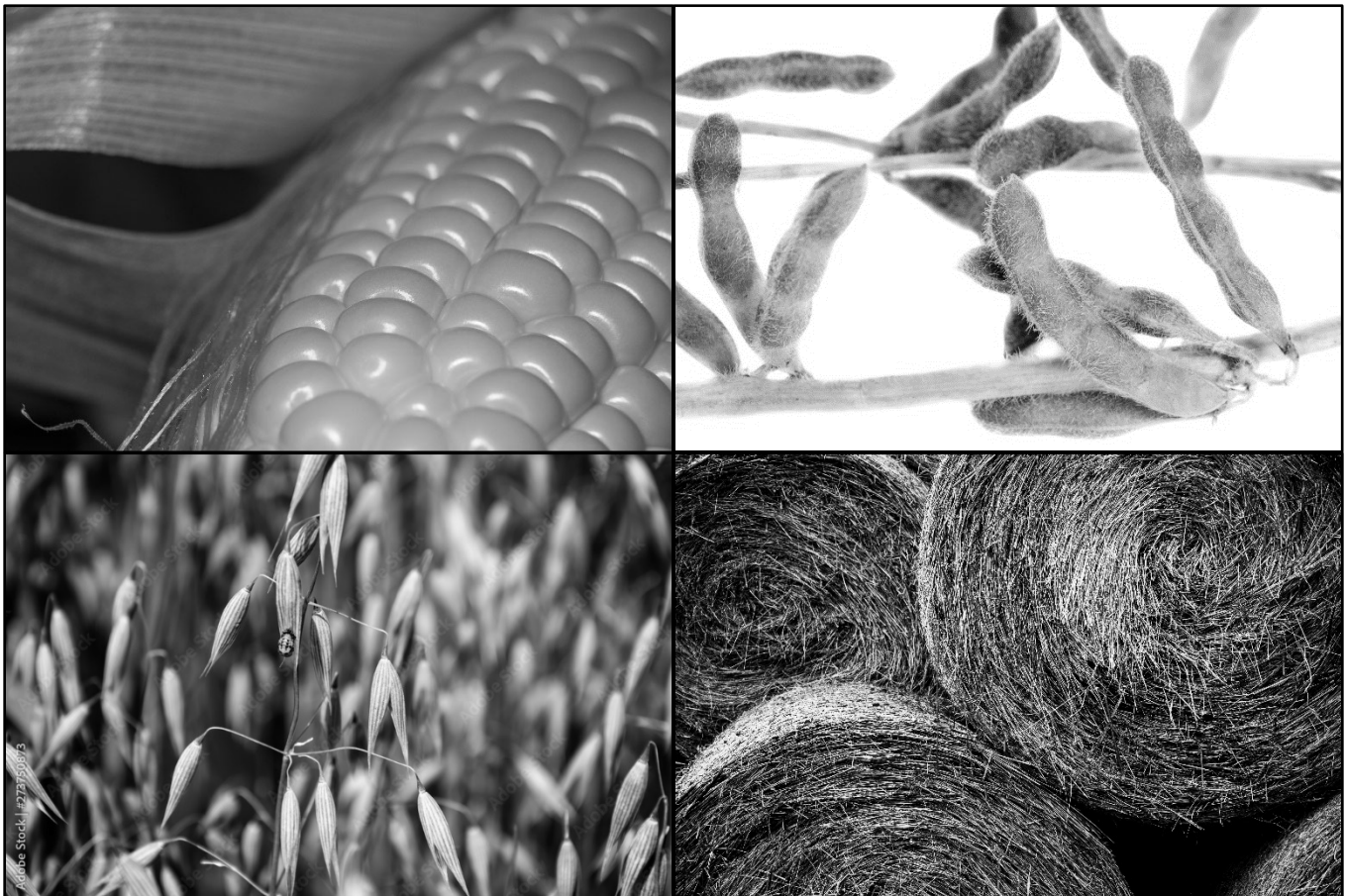
<sup>2</sup> December 1, 2022.

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

Item	Units	Record high		Record low		Year estimates started
		Quantity	Year <sup>1</sup>	Quantity	Year <sup>1</sup>	
<b>Corn for grain</b>						1919 <sup>2</sup>
Acres harvested	1,000 acres	13,900	2007	5,701	1934	
Yield	bushels	204.0	2021	20.0	1936	
Production	million bushels	2,740.5	2016	148.9	1936	
<b>Corn for silage</b>						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	
<b>Hay, all</b>						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	
<b>Hay, alfalfa</b>						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	
<b>Oats</b>						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	
<b>Soybeans for beans</b>						1924
Acres harvested	1,000 acres	10,920	2001	7	1925	
Yield	bushels	63.0	2021	11.5	1934	
Production	million bushels	631.9	2021	0.1	1925	

<sup>1</sup> In case of a tie, the most recent year is reported.

<sup>2</sup> 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.



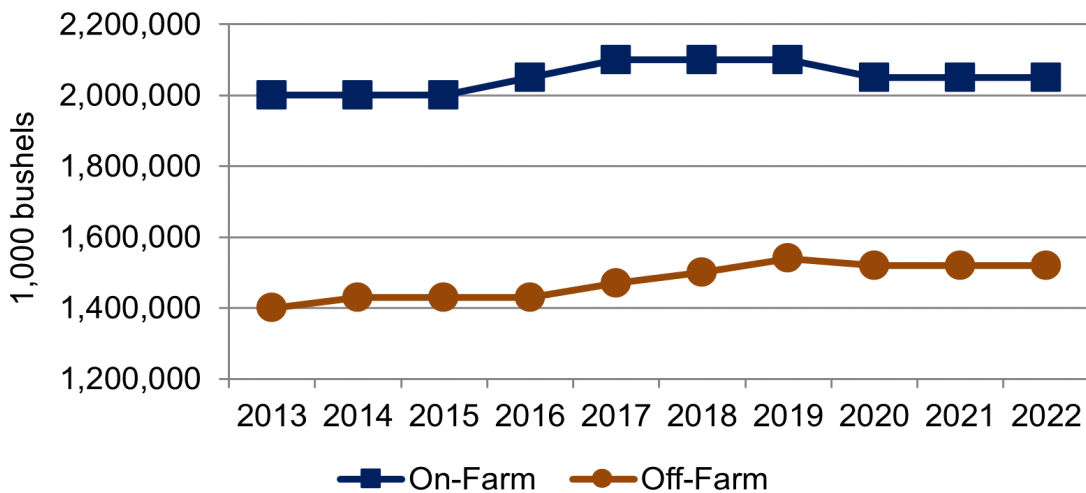
### Hay and Grain Marketings, Percent of Crop Year Total – Iowa: June 2020-August 2022

Month	All hay		Oats		Soybeans		Corn	
	2020-2021	2021-2022	2020-2021	2021-2022	2020-2021	2021-2022	2020-2021	2021-2022
June .....	4	4						
July .....	7	7	58	34				
August .....	7	7	21	33				
September .....	7	7	6	3	17	10	7	4
October .....	4	4	3	1	29	26	18	16
November .....	9	9	3	9	7	8	11	15
December .....	13	14	1	3	6	7	7	8
January .....	16	15	1	2	12	13	13	12
February .....	12	12	1	2	4	6	7	7
March .....	11	11	1	4	5	6	8	9
April .....	6	6	1	4	4	5	7	7
May .....	4	4	2	3	4	4	6	5
June .....			2	2	4	6	6	7
July .....					4	5	5	5
August .....					4	4	5	5

### Grain Storage Capacity – Iowa: December 1, 2013-2022

Year	Number of off-farm facilities	Off-farm capacity		On-farm capacity
		(1,000 bu)		(1,000 bu)
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
2021 .....		840	1,520,000	2,050,000
2022 .....		840	1,520,000	2,050,000

## Grain Storage Capacity Iowa: December 1, 2013-2022



## Estimated Crop Production Costs – Iowa: 2019-2023

	2019 <sup>1</sup>	2020	2021	2022 <sup>2</sup>	2023
<b>Corn following corn</b>					
Machinery	\$134.38	\$128.46	\$126.73	\$146.56	\$202.49
Seed, chemicals, etc.	313.70	299.79	311.84	415.55	479.49
Labor	39.90	41.30	42.70	47.60	50.40
Land	223.00	219.00	222.00	232.00	285.00
Total cost per acre	710.98	688.54	703.28	841.70	1,017.38
Assumed yield (bushels)	182	182	184	180	185
Total cost per bushel	\$3.91	\$3.78	\$3.82	\$4.68	\$5.50
<b>Corn following soybeans</b>					
Machinery	\$132.22	\$126.10	\$125.17	\$145.48	\$202.98
Seed, chemicals, etc.	279.96	259.59	278.36	363.93	434.31
Labor	36.34	37.61	38.89	43.35	45.90
Land	223.00	219.00	222.00	232.00	285.00
Total cost per acre	671.51	642.30	664.42	784.76	968.19
Assumed yield (bushels)	198	199	201	198	202
Total cost per bushel	\$3.39	\$3.23	\$3.31	\$3.96	\$4.79
<b>Soybeans following corn<sup>3</sup></b>					
Machinery	\$68.43	\$68.11	\$63.86	\$72.74	\$86.05
Seed, chemicals, etc.	183.61	168.52	181.24	232.82	286.76
Labor	31.35	32.45	33.55	37.40	39.60
Land	223.00	219.00	222.00	232.00	285.00
Total cost per acre	506.38	488.09	500.65	574.96	697.41
Assumed yield (bushels)	56	56	56	57	59
Total cost per bushel	\$9.04	\$8.72	\$8.94	\$10.09	\$11.82
<b>Alfalfa hay, annual production, 6 tons per acre, large round bales</b>					
One-third of estimated costs	\$48.50	\$49.65	\$51.97	\$68.97	\$65.57
Annual fertilizer	135.37	129.37	129.37	228.76	289.65
Harvest machinery	141.60	141.20	130.80	150.00	179.20
Labor	76.00	78.67	81.33	90.67	96.00
Land	157.00	160.00	164.00	174.00	209.00
Total cost per acre	558.47	558.89	557.47	712.39	839.42
Assumed yield (ton)	6	6	6	6	6
Total cost per ton	\$93.08	\$93.15	\$92.91	\$118.73	\$139.90

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

<sup>2</sup> Starting in 2022, reference yields are adjusted by the percent of the maximum yield attainable at the maximum return to nitrogen (MRTN) rate according to the Corn Nitrogen Rate Calculator, [cnrc.agron.iastate.edu](http://cnrc.agron.iastate.edu).

<sup>3</sup> Soybean estimates are for herbicide tolerant varieties.

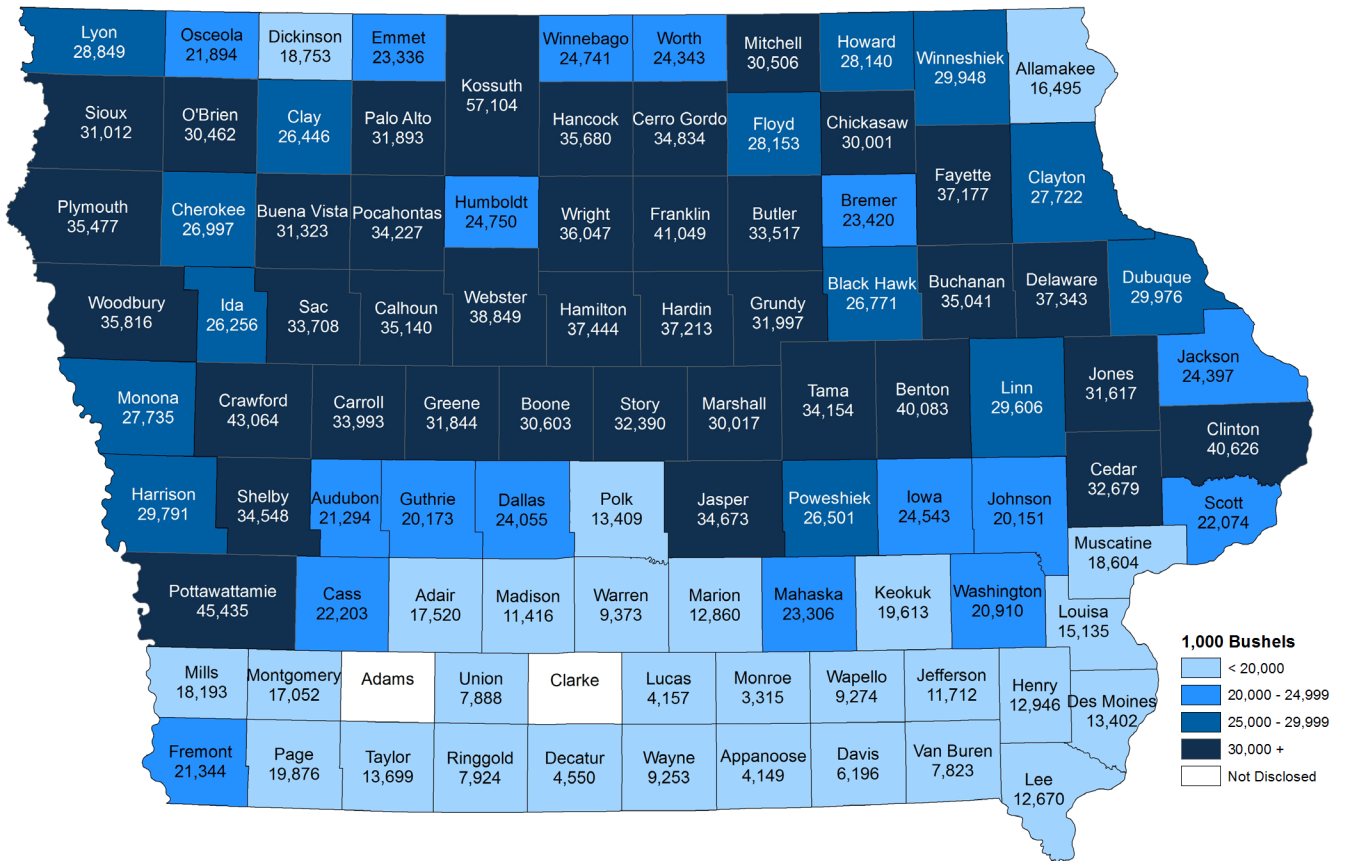
Source: Iowa State University Extension and Outreach



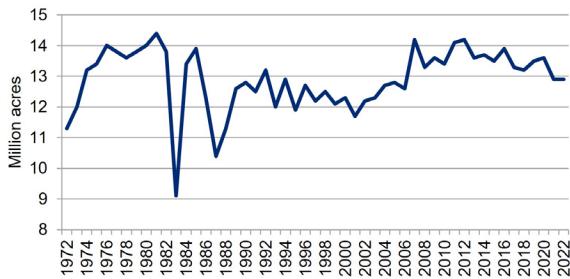


# Corn for Grain Production – Iowa: 2022

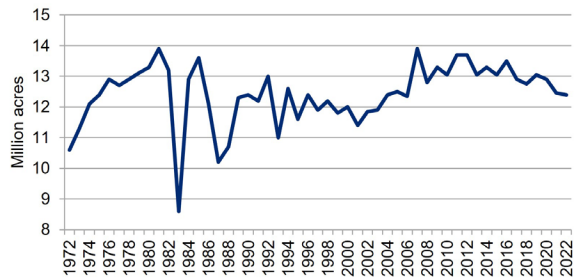
State Total: 2,480,000,000 Bushels



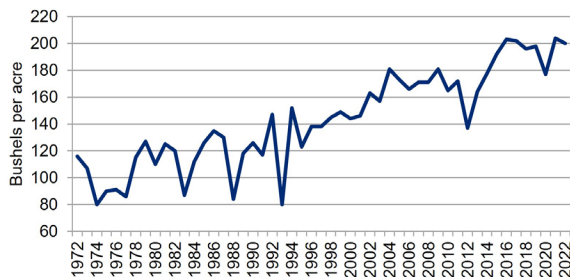
**Corn, Area Planted for all Purposes  
Iowa: 1972-2022**



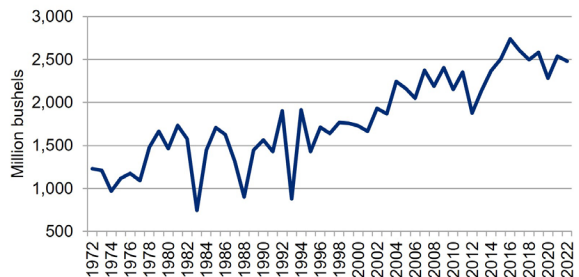
**Corn for Grain, Area Harvested  
Iowa: 1972-2022**



**Corn for Grain, Yield per Acre  
Iowa: 1972-2022**



**Corn for Grain, Production  
Iowa: 1972-2022**



**Corn, Area Planted for All Purposes, Area Harvested for Grain, Yield, and Production – Iowa by County: 2021-2022**

County by district	Area planted for all purposes		Area harvested for grain		Yield		Production	
	2021	2022	2021	2022	2021	2022	2021	2022
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
<b>Northwest</b>								
Buena Vista .....	160,000	162,000	157,200	159,000	203.9	197.0	32,053,000	31,323,000
Cherokee .....	–	147,500	–	135,800	–	198.8	–	26,997,000
Clay .....	145,500	149,000	137,900	138,100	203.3	191.5	28,035,000	26,446,000
Dickinson .....	91,600	94,100	89,900	92,200	177.7	203.4	15,975,000	18,753,000
Emmet .....	110,000	110,500	107,900	109,200	182.5	213.7	19,692,000	23,336,000
Lyon .....	185,500	182,500	163,500	151,200	216.7	190.8	35,430,000	28,849,000
O'Brien .....	171,500	167,000	161,600	151,400	213.5	201.2	34,502,000	30,462,000
Osceola .....	119,500	119,000	113,900	110,800	208.0	197.6	23,691,000	21,894,000
Palo Alto .....	158,000	166,500	153,100	162,800	190.1	195.9	29,104,000	31,893,000
Plymouth .....	232,500	232,000	219,500	206,500	190.9	171.8	41,903,000	35,477,000
Pocahontas .....	175,000	175,000	172,200	172,600	213.9	198.3	36,834,000	34,227,000
Sioux .....	248,500	246,000	211,500	157,500	220.6	196.9	46,657,000	31,012,000
<b>North Central</b>								
Butler .....	163,500	162,000	160,400	157,800	204.5	212.4	32,802,000	33,517,000
Cerro Gordo .....	161,500	163,500	158,500	160,600	200.0	216.9	31,700,000	34,834,000
Floyd .....	143,500	140,500	138,000	137,600	204.4	204.6	28,207,000	28,153,000
Franklin .....	191,000	188,500	187,500	186,500	198.9	220.1	37,294,000	41,049,000
Hancock .....	185,000	170,500	182,300	168,700	209.8	211.5	38,247,000	35,680,000
Humboldt .....	128,000	128,000	126,100	126,600	205.4	195.5	25,901,000	24,750,000
Kossuth .....	304,500	292,000	299,500	289,000	190.7	197.6	57,117,000	57,104,000
Mitchell .....	149,000	148,000	143,500	140,000	203.3	217.9	29,174,000	30,506,000
Winnebago .....	117,500	115,000	115,200	113,700	197.6	217.6	22,764,000	24,741,000
Worth .....	108,500	112,000	105,900	110,900	207.4	219.5	21,964,000	24,343,000
Wright .....	171,500	173,500	169,100	171,900	192.2	209.7	32,501,000	36,047,000
<b>Northeast</b>								
Allamakee .....	93,900	90,900	85,900	76,400	198.5	215.9	17,051,000	16,495,000
Black Hawk .....	140,000	134,000	137,200	132,200	193.6	202.5	26,562,000	26,771,000
Bremer .....	121,500	114,500	117,900	111,100	200.1	210.8	23,592,000	23,420,000
Buchanan .....	180,000	170,500	175,600	167,100	209.0	209.7	36,700,000	35,041,000
Chickasaw .....	146,000	146,000	136,000	139,800	208.2	214.6	28,315,000	30,001,000
Clayton .....	142,500	136,500	128,400	128,700	195.3	215.4	25,077,000	27,722,000
Delaware .....	181,500	178,000	170,100	161,800	218.0	230.8	37,082,000	37,343,000
Dubuque .....	146,500	145,000	131,500	134,000	217.2	223.7	28,562,000	29,976,000
Fayette .....	190,000	184,000	176,400	177,200	205.6	209.8	36,268,000	37,177,000
Howard .....	128,500	134,500	126,000	129,500	207.3	217.3	26,120,000	28,140,000
Winneshiek .....	161,500	157,500	134,100	141,000	199.3	212.4	26,726,000	29,948,000
<b>West Central</b>								
Audubon .....	106,000	110,500	104,400	107,600	216.0	197.9	22,547,000	21,294,000
Calhoun .....	163,000	175,500	160,300	173,700	217.8	202.3	34,921,000	35,140,000
Carroll .....	171,000	176,000	163,700	173,700	218.3	195.7	35,738,000	33,993,000
Crawford .....	196,500	202,500	193,800	199,000	218.5	216.4	42,345,000	43,064,000
Greene .....	159,000	165,000	156,600	161,400	220.5	197.3	34,530,000	31,844,000
Guthrie .....	105,500	106,500	102,800	104,200	220.0	193.6	22,616,000	20,173,000
Harrison .....	–	176,000	–	172,800	–	172.4	–	29,791,000
Ida .....	124,500	122,500	122,500	118,700	226.8	221.2	27,778,000	26,256,000
Monona .....	172,000	167,000	169,000	164,500	197.7	168.6	33,411,000	27,735,000
Sac .....	163,500	164,500	159,900	158,700	231.0	212.4	36,943,000	33,708,000
Shelby .....	–	167,000	–	165,300	–	209.0	–	34,548,000
Woodbury .....	202,500	199,000	196,100	178,900	206.7	200.2	40,525,000	35,816,000
<b>Central</b>								
Boone .....	144,000	152,500	142,000	151,200	208.4	202.4	29,593,000	30,603,000
Dallas .....	119,000	130,000	116,900	128,500	209.9	187.2	24,537,000	24,055,000
Grundy .....	153,000	155,500	150,200	154,200	209.4	207.5	31,452,000	31,997,000
Hamilton .....	–	181,000	–	179,500	–	208.6	–	37,444,000
Hardin .....	178,500	174,000	175,400	172,600	193.2	215.6	33,887,000	37,213,000
Jasper .....	166,000	173,000	162,600	170,300	221.7	203.6	36,048,000	34,673,000
Marshall .....	136,000	149,500	122,300	140,200	211.5	214.1	25,866,000	30,017,000
Polk .....	71,000	71,700	69,600	71,100	217.5	188.6	15,138,000	13,409,000
Poweshiek .....	137,000	139,500	134,700	137,100	201.0	193.3	27,075,000	26,501,000
Story .....	142,500	158,000	140,000	156,400	201.2	207.1	28,168,000	32,390,000
Tama .....	160,000	170,500	157,100	168,000	213.9	203.3	33,604,000	34,154,000
Webster .....	196,500	195,000	193,300	192,800	216.2	201.5	41,791,000	38,849,000

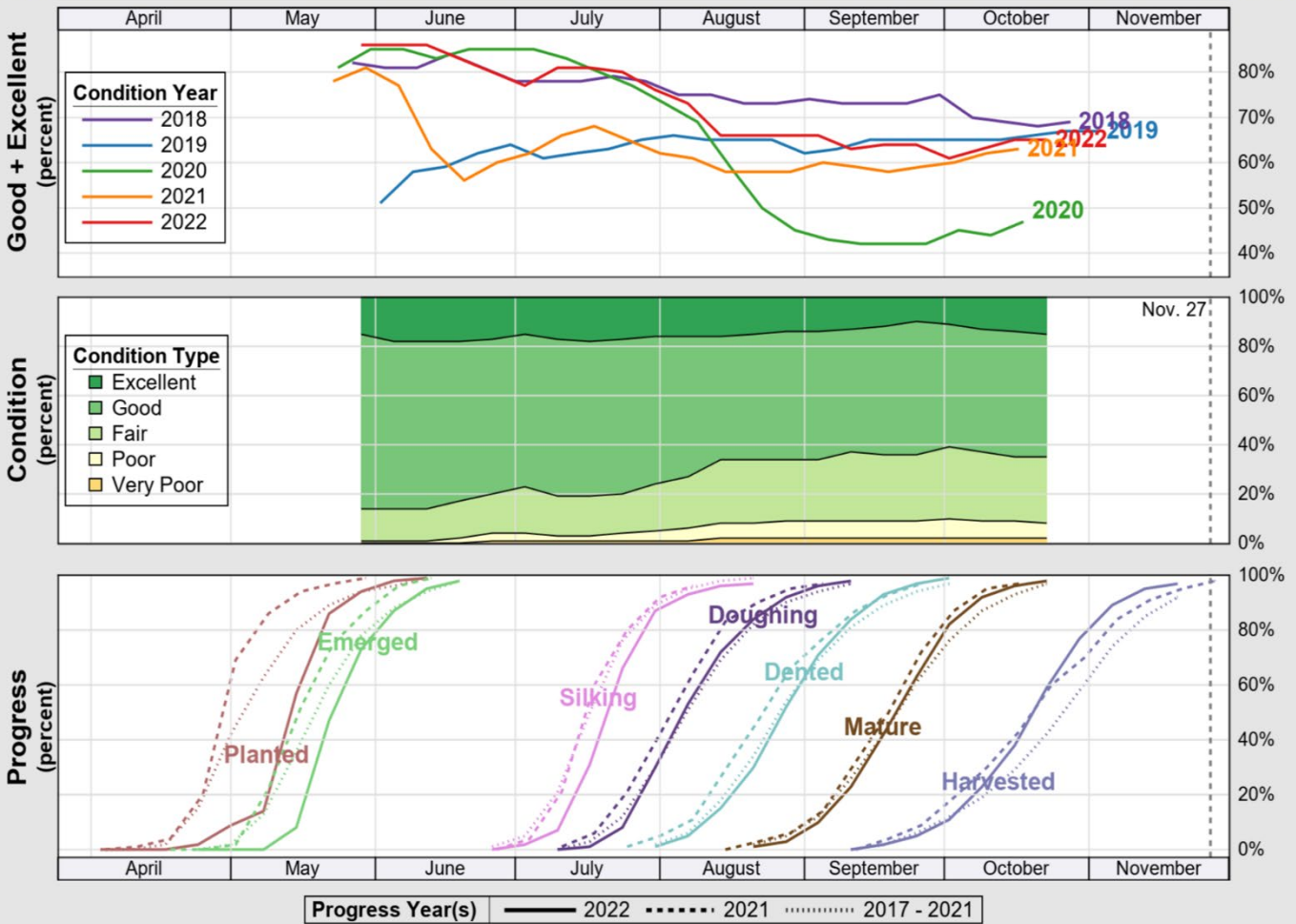
See footnote(s) at end of table.

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**Corn, Area Planted for All Purposes, Area Harvested for Grain, Yield, and Production – Iowa by County: 2021-2022 (continued)**

County by district	Area planted for all purposes		Area harvested for grain		Yield		Production	
	2021	2022	2021	2022	2021	2022	2021	2022
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
<b>East Central</b>								
Benton .....	180,500	188,000	175,300	180,800	211.7	221.7	37,115,000	40,083,000
Cedar .....	149,000	149,500	146,600	147,600	207.1	221.4	30,368,000	32,679,000
Clinton .....	186,000	184,000	180,500	180,400	206.5	225.2	37,270,000	40,626,000
Iowa .....	–	122,000	–	119,200	–	205.9	–	24,543,000
Jackson .....	117,000	114,500	107,900	111,300	191.2	219.2	20,626,000	24,397,000
Johnson .....	–	99,900	–	98,200	–	205.2	–	20,151,000
Jones .....	–	148,500	–	144,900	–	218.2	–	31,617,000
Linn .....	–	143,000	–	137,700	–	215.0	–	29,606,000
Muscatine .....	86,800	89,000	84,100	87,300	204.5	213.1	17,202,000	18,604,000
Scott .....	105,000	104,500	102,700	102,100	206.8	216.2	21,235,000	22,074,000
<b>Southwest</b>								
Adair .....	–	110,500	–	106,700	–	164.2	–	17,520,000
Cass .....	130,000	127,500	127,400	123,900	212.4	179.2	27,060,000	22,203,000
Fremont .....	114,500	113,000	112,600	111,400	206.7	191.6	23,274,000	21,344,000
Mills .....	93,100	95,900	91,500	95,200	209.8	191.1	19,197,000	18,193,000
Montgomery .....	92,000	92,000	90,500	90,800	204.9	187.8	18,543,000	17,052,000
Page .....	108,000	115,500	106,400	113,900	206.9	174.5	22,014,000	19,876,000
Pottawattamie .....	233,500	235,500	231,000	233,000	216.3	195.0	49,965,000	45,435,000
Taylor .....	82,200	80,900	80,900	79,600	192.0	172.1	15,533,000	13,699,000
<b>South Central</b>								
Appanoose .....	34,200	30,000	32,200	28,400	171.6	146.1	5,526,000	4,149,000
Decatur .....	–	32,300	–	30,600	–	148.7	–	4,550,000
Lucas .....	32,900	31,600	32,000	29,800	166.1	139.5	5,315,000	4,157,000
Madison .....	65,600	69,300	63,500	68,400	195.6	166.9	12,421,000	11,416,000
Marion .....	74,100	74,800	72,300	73,400	199.1	175.2	14,395,000	12,860,000
Monroe .....	30,500	23,500	28,600	22,800	166.1	145.4	4,751,000	3,315,000
Ringgold .....	49,900	53,000	48,500	52,200	175.8	151.8	8,526,000	7,924,000
Union .....	55,500	54,500	54,100	52,800	185.2	149.4	10,019,000	7,888,000
Warren .....	–	60,800	–	59,400	–	157.8	–	9,373,000
Wayne .....	58,300	55,500	57,300	54,400	177.0	170.1	10,142,000	9,253,000
<b>Southeast</b>								
Davis .....	50,300	43,600	46,300	40,000	152.5	154.9	7,061,000	6,196,000
Des Moines .....	–	69,900	–	68,800	–	194.8	–	13,402,000
Henry .....	76,800	78,300	75,700	77,200	167.7	167.7	12,695,000	12,946,000
Jefferson .....	71,500	69,800	70,100	65,800	163.3	178.0	11,447,000	11,712,000
Keokuk .....	121,500	118,500	118,900	115,100	176.5	170.4	20,986,000	19,613,000
Lee .....	75,500	72,600	72,700	71,100	160.4	178.2	11,661,000	12,670,000
Louisa .....	79,000	78,000	77,700	77,100	189.5	196.3	14,724,000	15,135,000
Mahaska .....	130,500	127,500	126,800	125,100	200.5	186.3	25,423,000	23,306,000
Van Buren .....	49,700	54,200	47,100	51,500	162.5	151.9	7,654,000	7,823,000
Wapello .....	58,800	55,500	57,100	54,300	178.0	170.8	10,164,000	9,274,000
Washington .....	–	114,500	–	112,600	–	185.7	–	20,910,000
Other counties .....	1,687,800	100,400	1,645,200	95,600	203.8	149.9	335,373,000	14,332,000
<b>Iowa .....</b>	<b>12,900,000</b>	<b>12,900,000</b>	<b>12,450,000</b>	<b>12,400,000</b>	<b>204.0</b>	<b>200.0</b>	<b>2,539,800,000</b>	<b>2,480,000,000</b>

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



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.

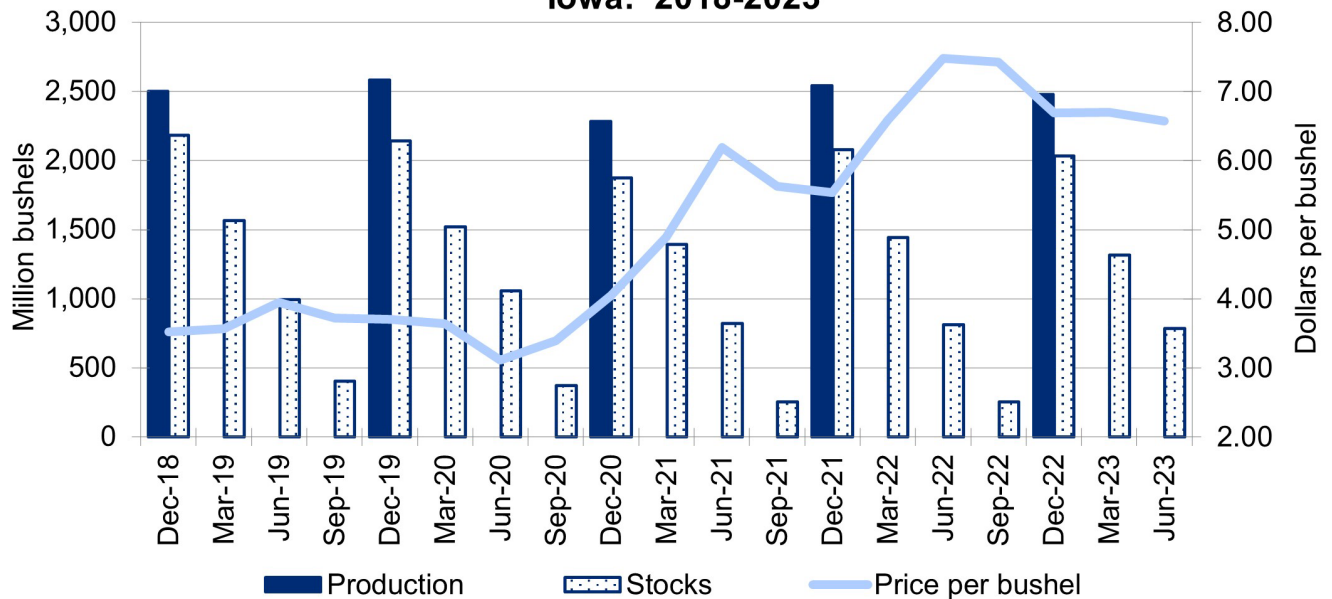
**Excellent:** Yield prospects are above normal and crops are experiencing little or no stress. Disease, insect damage, and weed pressures are insignificant.

### Corn Production, Stocks on Farms, and Total Stocks by Quarter – Iowa and United States: 2013-2023

Crop year	Production (1,000 bushels)	Marketing season							
		December 1		March 1		June 1		September 1	
		On-farm (1,000 bushels)	Total (1,000 bushels)	On-farm (1,000 bushels)	Total (1,000 bushels)	On-farm (1,000 bushels)	Total (1,000 bushels)	On-farm (1,000 bushels)	Total (1,000 bushels)
<b>Iowa</b>									
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 .....	2,283,300	1,190,000	1,876,433	780,000	1,392,944	340,000	820,013	55,000	251,870
2021-2022 .....	2,539,800	1,250,000	2,079,589	760,000	1,444,532	375,000	812,034	95,000	255,286
2022-2023 .....	2,480,000	1,270,000	2,035,356	750,000	1,316,061	420,000	786,432	(NA)	(NA)
<b>United States</b>									
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 .....	14,111,449	7,046,000	11,293,750	4,036,500	7,696,148	1,743,600	4,111,181	394,900	1,234,512
2021-2022 .....	15,073,820	7,234,000	11,641,181	4,080,000	7,758,036	2,120,700	4,348,968	509,500	1,376,890
2022-2023 .....	13,729,719	6,748,000	10,821,207	4,106,000	7,400,678	2,220,800	4,105,934	(NA)	(NA)

(NA) Not available.

### Corn Production by Year, Stocks by Quarter, and Price by Month Iowa: 2018-2023



## 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: 2018-2022

Year	September	October	November	Final
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
2021 .....	31,850	31,850	31,800	31,800
2022 .....	31,750	31,550	31,600	31,600

### Corn for Grain, Number of Ears per Acre – Iowa: 2018-2022

Year	September	October	November	Final
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
2021 .....	31,750	31,800	31,800	31,800
2022 .....	30,850	30,800	30,800	30,800

### Corn for Grain, Percentage Distribution by Plant Population per Acre – Iowa: 2018-2022

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
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
2021 .....	0.0	1.6	2.4	5.5	12.6	77.9
2022 .....	0.7	0.7	0.7	3.3	17.6	77.0

### Corn for Grain, Frequency of Farmer Reported Row Widths – Iowa: 2018-2022

Year	Less than 30 inches	30 inches	36 inches	38 inches	More than 38 inches
2018 .....	12	234	2	1	0
2019 .....	3	136	0	1	0
2020 .....	9	140	5	3	0
2021 .....	4	126	2	0	0
2022 .....	6	149	0	0	0

### Corn for Grain, Percentage Distribution by Measured Row Width and Average Row Width – Iowa: 2018-2022

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	
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
2021 .....	127	3.9	82.7	12.6	0.8	0.0	0.0	29.7
2022 .....	153	2.6	78.4	19.0	0.0	0.0	0.0	29.9

## Corn Prices Received by Farmers by Month – Iowa and United States: 2018-2022

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep <sup>1</sup>	Oct	Nov	Dec	Marketing year average <sup>2</sup>
(dollars per bushel)													
<b>Iowa</b>													
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	4.64
2021 .....	4.40	4.87	4.89	5.35	6.03	6.19	6.22	6.38	5.63	5.02	5.23	5.54	6.10
2022 .....	5.70	6.11	6.59	7.12	7.34	7.48	7.44	7.40	7.42	6.53	6.50	6.69	(NA)
<b>United States</b>													
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	3.41	3.61	3.79	3.97	4.53
2021 .....	4.24	4.75	4.89	5.31	5.91	6.00	6.12	6.32	5.47	5.02	5.26	5.47	6.00
2022 .....	5.58	6.09	6.56	7.07	7.26	7.38	7.25	7.24	7.09	6.50	6.49	6.58	(NA)

(NA) Not available.

<sup>1</sup> Corn marketing season is from September 1 through August 31 of the following year.

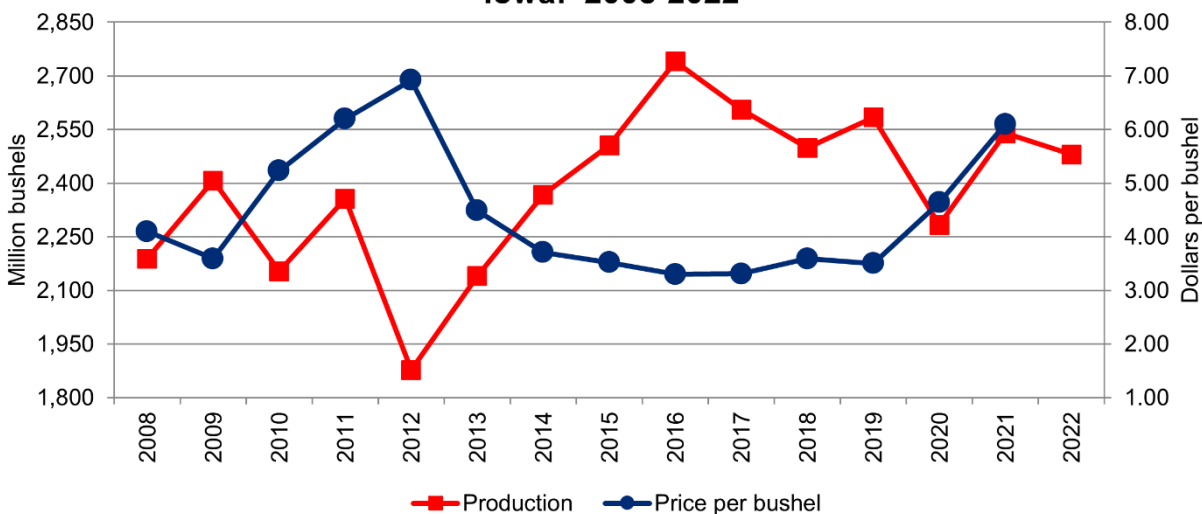
<sup>2</sup> Market year average price does not include any grain forfeited to CCC. For crops, market year prices are computed by weighting monthly prices by estimated monthly marketings.

## Corn Prices Received – Iowa by District: Market Year Average 2017-2021

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

Year	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast
(dollars per bushel)									
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
2020-2021 .....	4.55	4.65	4.44	4.55	4.57	4.74	4.78	4.96	4.67
2021-2022 .....	6.07	6.06	5.81	6.21	5.91	6.23	6.30	6.26	6.15

## Corn Production and Market Year Average Prices Iowa: 2008-2022



## 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: 2014-2023

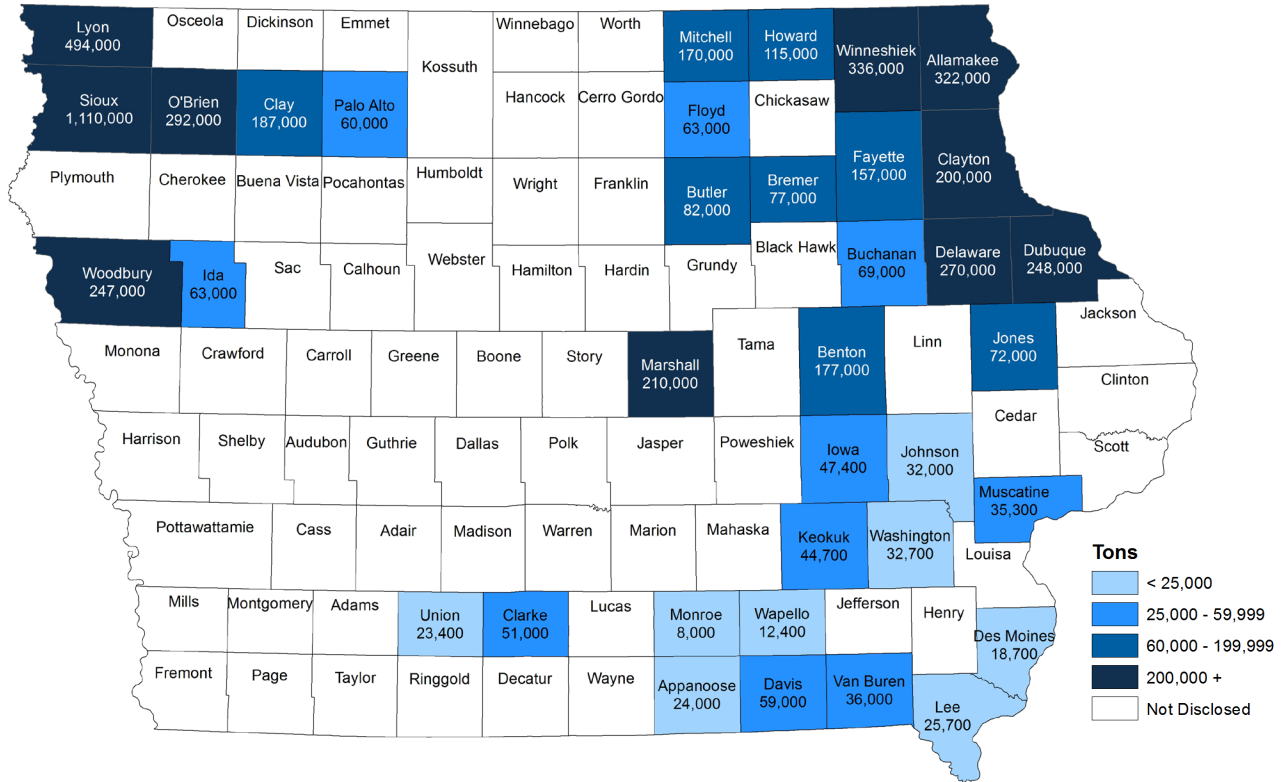
Year	All planted acres	Insect resistant (Bt)	Herbicide resistant	Stacked gene varieties	All biotech varieties
	(1,000 acres)	(percent)	(percent)	(percent)	(percent)
<b>Iowa</b>					
2014 .....	13,700	4	8	83	95
2015 .....	13,500	5	8	80	93
2016 .....	13,900	3	9	80	92
2017 .....	13,300	5	8	80	93
2018 .....	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
2022 .....	12,900	3	8	82	93
2023 .....	13,400	3	11	81	95
<b>United States</b> .....					
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 .....	90,652	3	10	79	92
2021 .....	93,252	3	9	81	93
2022 .....	88,579	3	9	81	93
2023 .....	94,096	3	9	82	93





# Corn for Silage Production – Iowa: 2022

State Total: 8,400,000 Tons



## Corn for Silage, Area Harvested, Yield, and Production – Iowa by County: 2021-2022

County by district	Area harvested		Yield		Production	
	2021	2022	2021	2022	2021	2022
	(acres)	(acres)	(tons per acre)	(tons per acre)	(tons)	(tons)
<b>Northwest</b>						
Clay .....	6,400	10,400	19.5	18.0	125,000	187,000
Dickinson .....	750	–	18.0	–	13,500	–
Lyon .....	20,100	21,000	24.5	23.5	492,000	494,000
O'Brien .....	–	12,700	–	23.0	–	292,000
Palo Alto .....	–	2,860	–	21.0	–	60,000
Sioux .....	35,100	58,800	22.0	19.0	777,000	1,110,000
<b>North Central</b>						
Butler .....	–	3,820	–	21.5	–	82,000
Floyd .....	4,160	2,680	17.5	23.5	73,000	63,000
Mitchell .....	–	7,720	–	22.0	–	170,000
Winnebago .....	1,150	–	23.0	–	26,500	–
<b>Northeast</b>						
Allamakee .....	7,300	14,300	22.5	22.5	164,000	322,000
Bremer .....	2,410	3,220	23.0	24.0	55,000	77,000
Buchanan .....	–	3,140	–	22.0	–	69,000
Clayton .....	–	7,540	–	26.5	–	200,000
Delaware .....	9,590	15,900	21.5	17.0	206,000	270,000
Dubuque .....	–	10,800	–	23.0	–	248,000
Fayette .....	12,100	6,530	23.0	24.0	278,000	157,000
Howard .....	–	4,780	–	24.0	–	115,000
Winneshiek .....	25,900	16,000	19.5	21.0	505,000	336,000

See footnote(s) at end of table.

--continued

## Corn for Silage, Area Harvested, Yield, and Production – Iowa by County: 2021-2022

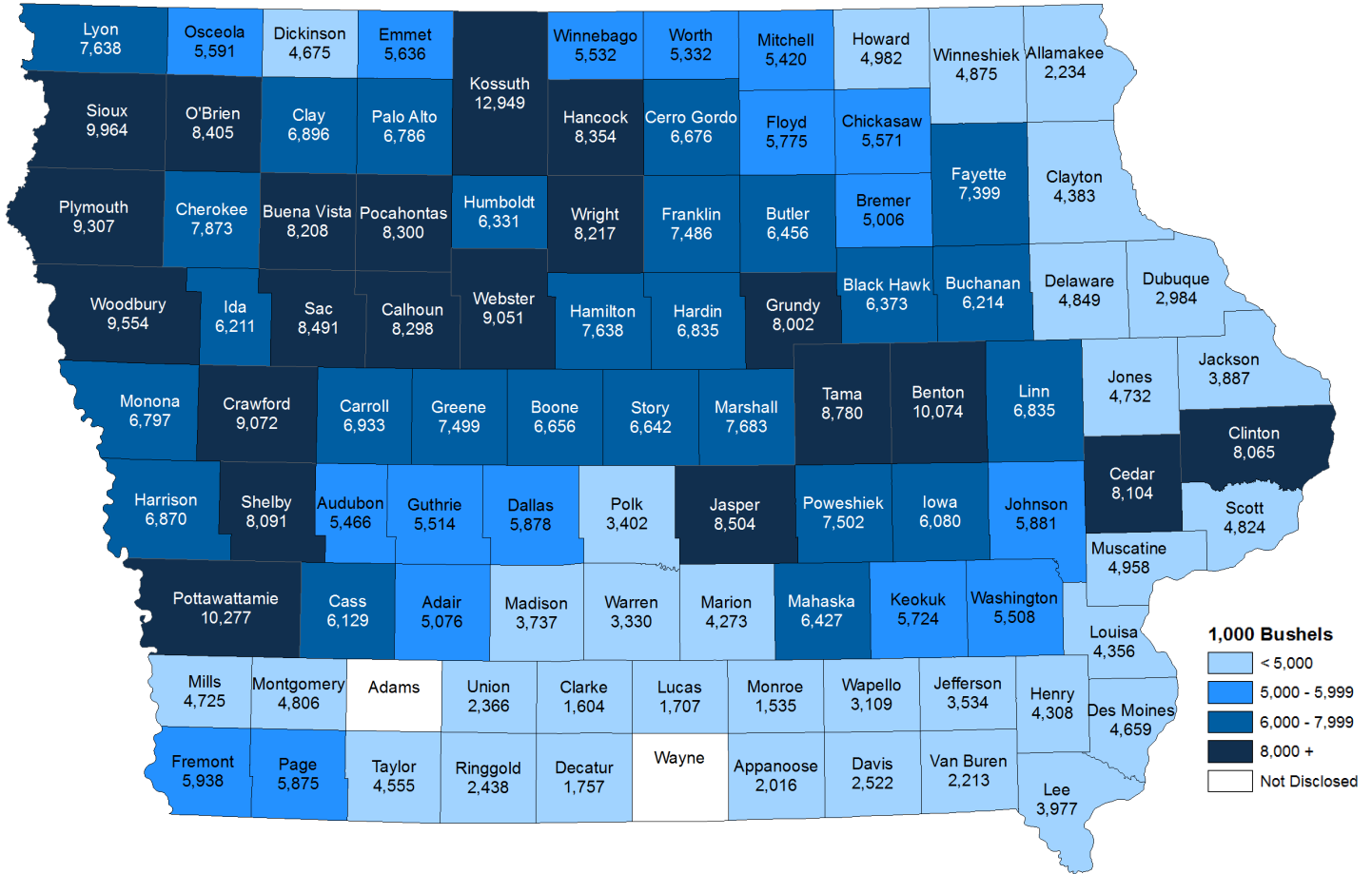
(continued)

County by district	Area harvested		Yield		Production	
	2021	2022	2021	2022	2021	2022
	(acres)	(acres)	(tons per acre)	(tons per acre)	(tons)	(tons)
<b>West Central</b>						
Ida .....	–	3,070	–	20.5	–	63,000
Woodbury .....	–	13,000	–	19.0	–	247,000
<b>Central</b>						
Marshall .....	12,600	8,940	25.0	23.5	315,000	210,000
<b>East Central</b>						
Benton .....	3,530	6,930	19.0	25.5	67,000	177,000
Iowa .....	–	2,430	–	19.5	–	47,400
Johnson .....	–	1,560	–	20.5	–	32,000
Jones .....	–	3,350	–	21.5	–	72,000
Muscatine .....	2,000	1,410	19.0	25.0	38,000	35,300
<b>South Central</b>						
Appanoose .....	1,710	1,370	13.5	17.5	22,700	24,000
Clarke .....	–	2,770	–	18.5	–	51,000
Lucas .....	660	–	14.5	–	9,600	–
Monroe .....	–	470	–	17.0	–	8,000
Union .....	–	1,200	–	19.5	–	23,400
<b>Southeast</b>						
Davis .....	3,450	3,210	17.5	18.5	61,000	59,000
Des Moines .....	–	960	–	19.5	–	18,700
Keokuk .....	–	2,350	–	19.0	–	44,700
Lee .....	–	1,390	–	18.5	–	25,700
Mahaska .....	2,700	–	16.0	–	43,200	–
Van Buren .....	1,660	2,180	15.5	16.5	25,700	36,000
Wapello .....	–	670	–	18.5	–	12,400
Washington .....	2,130	1,520	16.0	21.5	34,100	32,700
Other counties .....	184,600	139,030	20.5	21.0	3,808,700	2,928,700
<b>Iowa .....</b>	<b>340,000</b>	<b>400,000</b>	<b>21.0</b>	<b>21.0</b>	<b>7,140,000</b>	<b>8,400,000</b>

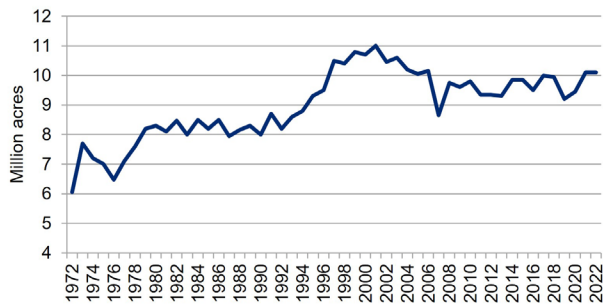
– Data does not meet publication standards but is published in "Other counties", or represents zero.

# Soybean Production – Iowa: 2022

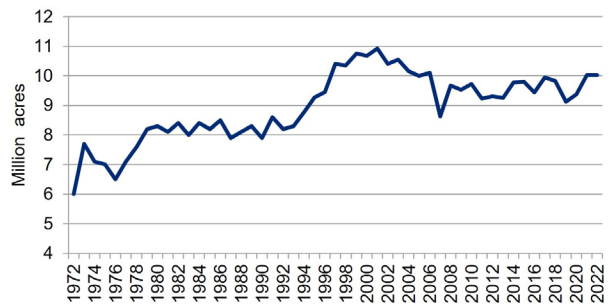
State Total: 586,755,000 Bushels



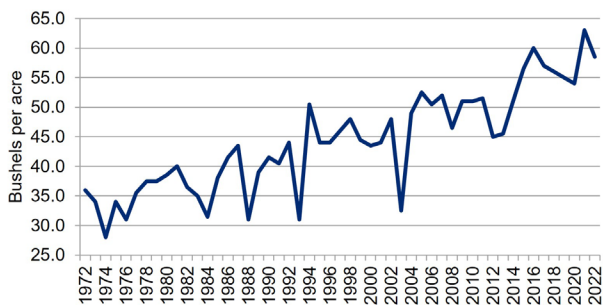
**Soybeans, Acres Planted for all Purposes  
Iowa: 1972-2022**



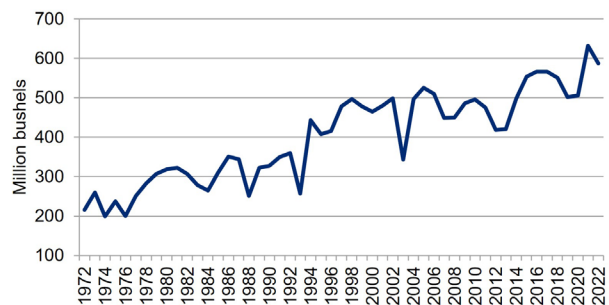
**Soybeans, Acres Harvested  
Iowa: 1972-2022**



**Soybeans, Yield per Acre  
Iowa: 1972-2022**



**Soybeans, Production  
Iowa: 1972-2022**



**Soybeans for Beans, Area Planted, Harvested, Yield, and Production – Iowa by County: 2021-2022**

County by district	Area planted		Area harvested		Yield		Production	
	2021	2022	2021	2022	2021	2022	2021	2022
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
<b>Northwest</b>								
Buena Vista .....	146,500	144,500	145,400	143,500	63.8	57.2	9,277,000	8,208,000
Cherokee .....	–	133,000	–	132,100	–	59.6	–	7,873,000
Clay .....	125,500	122,000	124,500	121,200	62.4	56.9	7,769,000	6,896,000
Dickinson .....	82,900	80,000	82,400	79,500	56.0	58.8	4,612,000	4,675,000
Emmet .....	91,200	90,400	90,700	89,800	59.6	62.8	5,406,000	5,636,000
Lyon .....	120,500	123,500	119,600	122,700	63.6	62.2	7,607,000	7,638,000
O'Brien .....	138,500	142,500	137,500	141,500	66.4	59.4	9,130,000	8,405,000
Osceola .....	99,200	100,000	98,600	99,300	62.9	56.3	6,202,000	5,591,000
Palo Alto .....	123,500	118,000	122,600	117,200	61.6	57.9	7,552,000	6,786,000
Plymouth .....	–	196,000	–	194,700	–	47.8	–	9,307,000
Pocahontas .....	147,000	148,000	146,000	146,900	65.0	56.5	9,490,000	8,300,000
Sioux .....	157,500	159,500	156,400	158,300	70.5	62.9	11,021,000	9,964,000
<b>North Central</b>								
Butler .....	105,000	105,500	104,400	104,800	60.8	61.6	6,348,000	6,456,000
Cerro Gordo .....	113,500	110,500	112,800	109,800	61.0	60.8	6,881,000	6,676,000
Floyd .....	–	93,900	–	93,300	–	61.9	–	5,775,000
Franklin .....	118,000	120,000	117,300	119,200	59.7	62.8	7,003,000	7,486,000
Hancock .....	120,000	133,500	119,300	132,600	63.5	63.0	7,576,000	8,354,000
Humboldt .....	107,000	108,000	106,400	107,300	62.4	59.0	6,639,000	6,331,000
Kossuth .....	226,500	232,000	224,500	230,500	60.4	56.2	13,565,000	12,949,000
Mitchell .....	84,000	84,500	83,500	83,900	62.5	64.6	5,219,000	5,420,000
Winnebago .....	84,400	86,500	83,900	85,900	61.6	64.4	5,168,000	5,532,000
Worth .....	90,300	86,600	89,800	86,000	60.1	62.0	5,397,000	5,332,000
Wright .....	139,000	136,500	137,900	135,600	61.0	60.6	8,412,000	8,217,000
<b>Northeast</b>								
Allamakee .....	34,700	36,700	34,500	36,500	61.9	61.2	2,136,000	2,234,000
Black Hawk .....	94,300	99,500	93,600	98,800	60.1	64.5	5,625,000	6,373,000
Bremer .....	68,500	75,500	67,900	75,000	62.0	66.7	4,210,000	5,006,000
Buchanan .....	88,500	96,300	88,000	95,600	63.4	65.0	5,579,000	6,214,000
Chickasaw .....	–	88,200	–	87,600	–	63.6	–	5,571,000
Clayton .....	–	68,500	–	68,000	–	64.5	–	4,383,000
Delaware .....	67,500	72,400	67,100	71,900	66.4	67.4	4,455,000	4,849,000
Dubuque .....	42,400	43,800	42,100	43,500	70.5	68.6	2,967,000	2,984,000
Fayette .....	112,000	117,500	111,400	116,700	64.4	63.4	7,174,000	7,399,000
Howard .....	88,700	82,400	88,100	81,800	60.3	60.9	5,312,000	4,982,000
Winneshiek .....	69,500	74,000	69,100	73,500	61.8	66.3	4,270,000	4,875,000
<b>West Central</b>								
Audubon .....	98,600	95,000	98,000	94,400	67.3	57.9	6,595,000	5,466,000
Calhoun .....	147,500	136,500	146,400	135,600	63.5	61.2	9,296,000	8,298,000
Carroll .....	123,000	118,500	122,100	117,700	65.3	58.9	7,973,000	6,933,000
Crawford .....	150,000	145,500	148,900	144,500	63.5	62.8	9,455,000	9,072,000
Greene .....	134,500	128,000	133,500	127,100	64.1	59.0	8,557,000	7,499,000
Guthrie .....	–	94,700	–	94,100	–	58.6	–	5,514,000
Harrison .....	–	132,000	–	131,100	–	52.4	–	6,870,000
Ida .....	97,200	99,200	96,600	98,500	65.6	63.1	6,337,000	6,211,000
Monona .....	135,500	141,000	134,500	140,000	61.8	48.6	8,312,000	6,797,000
Sac .....	–	139,500	–	138,500	–	61.3	–	8,491,000
Shelby .....	–	140,500	–	139,500	–	58.0	–	8,091,000
Woodbury .....	–	170,500	–	169,300	–	56.4	–	9,554,000
<b>Central</b>								
Boone .....	119,500	111,000	118,800	110,200	64.4	60.4	7,651,000	6,656,000
Dallas .....	110,500	99,000	109,700	98,300	63.6	59.8	6,977,000	5,878,000
Grundy .....	127,000	124,500	126,100	123,300	66.5	64.9	8,386,000	8,002,000
Hamilton .....	127,000	125,500	126,100	124,600	62.2	61.3	7,843,000	7,638,000
Hardin .....	104,500	108,500	103,900	107,800	65.0	63.4	6,754,000	6,835,000
Jasper .....	149,000	142,500	147,900	141,500	67.3	60.1	9,954,000	8,504,000
Marshall .....	133,000	119,000	132,000	118,200	67.1	65.0	8,857,000	7,683,000
Polk .....	67,000	63,300	66,600	62,900	64.6	54.1	4,302,000	3,402,000
Poweshiek .....	–	125,000	–	124,200	–	60.4	–	7,502,000
Story .....	128,000	111,500	127,000	110,700	63.6	60.0	8,077,000	6,642,000
Tama .....	154,000	144,000	152,900	143,000	66.3	61.4	10,137,000	8,780,000
Webster .....	157,500	158,500	156,300	157,400	64.6	57.5	10,097,000	9,051,000

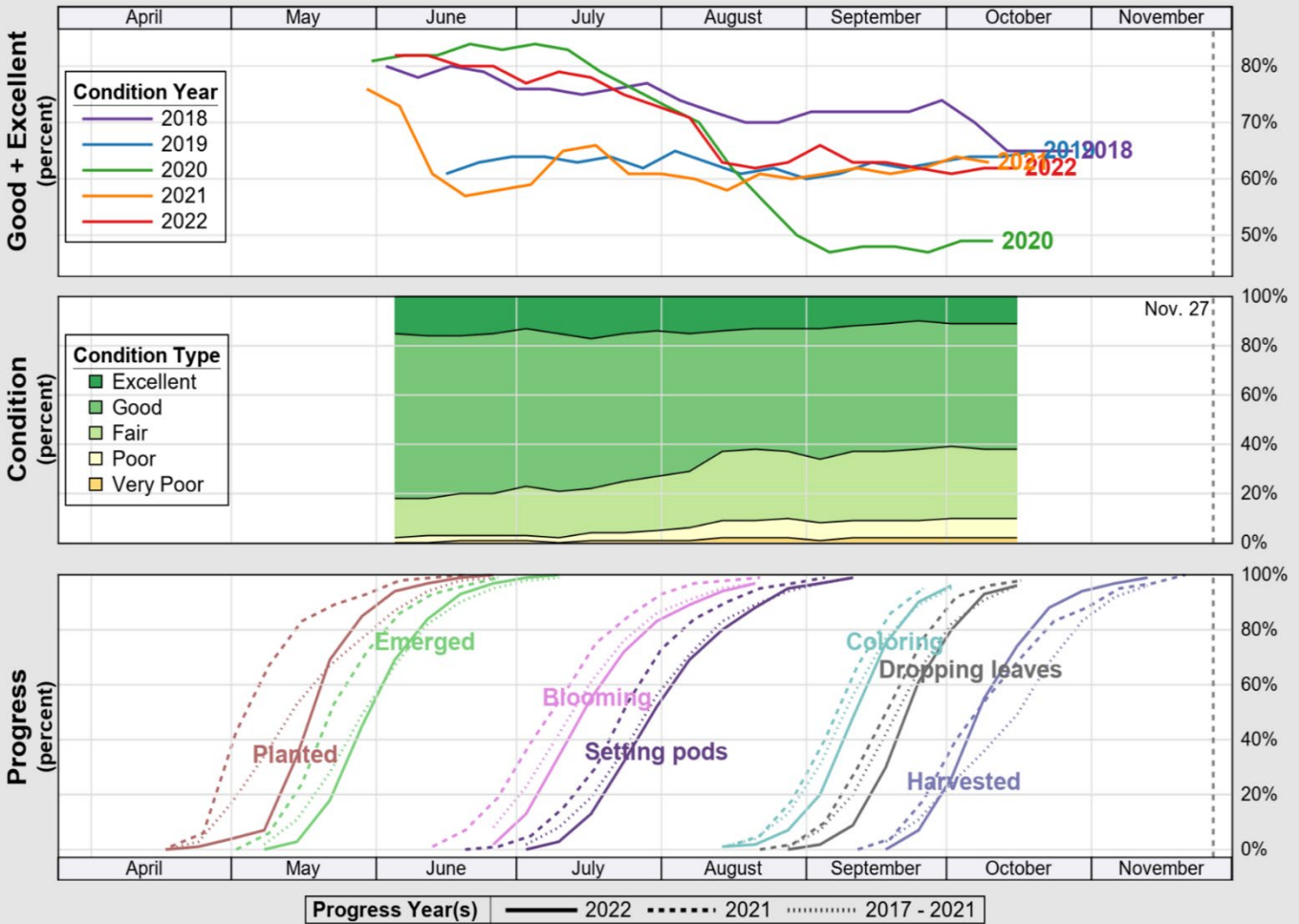
See footnote(s) at end of table.

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**Soybeans for Beans, Area Planted, Harvested, Yield, and Production – Iowa by County: 2021-2022  
(continued)**

County by district	Area planted		Area harvested		Yield		Production	
	2021	2022	2021	2022	2021	2022	2021	2022
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
<b>East Central</b>								
Benton .....	161,000	153,500	159,800	152,400	67.1	66.1	10,723,000	10,074,000
Cedar .....	122,000	122,000	121,100	121,000	65.3	67.0	7,908,000	8,104,000
Clinton .....	120,500	123,000	119,800	122,200	63.9	66.0	7,655,000	8,065,000
Iowa .....	–	99,400	–	98,700	–	61.6	–	6,080,000
Jackson .....	–	59,000	–	58,600	–	66.3	–	3,887,000
Johnson .....	–	95,300	–	94,700	–	62.1	–	5,881,000
Jones .....	82,700	77,200	82,200	76,700	64.5	61.7	5,302,000	4,732,000
Linn .....	–	106,500	–	105,800	–	64.6	–	6,835,000
Muscatine .....	76,500	76,200	76,000	75,700	62.6	65.5	4,758,000	4,958,000
Scott .....	70,400	70,300	70,000	69,800	68.1	69.1	4,767,000	4,824,000
<b>Southwest</b>								
Adair .....	–	107,500	–	106,800	–	47.5	–	5,076,000
Adams .....	–	–	–	–	–	–	–	–
Cass .....	118,000	120,500	117,300	119,700	63.3	51.2	7,425,000	6,129,000
Fremont .....	110,500	112,000	109,500	111,200	63.1	53.4	6,909,000	5,938,000
Mills .....	–	91,300	–	90,700	–	52.1	–	4,725,000
Montgomery .....	88,000	88,300	87,500	87,700	63.0	54.8	5,513,000	4,806,000
Page .....	117,500	109,500	116,800	108,800	62.6	54.0	7,312,000	5,875,000
Pottawattamie .....	204,500	203,000	203,000	201,500	64.4	51.0	13,073,000	10,277,000
Taylor .....	86,200	86,700	85,700	86,100	61.3	52.9	5,253,000	4,555,000
<b>South Central</b>								
Appanoose .....	44,000	50,200	43,700	49,900	57.5	40.4	2,513,000	2,016,000
Clarke .....	35,600	40,200	35,400	39,900	57.7	40.2	2,043,000	1,604,000
Decatur .....	40,700	46,600	40,500	46,300	57.0	37.9	2,309,000	1,757,000
Lucas .....	37,000	39,900	36,800	39,600	54.1	43.1	1,991,000	1,707,000
Madison .....	71,200	67,900	70,800	67,400	58.8	55.4	4,163,000	3,737,000
Marion .....	74,300	74,400	73,900	73,900	60.6	57.8	4,478,000	4,273,000
Monroe .....	27,500	32,700	27,300	32,400	59.3	47.4	1,619,000	1,535,000
Ringgold .....	59,500	58,900	59,100	58,300	54.0	41.8	3,191,000	2,438,000
Union .....	54,400	57,500	54,100	57,100	61.9	41.4	3,349,000	2,366,000
Warren .....	–	66,700	–	66,300	–	50.2	–	3,330,000
Wayne .....	67,400	–	67,000	–	57.1	–	3,826,000	–
<b>Southeast</b>								
Davis .....	49,100	56,900	48,800	56,500	56.7	44.6	2,767,000	2,522,000
Des Moines .....	–	70,100	–	69,600	–	66.9	–	4,659,000
Henry .....	71,800	72,200	71,200	71,500	58.3	60.3	4,151,000	4,308,000
Jefferson .....	68,700	70,200	68,100	69,700	53.9	50.7	3,673,000	3,534,000
Keokuk .....	–	108,500	–	107,800	–	53.1	–	5,724,000
Lee .....	70,100	73,300	69,700	72,800	59.7	54.6	4,161,000	3,977,000
Louisa .....	–	71,400	–	70,900	–	61.4	–	4,356,000
Mahaska .....	104,500	109,000	103,900	108,300	62.0	59.3	6,442,000	6,427,000
Van Buren .....	54,200	51,300	53,800	50,800	53.0	43.6	2,851,000	2,213,000
Wapello .....	55,500	58,300	55,000	57,900	59.0	53.7	3,245,000	3,109,000
Washington .....	–	96,900	–	96,300	–	57.2	–	5,508,000
Other counties .....	2,407,300	142,800	2,389,600	141,800	63.2	47.9	150,958,000	6,788,000
<b>Iowa .....</b>	<b>10,100,000</b>	<b>10,100,000</b>	<b>10,030,000</b>	<b>10,030,000</b>	<b>63.0</b>	<b>58.5</b>	<b>631,890,000</b>	<b>586,755,000</b>

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



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.

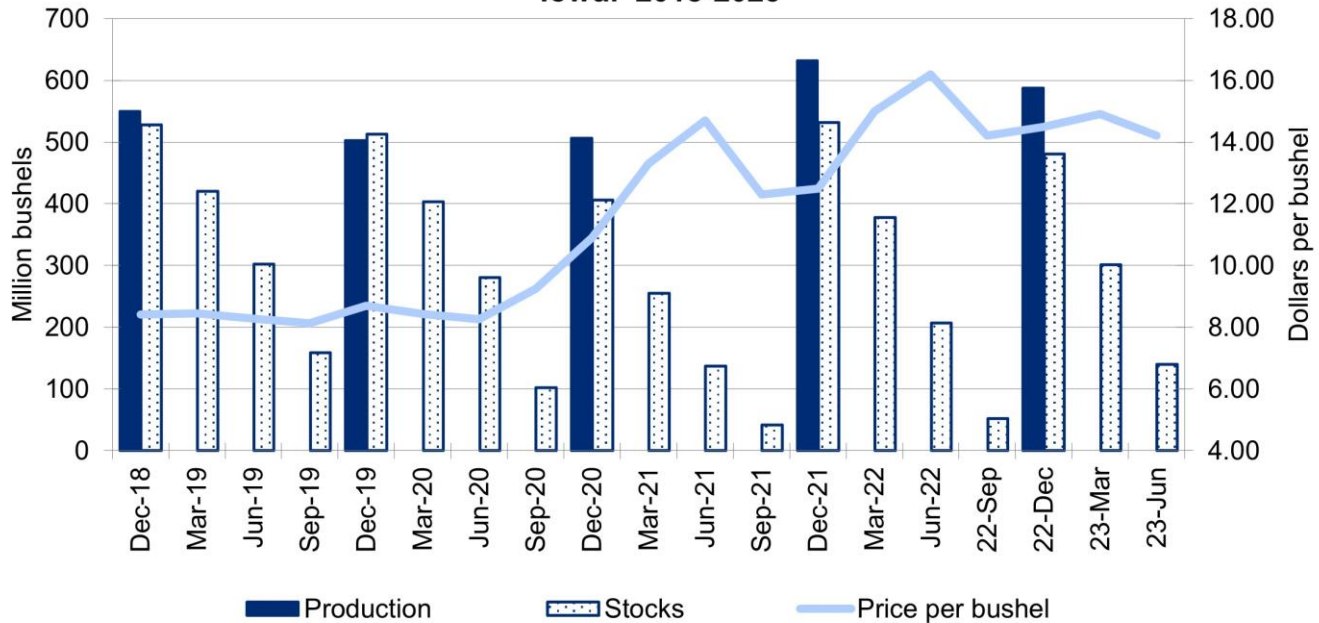
**Excellent:** Yield prospects are above normal and crops are experiencing little or no stress. Disease, insect damage, and weed pressures are insignificant.

## Soybean Production, Stocks on Farms, and Total Stocks by Quarter – Iowa and United States: 2013-2023

Crop year	Production (1,000 bushels)	Marketing season							
		December 1		March 1		June 1		September 1	
		On-farm (1,000 bushels)	Total (1,000 bushels)	On-farm (1,000 bushels)	Total (1,000 bushels)	On-farm (1,000 bushels)	Total (1,000 bushels)	On-farm (1,000 bushels)	Total (1,000 bushels)
<b>Iowa</b>									
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 .....	505,980	160,000	406,344	95,000	254,946	39,000	136,533	10,500	42,096
2021-2022 .....	631,890	225,000	532,480	140,000	377,799	70,000	207,483	11,000	51,548
2022-2023 .....	586,755	215,000	481,289	120,000	301,416	52,000	139,774	(NA)	(NA)
<b>United States</b>									
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 .....	4,216,302	1,308,500	2,946,740	594,000	1,561,684	219,900	769,040	68,100	256,979
2021-2022 .....	4,465,382	1,522,000	3,136,524	750,000	1,931,817	331,400	967,525	62,930	274,394
2022-2023 .....	4,276,123	1,477,000	3,021,152	749,500	1,686,632	322,800	795,571	(NA)	(NA)

(NA) Not available.

### Soybean Production by Year, Stocks by Quarter, and Price by Month Iowa: 2018-2023



## 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 September 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: 2018-2022

Year	September	October	November	Final
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
2021 .....	1,732	1,800	1,894	1,890
2022 .....	1,585	1,653	1,785	1,780

### Soybeans, Frequency of Farmer Reported Row Widths – Iowa: 2018-2022

Year	Less than 7.5 inches <sup>1</sup>	7.5 inches	15 inches	30 inches	More than 30 inches
2018 .....	1	11	77	88	3
2019 .....	1	9	51	66	0
2020 .....	1	8	63	85	3
2021 .....	2	3	61	69	1
2022 .....	0	4	74	71	1

<sup>1</sup> Includes broadcast soybeans.

### Soybeans, Percentage Distribution by Measured Row Width and Average Row Width – Iowa: 2018-2022

Year	Number of samples	Row width (inches)					Average row width <sup>1</sup>
		10.0 or less <sup>1</sup>	10.1-18.5	18.6-28.5	28.6-34.5	34.6 or greater	
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
2021 .....	136	1.5	37.5	11.0	49.3	0.7	23.6
2022 .....	153	2.9	39.9	8.2	49.0	0.0	23.0

<sup>1</sup> 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: 2018-2022

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep <sup>1</sup>	Oct	Nov	Dec	Marketing year average <sup>2</sup>
(dollars per bushel)													
<b>Iowa</b>													
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	11.10
2021 .....	11.30	12.70	13.30	13.80	14.80	14.70	14.40	13.70	12.30	11.90	12.20	12.50	13.40
2022 .....	12.90	14.50	15.00	15.40	15.90	16.20	15.50	15.30	14.20	13.40	14.20	14.50	(NA)
<b>United States</b>													
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	10.60	10.80
2021 .....	10.90	12.70	13.20	13.90	14.80	14.50	14.10	13.70	12.20	11.90	12.10	12.50	13.30
2022 .....	12.90	14.70	15.40	15.80	16.10	16.40	15.50	15.30	14.10	13.50	14.00	14.40	(NA)

(NA) Not available.

<sup>1</sup> Soybean marketing season is from September 1 through August 31 of the following year.

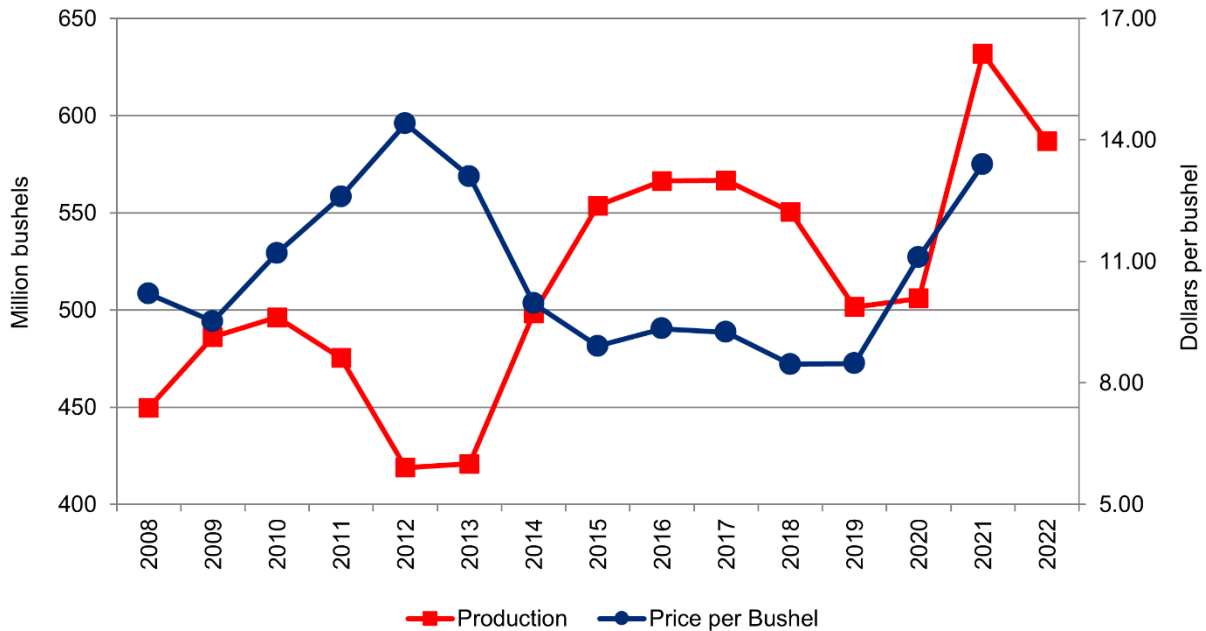
<sup>2</sup> Market year average price does not include any grain forfeited to CCC. For crops, market year prices are computed by weighting monthly prices by estimated monthly marketings.

### Soybean Prices Received – Iowa by District: Market Year Average 2017-2021

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

Year	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast
(dollars per bushel)									
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
2020-2021 .....	10.51	10.67	10.51	11.66	11.04	11.86	11.04	10.80	11.06
2021-2022 .....	12.99	13.01	13.11	13.76	13.29	13.83	13.23	13.01	13.72

### Soybean Production and Market Year Average Prices Iowa: 2008-2022



## 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.

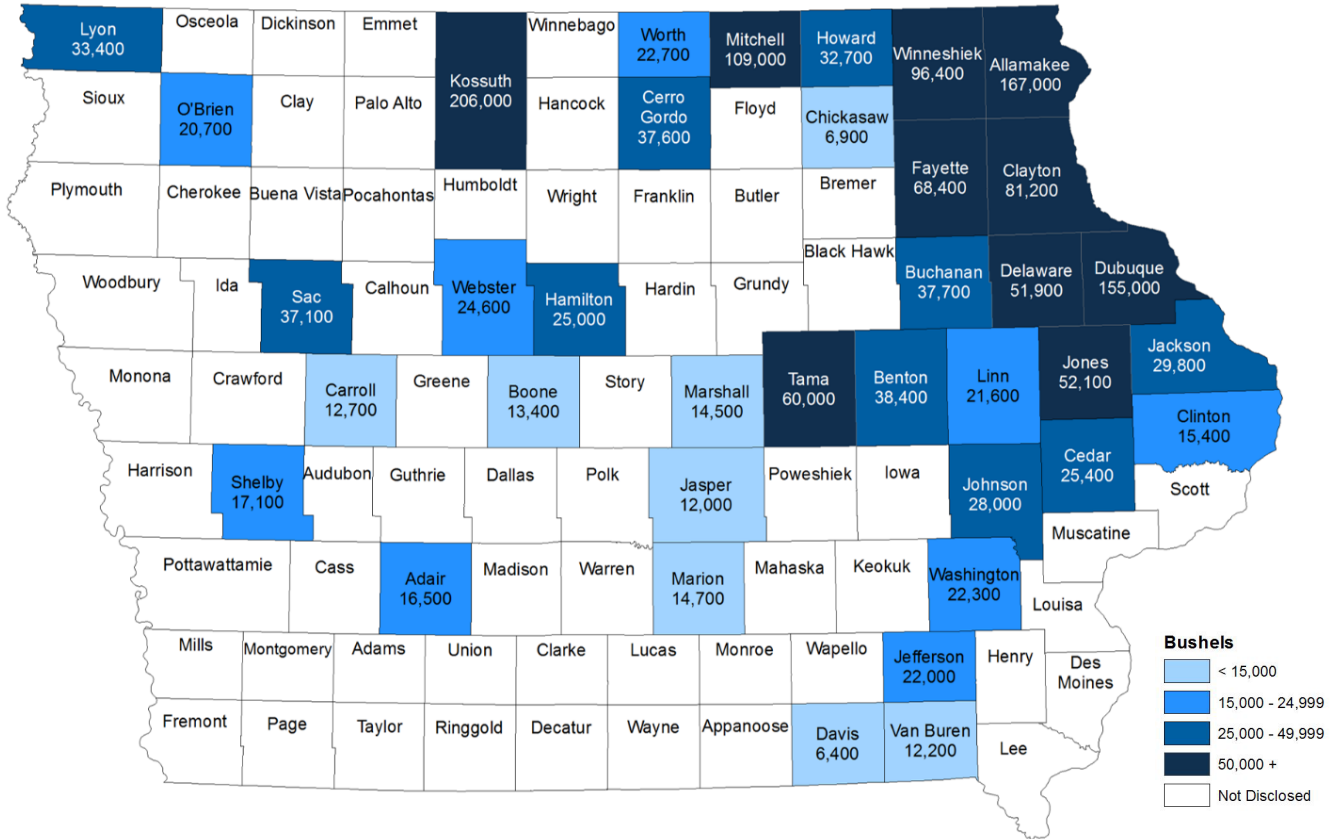
### Soybean Biotechnology Varieties, Percent of All Planted Acres – Iowa and United States: 2014-2023

Year	Acres planted (1,000 acres)	Herbicide resistant (percent)	All biotech varieties (percent)
<b>Iowa</b>			
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 .....	9,450	93	93
2021 .....	10,100	97	97
2022 .....	10,100	97	97
2023 .....	9,700	97	97
<b>United States</b>			
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 .....	83,354	94	94
2021 .....	87,195	95	95
2022 .....	87,450	95	95
2023 .....	83,505	95	95

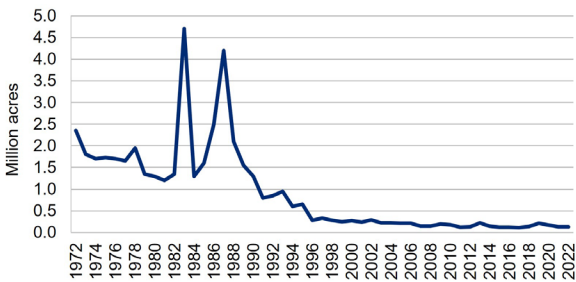


# Oat Production – Iowa 2022

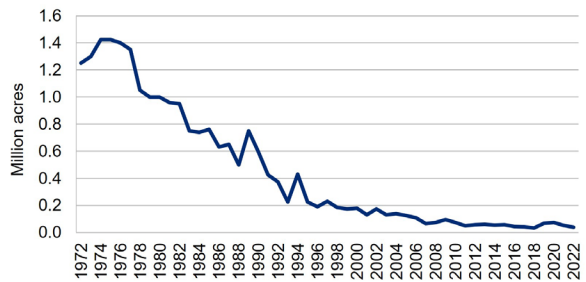
State Total: 3,200,000 Bushels



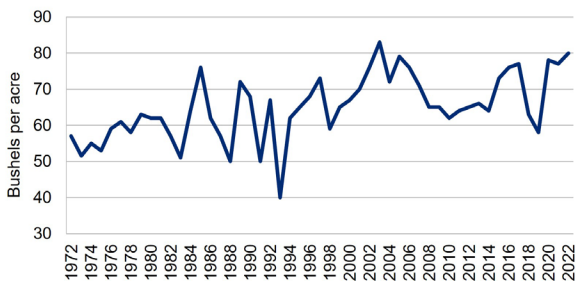
**Oats, Planted Acres**  
Iowa: 1972-2022



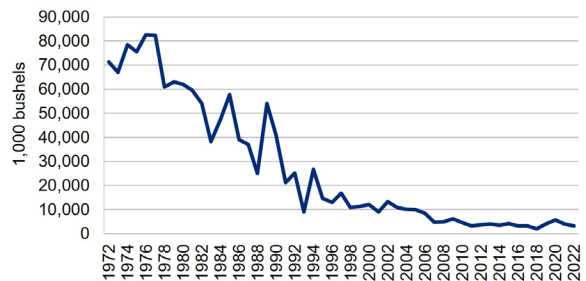
**Oats, Harvested Acres**  
Iowa: 1972-2022



**Oats, Yield per Acre**  
Iowa: 1972-2022



**Oats, Production**  
Iowa: 1972-2022



## Oat Prices Received by Farmers by Month – Iowa and United States: 2018-2022

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

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing year average <sup>1</sup>
(dollars per bushel)													
<b>Iowa</b>													
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
2021 .....	3.75	3.87	4.19	3.55	3.44	3.67	3.69	3.84	4.18	5.46	4.22	5.75	4.25
2022 .....	4.59	6.48	6.32	5.94	(D)	6.31	6.08	5.32	5.26	(D)	(D)	(D)	5.41
<b>United States</b>													
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
2021 .....	3.00	3.11	3.07	3.41	3.42	3.42	3.60	3.63	3.73	4.30	4.81	5.65	4.55
2022 .....	5.68	6.05	5.89	6.48	6.35	6.61	5.68	4.62	4.43	4.38	4.36	4.54	4.57

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

<sup>1</sup> Market year average price does not include any grain forfeited to CCC. For crops, market year prices are computed by weighting monthly prices by estimated monthly marketings.

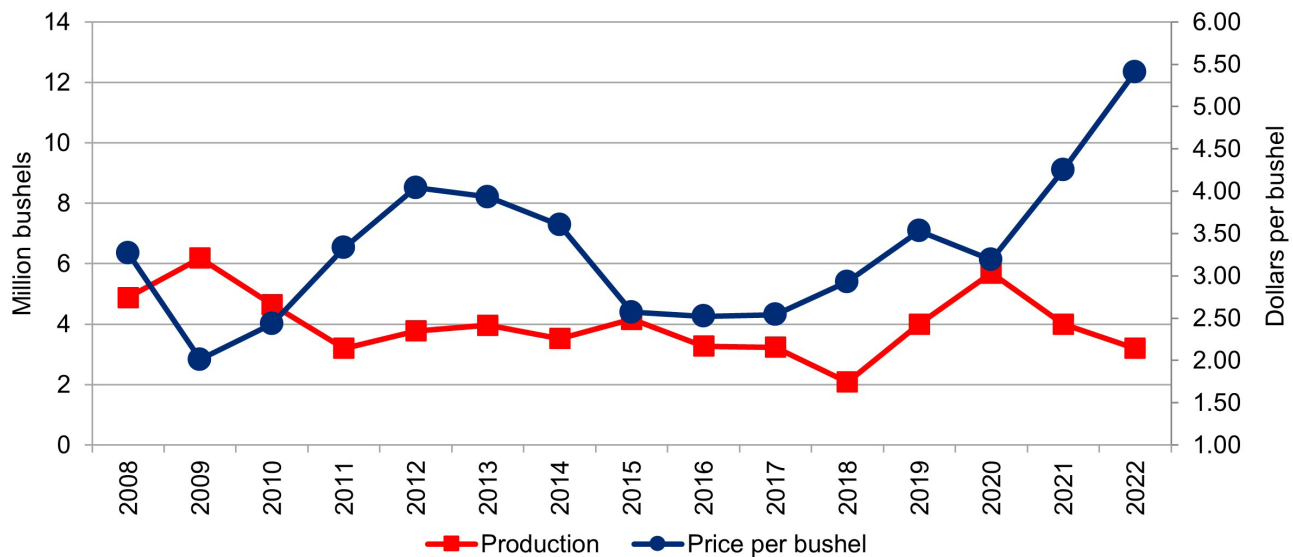
## Oat Prices Received by Farmers – Iowa by District: Market Year Average 2017-2021

[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)									
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
2020-2021 .....	2.90	2.64	3.36	4.00	3.27	3.34	(D)	(D)	3.80
2021-2022 .....	4.40	4.30	4.12	3.29	4.69	4.72	(D)	(D)	(D)

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

## Oat Production and Market Year Average Prices Iowa: 2008-2022



## Oat Prices Received by Farmers by Month – Iowa and United States: 2018-2022

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

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing year average <sup>1</sup>
(dollars per bushel)													
<b>Iowa</b>													
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
2021 .....	3.75	3.87	4.19	3.55	3.44	3.67	3.69	3.84	4.18	5.46	4.22	5.75	4.25
2022 .....	4.59	6.48	6.32	5.94	(D)	6.31	6.08	5.32	5.26	(D)	(D)	(D)	5.41
<b>United States</b>													
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
2021 .....	3.00	3.11	3.07	3.41	3.42	3.42	3.60	3.63	3.73	4.30	4.81	5.65	4.55
2022 .....	5.68	6.05	5.89	6.48	6.35	6.61	5.68	4.62	4.43	4.38	4.36	4.54	4.57

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

<sup>1</sup> Market year average price does not include any grain forfeited to CCC. For crops, market year prices are computed by weighting monthly prices by estimated monthly marketings.

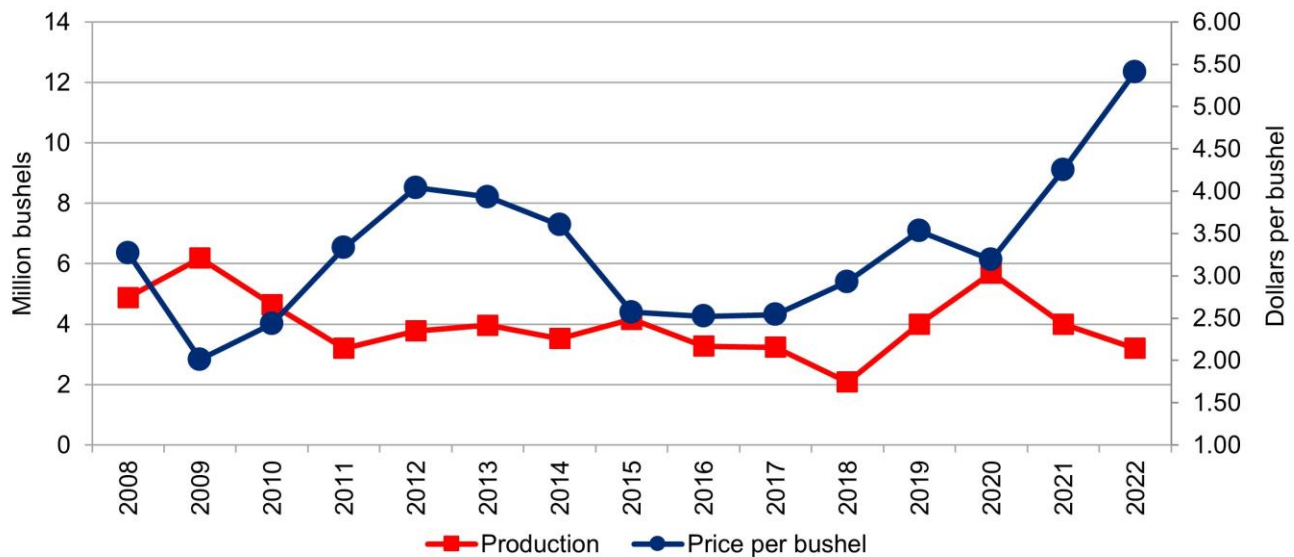
## Oat Prices Received by Farmers – Iowa by District: Market Year Average 2017-2021

[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)									
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
2020-2021 .....	2.90	2.64	3.36	4.00	3.27	3.34	(D)	(D)	3.80
2021-2022 .....	4.40	4.30	4.12	3.29	4.69	4.72	(D)	(D)	(D)

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

## Oat Production and Market Year Average Prices Iowa: 2008-2022



## Alfalfa Hay, Prices Received by Farmers by Month – Iowa and United States: 2018-2022

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

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing year average <sup>1</sup>
(dollars per ton)													
<b>Iowa</b>													
2018 .....	116	110	127	142	126	119	106	110	114	140	127	145	135
2019 .....	135	141	150	155	168	141	123	121	123	143	152	149	130
2020 .....	130	119	116	121	123	113	112	121	129	123	122	122	124
2021 .....	121	132	125	120	147	166	169	161	157	184	195	172	169
2022 .....	165	156	165	171	181	157	160	151	181	174	176	186	176
<b>United States</b>													
2018 .....	153	155	165	183	189	182	179	177	179	176	173	179	180
2019 .....	179	180	186	198	201	192	183	179	179	177	169	172	179
2020 .....	169	168	172	180	179	178	172	171	168	169	164	166	171
2021 .....	168	171	177	185	207	207	206	210	214	219	213	217	216
2022 .....	215	220	228	257	268	263	278	276	280	281	267	268	273

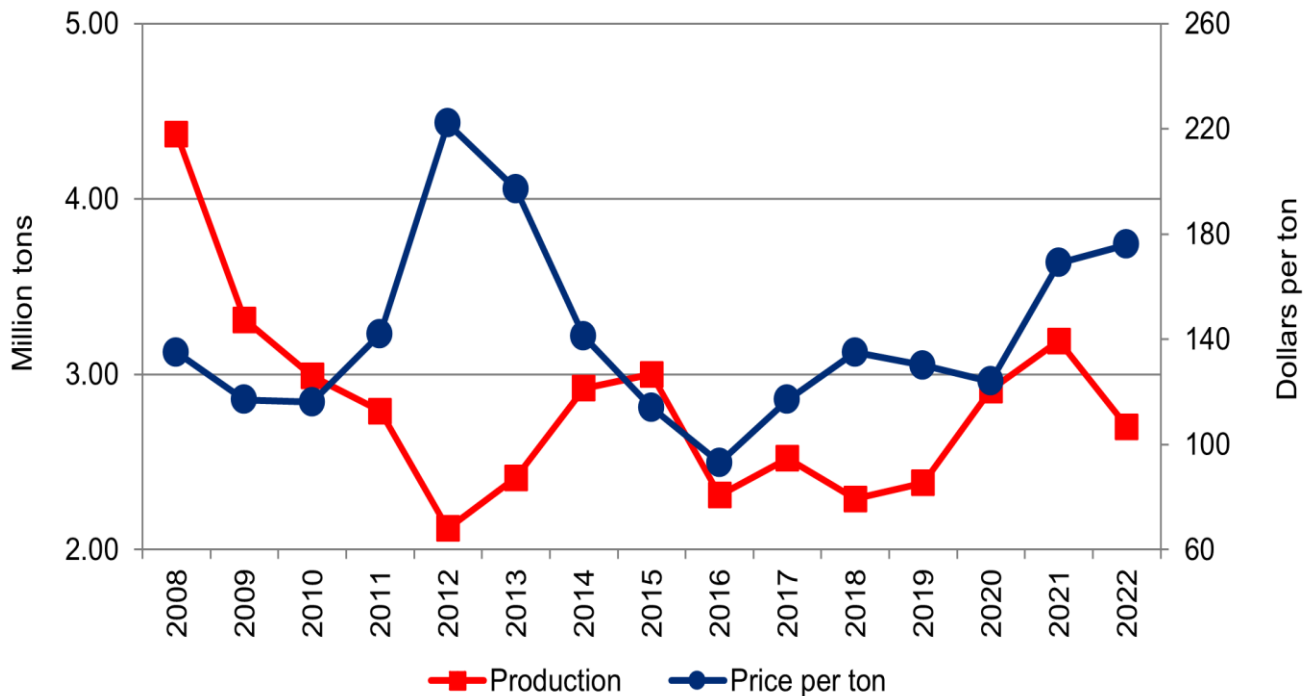
<sup>1</sup> Market year prices are computed by weighting monthly prices by estimated monthly marketings.

## All Hay Prices Received by Farmers – Iowa by District: Market Year Average 2018-2022

[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)									
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
2021-2022 .....	176	158	130	135	120	173	115	96	108
2022-2023 .....	200	166	125	165	134	173	123	129	144

## Alfalfa Hay Production and Market Year Average Prices Iowa: 2008-2022



## Fertilizer Tonnage Distribution – Iowa: 2022 Crop Year

[Totals may not add due to rounding.]

Fertilizer	Total <sup>1</sup>	Nitrogen	Phosphorus	Potassium	Sulfur
<b>Most popular straight materials</b>					
Ammonium nitrate .....	639	33	0	0	0
Ammonium sulfate .....	103,664	21	0	0	24
Ammonium thiosulfate .....	74,030	12	0	0	26
Anhydrous ammonia .....	790,648	82	0	0	0
Nitrogen solution 28% .....	195,647	28	0	0	0
Nitrogen solution 32% .....	872,810	32	0	0	0
Urea .....	203,727	46	0	0	0
<b>Ammonium phosphates</b>					
8-24-0-0 liquid .....	1,878	8	24	0	0
10-34-0-0 liquid .....	14,517	10	34	0	0
11-52-0-0 dry .....	398,782	11	52	0	0
12-40-0-10 dry .....	123,474	12	40	0	10
18-46-0-0 dry .....	154,965	18	46	0	0
Muriate of potash .....	1,207,729	0	0	61	0
Triple superphosphate .....	44,578	0	46	0	0
Other straight materials .....	535,141	0	0	0	0
<b>Total straight materials .....</b>	<b>4,722,229</b>				
<b>Most popular mixed grades</b>					
2-6-35 .....	3,235	2	6	35	
3-10-30 .....	10,969	3	10	30	
3-18-18 .....	2,130	3	18	18	
4-10-10 .....	2,515	4	10	10	
6-24-06 .....	11,664	6	25	6	
7-18-06 .....	753	7	18	6	
7-21-07 .....	910	7	21	7	
8-19-03 .....	2,821	8	19	3	
9-18-09 .....	3,547	9	18	9	
9-23-30 .....	45	9	23	30	
13-13-13 .....	656	13	13	13	
Other mixed materials .....	512,116	0	0	0	
<b>Total mixed grades .....</b>	<b>551,361</b>				
<b>Grand total .....</b>	<b>5,273,590</b>				
<b>Total micronutrients<sup>2</sup> .....</b>	<b>158,506</b>				

<sup>1</sup>Numbers may vary slightly from previous years due to changes in reporting requirements.

<sup>2</sup>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 US
<b>Livestock on Hand</b>												
All cattle and calves – January 1, 2023	TX	NE	KS	CA	OK	MO	<b>IA</b>	SD	WI	CO	7	4
Beef cows that have calved – January 1, 2023	TX	OK	MO	NE	SD	KS	MT	KY	FL	ND	12	3
Milk cows that have calved – January 1, 2023	CA	WI	ID	TX	NY	PA	MN	MI	NM	WA	12	3
Cattle & calves on feed – January 1, 2023	(Tied) NE & TX		KS	<b>IA</b>	CO	CA	SD	MN	ID	OK	4	8
All hogs – December 1, 2022	<b>IA</b>	MN	NC	IL	IN	NE	MO	OH	OK	SD	1	32
All sheep and lambs – January 1, 2023	TX	CA	CO	WY	UT	SD	ID	MT	<b>IA</b>	OR	9	3
All layers – December 1, 2022	<b>IA</b>	OH	IN	PA	TX	GA	MI	AR	NC	MO	1	11

### Livestock Production by Pounds Produced

Commercial red meat production – 2022	<b>IA</b>	NE	KS	TX	IL	MN	NC	CO	MO	IN	1	15
Milk production – 2022	CA	WI	ID	TX	NY	MI	MN	PA	NM	WA	11	3
Wool production – 2022	CA	WY	CO	UT	SD	ID	MT	TX	(Tied) <b>IA &amp; OR</b>		9	4

### Livestock Numbers Produced, Raised, or Marketed

Calf crop – 2022	TX	CA	MO	OK	SD	NE	WI	KS	MT	<b>IA</b>	10	3
Calf marketings – 2022	MO	FL	SD	KY	WI	OK	CA	TN	NY	TX	24	1
Cattle marketings – 2022	NE	TX	KS	OK	<b>IA</b>	CO	CA	SD	MT	ID	5	6
Hog marketings – 2022	<b>IA</b>	MN	NC	IL	MO	IN	OK	NE	SD	KS	1	29
Pig crop – 2022	<b>IA</b>	NC	MN	IL	MO	NE	OK	SD	IN	OH	1	17
Lamb crop – 2022	TX	WY	UT	CA	SD	CO	MT	ID	<b>IA</b>	OR	9	4
Egg production – 2022	<b>IA</b>	OH	IN	PA	TX	GA	MI	AR	MO	NC	1	11
Turkeys raised – 2022	MN	NC	AR	IN	MO	VA	<b>IA</b>	PA	CA	OH	7	6



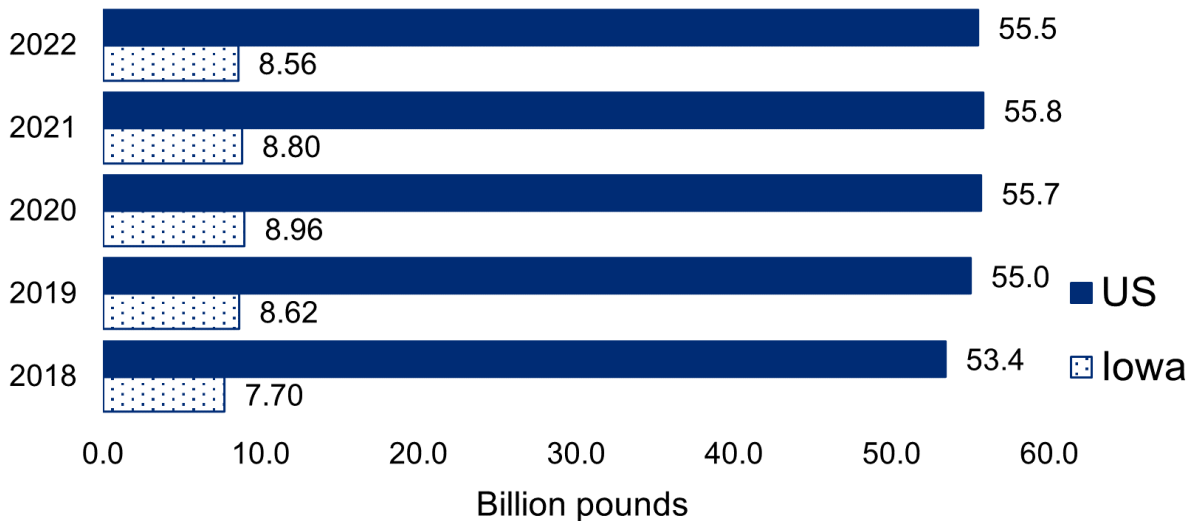
## Livestock, Record Highs and Lows – Iowa

Item	Unit	Record high		Record low		Year record started
		Quantity	Year	Quantity	Year	
<b>CATTLE</b>						
Inventory January 1	1,000 head	7,800	1978	969	1867	1867
Calf crop	1,000 head	2,230	1972	1,010	2013	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
<b>HOGS</b>						
Inventory December 1	1,000 head	24,600	2020	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
<b>SHEEP</b>						
Inventory January 1	1,000 head	1,975	1942	151	2020	1920
Lamb crop	1,000 head	1,127	1942	110	2018	1924
<b>CHICKENS</b>						
Average layers on hand <sup>1</sup>	1,000 head	59,381	2014	5,846	1986	1964
Egg production total for year <sup>2</sup>	million eggs	17,084	2019	1,600	1985	1924

<sup>1</sup> Includes both table egg and hatching egg flocks regardless of size.

<sup>2</sup> Includes both hatching and table egg production.

## Commercial Red Meat Production Iowa and United States: 2018-2022



**Cattle and Calves, Number by Class – Iowa by County: January 1, 2022-2023 <sup>1</sup>**

County by district	All cattle and calves		Beef cows that have calved		Milk cows that have calved	
	2022	2023	2022	2023	2022	2023
	(head)	(head)	(head)	(head)	(head)	(head)
<b>Northwest</b>						
Buena Vista .....	24,500	23,500	–	–	–	–
Cherokee .....	64,000	61,000	–	–	–	–
Clay .....	28,500	27,000	4,900	4,700	–	–
Dickinson .....	21,000	19,700	–	–	–	–
Emmet .....	15,400	14,600	5,500	5,200	–	–
Lyon .....	190,000	175,000	13,200	12,600	10,500	11,300
O'Brien .....	66,000	62,000	6,800	6,500	8,800	9,400
Osceola .....	46,000	43,500	3,900	3,700	5,800	6,100
Palo Alto .....	23,500	22,000	2,600	2,400	200	300
Plymouth .....	110,000	105,000	–	–	–	–
Pocahontas .....	15,400	14,700	1,700	1,600	2,200	2,300
Sioux .....	405,000	385,000	14,900	14,200	36,500	39,000
<b>North Central</b>						
Butler .....	24,000	22,500	7,300	6,900	1,700	1,800
Cerro Gordo .....	9,300	8,900	–	–	–	–
Floyd .....	25,000	23,500	4,000	3,800	1,700	1,800
Franklin .....	10,000	9,400	–	–	–	–
Hancock .....	9,200	8,700	2,500	2,400	200	200
Humboldt .....	11,000	10,400	–	–	–	–
Kossuth .....	25,000	23,500	–	–	–	–
Mitchell .....	54,000	52,000	5,000	4,800	3,800	4,100
Winnebago .....	7,600	7,200	1,400	1,300	–	–
Worth .....	7,600	7,200	2,500	2,300	200	200
Wright .....	6,500	6,100	2,300	2,200	–	–
<b>Northeast</b>						
Allamakee .....	66,000	63,000	18,600	17,700	13,400	14,300
Black Hawk .....	16,300	15,500	3,600	3,400	900	1,000
Bremer .....	24,500	23,000	4,100	3,900	2,800	3,000
Buchanan .....	22,000	21,000	4,600	4,300	2,200	2,400
Chickasaw .....	34,000	32,000	5,800	5,500	2,300	2,400
Clayton .....	71,000	67,000	18,100	17,300	12,000	12,800
Delaware .....	120,000	115,000	12,800	12,200	9,000	9,600
Dubuque .....	130,000	120,000	14,100	13,400	22,500	24,000
Fayette .....	47,500	45,000	9,200	8,800	6,100	6,500
Howard .....	32,000	30,500	4,800	4,500	3,200	3,400
Winneshiek .....	92,000	87,000	12,100	11,500	16,900	18,000
<b>West Central</b>						
Audubon .....	29,000	27,500	6,800	6,400	–	–
Calhoun .....	18,900	17,800	5,500	5,300	–	–
Carroll .....	58,000	55,000	10,300	9,800	–	–
Crawford .....	52,000	49,500	18,000	17,200	–	100
Greene .....	18,900	17,800	4,600	4,400	–	–
Guthrie .....	31,000	29,500	–	–	–	–
Harrison .....	25,500	24,000	9,800	9,300	–	–
Ida .....	48,500	46,000	7,700	7,300	1,400	1,500
Monona .....	25,000	24,000	6,900	6,500	–	–
Sac .....	40,500	38,500	8,700	8,300	400	500
Shelby .....	38,500	36,500	–	–	–	–
Woodbury .....	75,000	71,000	–	–	–	–
<b>Central</b>						
Boone .....	14,000	13,300	3,900	3,700	–	–
Dallas .....	21,500	20,500	–	–	–	–
Grundy .....	27,000	25,500	3,900	3,700	600	600
Hamilton .....	2,500	2,400	1,500	1,400	200	200
Hardin .....	36,000	34,500	8,800	8,300	100	100
Jasper .....	24,500	23,500	8,700	8,300	400	400
Marshall .....	31,000	29,500	–	–	–	–
Polk .....	8,400	7,900	2,800	2,700	–	–
Poweshiek .....	32,500	30,500	–	–	–	–
Story .....	16,200	15,300	–	–	–	–
Tama .....	40,500	38,000	15,100	14,300	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, 2022-2023 <sup>1</sup>**

County by district	All cattle and calves		Beef cows that have calved		Milk cows that have calved	
	2022	2023	2022	2023	2022	2023
	(head)	(head)	(head)	(head)	(head)	(head)
<b>East Central</b>						
Benton .....	35,500	33,500	11,500	10,900	4,600	4,800
Cedar .....	23,000	22,000	8,100	7,700	200	200
Clinton .....	68,000	64,000	15,200	14,400	3,700	3,900
Iowa .....	38,000	36,000	13,300	12,600	200	200
Jackson .....	95,000	90,000	23,000	22,000	4,600	4,900
Johnson .....	28,000	26,500	10,900	10,400	1,900	2,000
Jones .....	65,000	62,000	15,700	14,900	1,500	1,600
Linn .....	30,000	28,500	12,300	11,700	1,200	1,300
Muscatine .....	14,400	13,700	5,500	5,200	100	200
Scott .....	19,900	18,800	4,200	4,000	500	500
<b>Southwest</b>						
Adair .....	46,500	43,500	–	–	–	–
Adams .....	28,000	26,500	12,600	11,900	–	–
Cass .....	41,000	38,500	–	–	–	–
Fremont .....	13,100	12,400	3,500	3,300	–	–
Mills .....	3,500	3,300	–	–	–	–
Montgomery .....	22,500	21,500	–	–	–	–
Page .....	30,000	28,500	11,600	11,000	–	–
Pottawattamie .....	72,000	68,000	–	–	–	–
Taylor .....	33,000	31,500	–	–	–	–
<b>South Central</b>						
Appanoose .....	28,500	27,000	15,000	14,200	200	200
Clarke .....	34,500	32,500	16,200	15,400	–	–
Decatur .....	44,500	42,000	–	–	–	–
Lucas .....	32,000	30,000	17,300	16,500	–	–
Madison .....	28,000	26,500	15,200	14,400	–	–
Marion .....	26,500	25,000	11,000	10,400	400	500
Monroe .....	32,000	30,000	–	–	–	–
Ringgold .....	51,000	48,000	25,500	24,500	–	–
Union .....	39,500	37,500	18,700	17,700	–	–
Warren .....	19,400	18,300	11,400	10,800	–	–
Wayne .....	30,000	28,500	14,100	13,400	300	300
<b>Southeast</b>						
Davis .....	29,500	28,000	14,500	13,700	2,100	2,300
Des Moines .....	7,300	6,900	–	–	–	–
Henry .....	16,800	15,900	–	–	–	–
Jefferson .....	12,900	12,200	4,800	4,600	200	200
Keokuk .....	29,000	27,500	12,700	12,100	–	–
Lee .....	19,400	18,300	8,200	7,800	600	600
Louisa .....	5,500	5,200	–	–	–	–
Mahaska .....	31,000	29,000	8,900	8,500	200	200
Van Buren .....	21,500	20,000	11,300	10,700	700	700
Wapello .....	15,100	14,300	–	–	–	–
Washington .....	20,000	18,900	9,500	9,000	900	1,000
<b>Other counties</b> .....	(X)	(X)	234,000	222,300	34,300	36,500
<b>Iowa</b> .....	3,860,000	3,650,000	905,000	860,000	225,000	240,000

(X) Not applicable.

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

<sup>1</sup> Livestock county estimates are 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 new methodology are available at: [www.nass.usda.gov/Data\\_and\\_Statistics/County\\_Data-Files/Livestock\\_County\\_Estimates/index.php](http://www.nass.usda.gov/Data_and_Statistics/County_Data-Files/Livestock_County_Estimates/index.php)

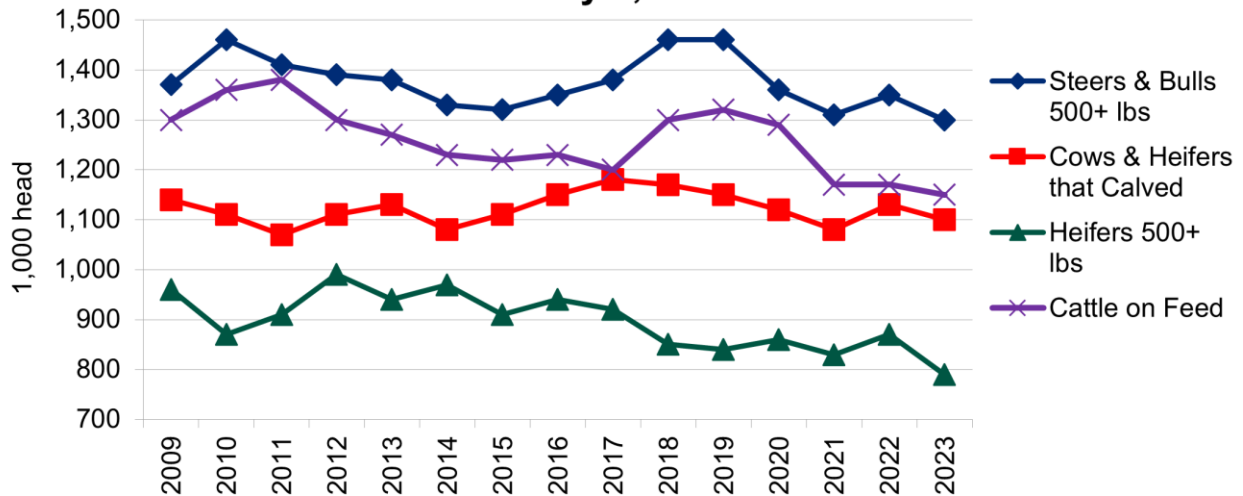
### Cattle and Calves Inventory – Iowa and United States: January 1, 2019-2023

Year	All cattle and calves inventory	Cattle on feed	Cows		Calf crop previous year	Heifers 500 pounds and over			Steers 500 pounds and over	Bulls 500 pounds and over	All calves less than 500 pounds
			Milk	Beef		Milk replacement	Beef replacement	Other			
(1,000 head)											
<b>Iowa</b>											
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 .....	3,700	1,170	220	860	1,030	125	155	550	1,250	60	480
2022 .....	3,860	1,170	225	905	1,130	120	160	590	1,290	60	510
2023 .....	3,650	1,150	240	860	1,070	120	130	540	1,240	60	460
<b>United States</b>											
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 .....	93,790	14,667	9,442	30,844	35,496	4,609	5,803	9,789	16,788	2,211	14,305
2022 .....	92,077	14,695	9,377	29,983	35,166	4,441	5,482	9,994	16,705	2,110	13,986
2023 .....	89,274	14,157	9,403	28,918	34,465	4,337	5,164	9,672	16,132	2,029	13,621

### All Cattle and Calves Value – Iowa and United States: January 1, 2019-2023

	Iowa		United States	
	Dollars per head	Total value (billion dollars)	Dollars per head	Total value (billion dollars)
2019 .....	1,130	4.46	1,031	97.7
2020 .....	1,100	4.24	1,026	96.2
2021 .....	1,130	4.18	1,039	97.5
2022 .....	1,220	4.71	1,112	102.4
2023 .....	1,420	5.18	1,236	110.4

### Cattle and Calves Inventory Iowa: January 1, 2009-2023



**Cattle and Calves Inventory, Supply, and Disposition – Iowa and United States: 2018-2022**

Year	Inventory January 1	Calf crop	Inshipments	Marketings		Farm slaughter	Cattle and calf deaths
				Cattle	Calves		
(1,000 head)							
<b>Iowa</b>							
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	2,357	101	3	180
2021 .....	3,700	1,130	1,655	2,348	100	2	175
2022 .....	3,860	1,070	1,595	2,608	101	2	165
<b>United States</b>							
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	35,496	21,037	45,058	7,415	123	3,940
2021 .....	93,790	35,166	21,634	46,761	7,721	118	3,913
2022 .....	92,077	34,465	21,086	46,915	7,516	119	3,804

**Cattle and Calves, Production and Income – Iowa and United States: 2018-2022**

Year	Production	Marketings	Value of production	Cash receipts	Value of home consumption	Gross income
	(1,000 pounds)	(1,000 pounds)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Iowa</b>						
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 .....	2,102,862	3,351,900	2,316,457	3,707,826	14,401	3,722,227
2021 .....	2,169,345	3,314,208	2,758,913	4,096,344	16,911	4,113,255
2022 .....	2,265,536	3,665,400	3,385,374	5,299,680	18,001	5,317,681
<b>United States</b>						
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 .....	45,595,215	58,987,119	45,947,044	63,090,155	442,670	63,532,825
2021 .....	45,943,456	61,196,546	51,924,753	72,682,796	477,995	73,160,791
2022 .....	45,711,991	61,583,887	61,943,680	86,055,031	573,240	86,628,271

**Cattle and Calves, Market Year Average Price Received – United States: 2018-2022**

Market year	Steers and heifers	Cattle 500 pounds and over	Calves	Cows
(dollars per cwt)				
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
2021 .....	124.00	121.00	171.00	70.20
2022 .....	145.00	142.00	195.00	83.70

## Estimated Returns to Finishing Steer Calves – Iowa

[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.]

Purchased month Sale month	Production period			
	March 2022 November 2022	April 2022 December 2022	May 2022 January 2023	June 2022 February 2023
<b>560 lb Steer Calf</b>				
Purchase price .....\$ per cwt	197.16	192.46	196.83	195.26
Purchase cost .....\$ per head	1,104.11	1,077.78	1,102.28	1,093.46
<b>Cost of Producing 1,300 lb Finished Steer</b>				
Feed costs				
Corn .....\$ per head	383.03	377.90	371.76	366.27
Modified distiller grain .....\$ per head	202.89	200.53	200.15	202.00
Hay .....\$ per head	106.81	106.73	106.99	106.37
Supplement & mineral .....\$ per head	44.73	45.66	46.21	46.67
Total .....\$ per head	737.45	730.82	725.11	721.31
Nonfeed costs				
Variable costs .....\$ per head	119.36	118.28	132.10	131.93
Operating interest .....\$ per head	47.92	47.18	48.06	47.72
Fixed costs .....\$ per head	52.08	52.08	52.08	52.08
Total .....\$ per head	219.36	217.55	232.24	231.73
<b>Returns to Marketing 1,300 lb Finished Steer</b>				
Death loss .....\$ per head	27.18	27.78	27.82	28.61
Total costs .....\$ per head	2,088.10	2,053.93	2,087.45	2,075.11
Breakeven price .....\$ per live cwt	160.62	157.99	160.57	159.62
Selling price .....\$ per live cwt	154.07	157.04	157.16	161.09
Sales value .....\$ per head	2,002.91	2,041.52	2,043.08	2,094.17
Profit (loss) .....\$ per head	(85.19)	(12.41)	(44.37)	19.06
Manure credit .....\$ per head	25.41	24.73	22.61	21.00
Total profit (loss) .....\$ per head	(59.78)	12.32	(21.76)	40.07

Source: Department of Economics, Iowa State University Extension and Outreach.

## Estimated Returns to Finishing Yearling Steers – Iowa

[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.]

Purchased month Sale month	Production period			
	June 2022 November 2022	July 2022 December 2022	August 2022 January 2023	September 2022 February 2023
<b>750 lb Feeder Steer</b>				
Purchase price .....\$ per cwt	168.35	185.94	185.17	183.96
Purchase cost .....\$ per head	1,262.66	1,394.59	1,388.75	1,379.71
<b>Cost of Producing 1,300 lb Finished Steer</b>				
Feed costs				
Corn .....\$ per head	302.44	295.20	291.45	288.10
Modified distiller grain .....\$ per head	135.18	136.33	140.89	145.34
Hay .....\$ per head	51.52	49.80	51.41	52.28
Supplement & mineral .....\$ per head	28.75	29.17	29.46	29.99
Total .....\$ per head	517.90	510.49	513.22	515.70
Nonfeed costs				
Variable costs .....\$ per head	84.54	83.15	91.20	90.85
Operating interest .....\$ per head	31.21	35.32	35.30	35.13
Fixed costs .....\$ per head	33.22	33.22	33.22	33.22
Total .....\$ per head	148.97	151.68	159.71	159.20
<b>Returns to Marketing 1,300 lb Finished Steer</b>				
Death loss .....\$ per head	18.66	19.07	19.08	19.58
Total costs .....\$ per head	1,948.19	2,075.84	2,080.76	2,074.20
Breakeven price .....\$ per live cwt	149.86	159.68	160.06	159.55
Selling price .....\$ per live cwt	154.07	157.04	157.16	161.09
Sales value .....\$ per head	2,002.91	2,041.52	2,043.08	2,094.17
Profit (loss) .....\$ per head	54.72	(34.32)	(37.68)	19.97
Manure credit .....\$ per head	16.17	15.74	14.39	13.37
Total profit (loss) .....\$ per head	70.89	(18.58)	(23.29)	33.34

Source: Department of Economics, Iowa State University Extension and Outreach.

### Commercial Cattle Slaughter, Number of Head by Month – United States: 2013-2022

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
	(1,000 head)												
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
2021 .....	2,746	2,526	3,008	2,852	2,703	2,955	2,850	2,887	2,790	2,850	2,860	2,824	33,850
2022 .....	2,703	2,687	3,016	2,813	2,816	3,045	2,780	3,076	2,898	2,903	2,905	2,685	34,325

<sup>1</sup> Totals may not add due to rounding.

### Commercial Cattle Slaughter, Total Live Weight by Month – United States: 2013-2022

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
	(million pounds)												
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
2021 .....	3,834	3,503	4,119	3,888	3,667	3,969	3,834	3,900	3,800	3,914	3,944	3,922	46,294
2022 .....	3,770	3,738	4,166	3,854	3,795	4,069	3,720	4,133	3,944	3,983	4,012	3,709	46,893

<sup>1</sup> Totals may not add due to rounding.

### Commercial Cattle Slaughter, Average Live Weight by Month – United States: 2013-2022

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	(pounds)												
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
2021 .....	1,399	1,390	1,372	1,366	1,360	1,346	1,349	1,354	1,365	1,376	1,382	1,392	1,371
2022 .....	1,398	1,395	1,384	1,373	1,351	1,339	1,341	1,348	1,364	1,375	1,384	1,384	1,369

**Number of Feedlots and Fed Cattle Marketed, by Size of Feedlot Capacity – Iowa and United States: 2017 <sup>1</sup>, 2020-2022**

	Feedlots <sup>1</sup>	Cattle marketed		
	2017	2020	2021	2022
	(1,000 head)			
<b>Iowa</b>				
Less than 1,000 head .....	4,671	721	652	676
1,000 head or more .....	271	1,001	1,030	1,022
<b>All feedlots</b> .....	<b>4,942</b>	<b>1,722</b>	<b>1,682</b>	<b>1,698</b>
<b>United States</b>				
Less than 1,000 head .....	26,000	3,270	3,320	3,325
1,000 head or more .....	2,179	21,892	22,522	22,590
<b>All feedlots</b> .....	<b>28,179</b>	<b>25,162</b>	<b>25,842</b>	<b>25,915</b>

<sup>1</sup> Feedlot information comes from the Census of Agriculture.

**Number of Cattle on Feed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2018-2022**

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)											
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
2021 .....	560	570	550	550	540	530	510	480	480	490	520	540
2022 .....	570	585	590	575	565	545	520	490	480	465	485	530

**Number of Cattle Placed on Feed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2018-2022**

Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	(1,000 head)											
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
2021 .....	69	61	36	68	58	50	45	37	59	68	77	75
2022 .....	62	85	71	42	48	46	33	56	38	44	67	94

<sup>1</sup> Previous year.

**Number of Cattle Marketed on Feed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2018-2022**

Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	(1,000 head)											
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
2021 .....	45	45	53	65	65	57	63	65	56	55	45	53
2022 .....	30	63	62	55	55	62	56	83	44	57	45	47

<sup>1</sup> Previous year.



**Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2018-2022**

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)											
<b>Iowa</b>												
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
2021 .....	610	620	630	630	630	620	600	600	590	600	610	610
2022 .....	600	610	620	620	620	620	610	610	610	620	630	630
<b>United States</b>												
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
2021 .....	11,967	12,106	12,000	11,897	11,731	11,704	11,295	11,074	11,234	11,550	11,948	11,985
2022 .....	12,042	12,209	12,193	12,145	12,022	11,901	11,405	11,289	11,342	11,509	11,736	11,693

**Number of Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2018-2022**

Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	(1,000 head)											
<b>Iowa</b>												
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
2021 .....	93	110	111	112	99	67	44	56	77	80	115	94
2022 .....	85	110	116	110	94	74	58	58	81	85	101	95
<b>United States</b>												
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
2021 .....	1,844	2,024	1,691	1,998	1,825	1,910	1,669	1,733	2,103	2,163	2,246	1,967
2022 .....	1,965	2,004	1,868	2,005	1,824	1,869	1,634	1,764	2,110	2,080	2,085	1,905

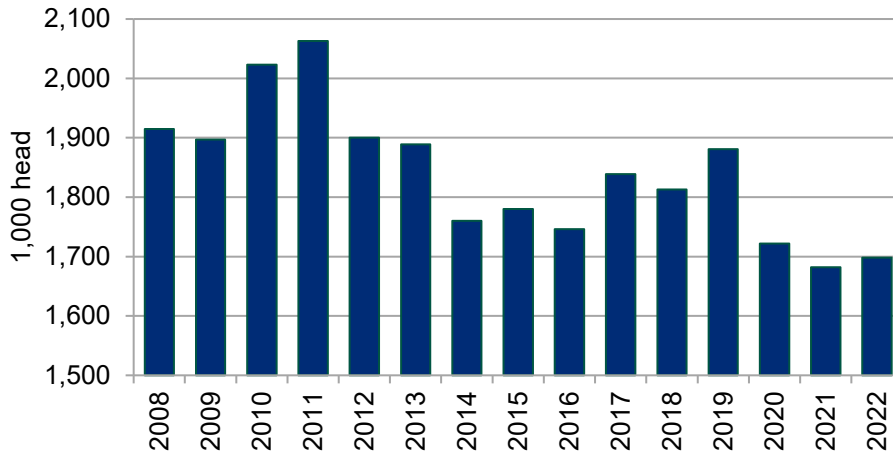
<sup>1</sup> Previous year.

**Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2018-2022**

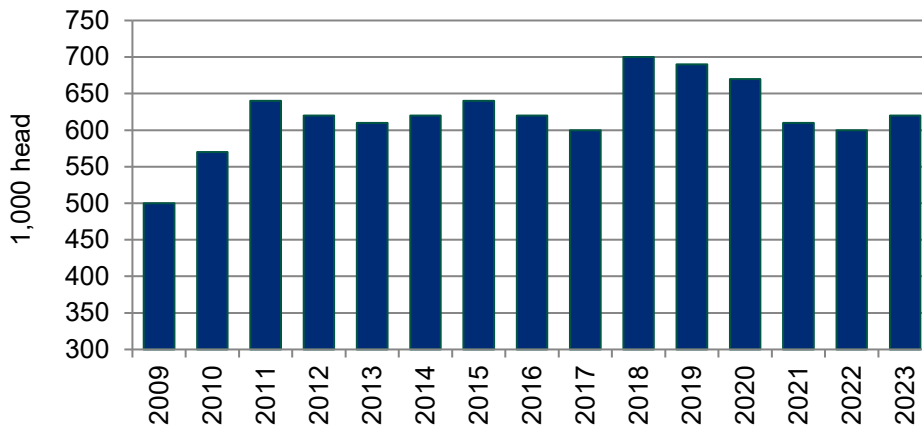
Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	(1,000 head)											
<b>Iowa</b>												
2018 .....	98	107	106	93	87	87	85	74	100	75	93	104
2019 .....	92	109	109	100	113	85	72	77	69	70	92	76
2020 .....	90	108	106	105	68	52	66	70	83	70	92	90
2021 .....	91	98	99	109	96	74	62	53	85	67	103	92
2022 .....	92	98	103	108	92	71	66	56	80	73	89	94
<b>United States</b>												
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
2021 .....	1,853	1,829	1,739	2,041	1,936	1,870	2,021	1,899	1,884	1,789	1,791	1,869
2022 .....	1,854	1,773	1,825	2,000	1,893	1,914	2,061	1,824	2,004	1,860	1,804	1,891

<sup>1</sup> Previous year.

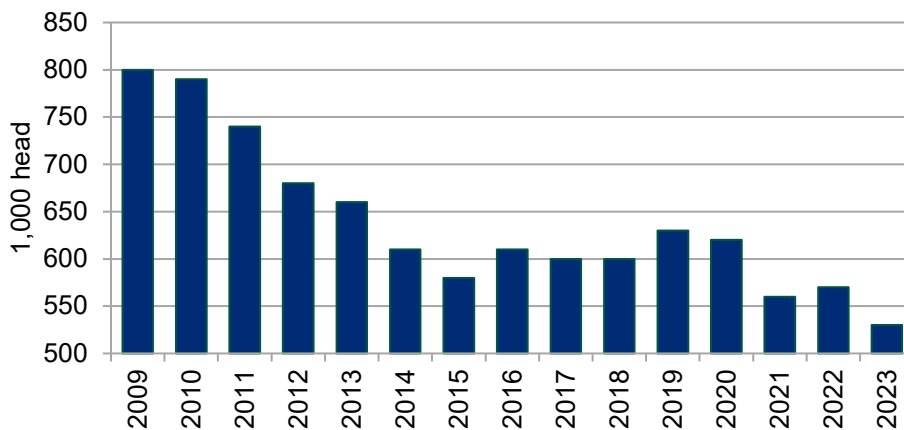
**Cattle Marketed from All Feedlots  
Iowa: 2008-2022**



**Cattle on Feed Inventory, 1,000+ Capacity Feedlots  
Iowa: January 1, 2009-2023**



**Cattle on Feed Inventory, < 1,000 Capacity Feedlots  
Iowa: January 1, 2009-2023**



## Milk Cows on Farms – United States: 2018-2022

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

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	(1,000 head)											
<b>Iowa</b>												
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
2021 .....	222	224	227	228	228	228	228	225	225	225	225	225
2022 .....	225	226	229	231	234	234	236	238	238	239	239	239
<b>United States</b>												
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 .....	9,367	9,382	9,396	9,380	9,362	9,358	9,373	9,383	9,398	9,419	9,437	9,447
2021 .....	9,452	9,467	9,483	9,500	9,507	9,501	9,483	9,438	9,405	9,388	9,384	9,376
2022 .....	9,367	9,380	9,404	9,404	9,417	9,413	9,413	9,406	9,406	9,412	9,404	9,396

## Milk Produced per Cow – United States: 2018-2022

[Excludes milk sucked by calves.]

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	(pounds)											
<b>Iowa</b>												
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 .....	2,110	1,975	2,115	2,030	2,095	2,030	2,040	2,070	2,005	2,065	2,005	2,095
2021 .....	2,105	1,905	2,115	2,040	2,095	2,025	2,065	2,055	1,995	2,050	1,990	2,080
2022 .....	2,095	1,910	2,125	2,065	2,125	2,050	2,080	2,070	2,000	2,065	2,000	2,065
<b>United States</b>												
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 .....	2,015	1,908	2,064	1,990	2,027	1,966	1,999	1,986	1,918	1,976	1,920	2,008
2021 .....	2,049	1,869	2,088	2,037	2,089	1,994	2,015	1,984	1,916	1,983	1,920	2,004
2022 .....	2,034	1,870	2,096	2,036	2,098	2,010	2,038	2,022	1,939	1,998	1,934	2,012

## Milk Production – United States: 2018-2022

[Excludes milk sucked by calves.]

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
	(million pounds)											
<b>Iowa</b>												
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 .....	454	429	463	445	455	441	445	451	439	452	439	461
2021 .....	467	427	480	465	478	462	471	462	449	461	448	468
2022 .....	471	432	487	477	497	480	491	493	476	494	478	494
<b>United States</b>												
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 .....	18,875	17,900	19,395	18,665	18,980	18,400	18,740	18,630	18,030	18,609	18,115	18,970
2021 .....	19,368	17,690	19,801	19,354	19,859	18,945	19,104	18,723	18,022	18,618	18,021	18,788
2022 .....	19,050	17,540	19,715	19,147	19,755	18,920	19,180	19,016	18,242	18,809	18,184	18,904

## Milk Production and Disposition – Iowa and United States: 2018-2022

Year	Total production of milk <sup>1</sup>	Milk used where produced			Milk marketed by producers <sup>2</sup>
		Fed to calves <sup>1</sup>	Milk, cream and butter	Total	
(million pounds)					
<b>Iowa</b>					
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
2021 .....	5,538	18.0	1.00	19.0	5,519
2022 .....	5,770	17.0	1.00	18.0	5,752
<b>United States</b>					
2018 .....	217,568	928	89.0	1,017	216,551
2019 .....	218,441	933	89.0	1,022	217,419
2020 .....	223,309	993	86.0	1,079	222,230
2021 .....	226,293	947	84.0	1,031	225,262
2022 .....	226,462	914	80.0	994	225,468

<sup>1</sup> Excludes milk sucked by calves.

<sup>2</sup> 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: 2018-2022

Year	Combined marketings of milk and cream		Value of milk consumed where produced <sup>2</sup>	Gross producer income <sup>3</sup>
	Returns per 100 lbs <sup>1</sup>	Cash receipts		
	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Iowa</b>				
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
2021 .....	18.80	1,037,572	188	1,037,760
2022 .....	24.50	1,409,240	245	1,409,485
<b>United States</b>				
2018 .....	16.28	35,242,255	14,812	35,257,067
2019 .....	18.65	40,546,363	16,867	40,563,230
2020 .....	18.16	40,361,744	15,864	40,377,608
2021 .....	18.54	41,764,836	15,857	41,780,693
2022 .....	25.39	57,252,795	20,707	57,273,502

<sup>1</sup> Cash receipts divided by milk in combined marketings.

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

<sup>3</sup> 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: 2018-2022**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
	(million pounds)												
<b>Iowa</b>													
2018 .....	22.4	21.2	24.1	24.0	26.3	25.2	25.4	25.4	24.0	27.7	24.6	26.0	296.4
2019 .....	29.1	26.9	28.7	26.2	27.9	26.4	26.4	27.6	27.1	29.6	28.7	29.3	333.9
2020 .....	29.0	28.4	28.9	28.6	28.3	30.0	30.0	30.8	30.6	29.6	31.1	30.0	355.2
2021 .....	30.3	26.6	27.9	30.2	29.8	27.4	27.6	28.0	27.4	28.7	27.8	31.8	343.7
2022 .....	33.2	30.5	31.5	31.6	34.0	32.2	31.5	32.3	31.6	32.2	34.0	35.4	390.0
<b>United States</b>													
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 .....	1,124	1,032	1,120	1,050	1,099	1,119	1,109	1,090	1,103	1,136	1,102	1,155	13,240
2021 .....	1,143	1,046	1,181	1,153	1,163	1,127	1,145	1,147	1,133	1,171	1,150	1,201	13,761
2022 .....	1,178	1,092	1,231	1,173	1,205	1,166	1,170	1,157	1,151	1,185	1,156	1,199	14,063

<sup>1</sup> Totals may not add due to rounding.

**Dairy Products, Total American-Type Cheese Manufactured by Month – Iowa and United States: 2018-2022**

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

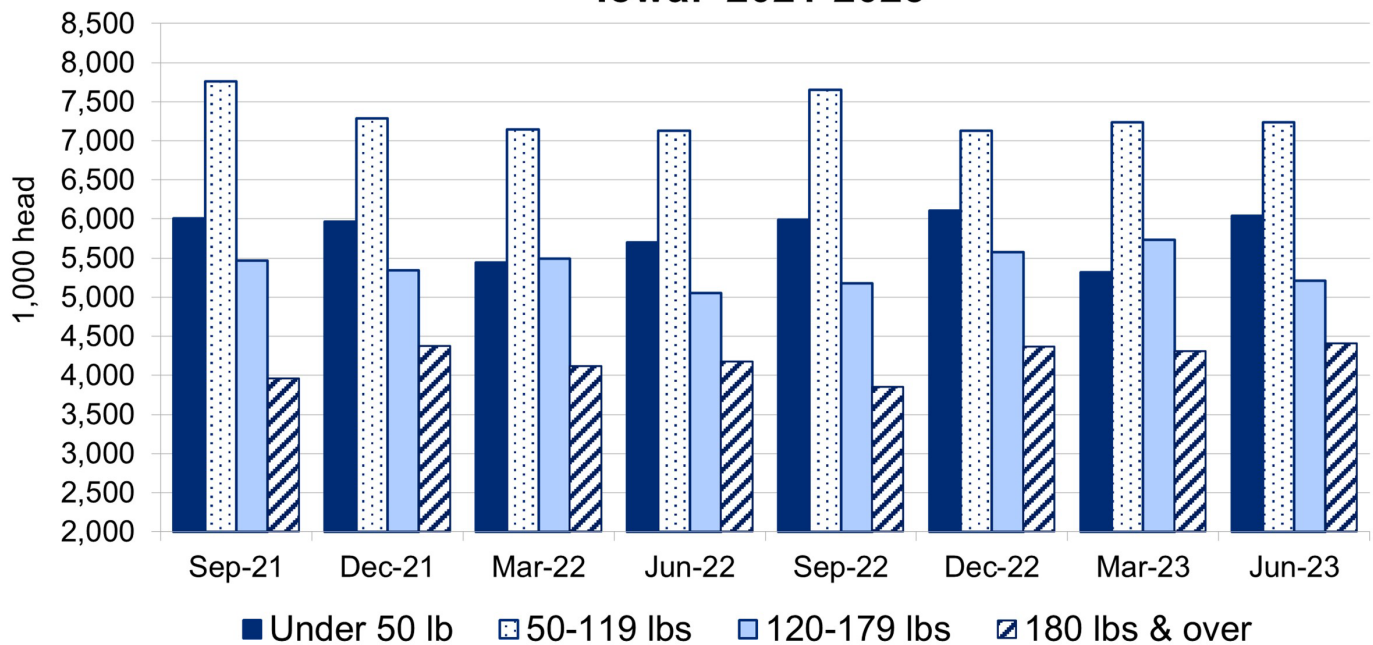
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
	(million pounds)												
<b>Iowa</b>													
2018 .....	13.3	11.7	12.8	14.6	17.0	16.3	15.9	14.6	14.7	17.4	17.5	16.4	182.1
2019 .....	16.8	15.2	16.1	15.9	17.1	16.7	17.3	17.5	16.4	17.5	18.0	18.8	203.2
2020 .....	19.1	17.8	17.3	16.7	16.8	17.3	19.8	18.4	19.1	15.9	17.3	18.4	213.9
2021 .....	19.2	15.9	16.8	16.8	16.0	13.2	13.6	14.5	14.2	14.7	14.1	15.9	184.8
2022 .....	16.9	15.5	17.0	17.0	18.4	17.7	17.4	16.6	16.1	17.6	19.0	19.0	208.0
<b>United States</b>													
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	476	5,338
2021 .....	478	427	481	478	482	457	467	463	455	481	463	484	5,615
2022 .....	484	436	483	477	488	466	474	458	447	475	466	486	5,640

<sup>1</sup> Totals may not add due to rounding.

## Hogs and Pigs, Number on Farms – Iowa: December 1, 2013-2022

Year	Breeding (1,000 head)	Market (1,000 head)	Total (1,000 head)
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 .....	1,050	23,550	24,600
2020 .....	950	23,650	24,600
2021 .....	920	22,980	23,900
2022 .....	910	23,190	24,100

## Market Hogs and Pigs by Weight Groups Iowa: 2021-2023



**Hogs and Pigs, Number on Farms, Market by Weight Groups, Breeding, and Total by Quarter – Iowa: 2014-2023**

Month and year	Market hogs and pigs				Total		
	Under 50 pounds (1,000 head)	50-119 pounds (1,000 head)	120-179 pounds (1,000 head)	180 pounds and over (1,000 head)	Market (1,000 head)	Breeding (1,000 head)	Total (1,000 head)
<b>March 1</b>							
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 .....	6,150	7,430	4,870	4,630	23,080	1,020	24,100
2021 .....	5,340	7,210	5,650	4,460	22,660	940	23,600
2022 .....	5,440	7,150	5,490	4,120	22,200	900	23,100
2023 .....	5,320	7,240	5,730	4,310	22,600	900	23,500
<b>June 1</b>							
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	5,840	4,480	23,620	980	24,600
2021 .....	5,970	7,200	5,320	4,300	22,790	910	23,700
2022 .....	5,700	7,130	5,050	4,180	22,060	940	23,000
2023 .....	6,040	7,240	5,210	4,410	22,900	900	23,800
<b>September 1</b>							
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 .....	6,460	7,580	5,480	4,100	23,620	980	24,600
2021 .....	6,010	7,760	5,470	3,960	23,200	900	24,100
2022 .....	5,990	7,650	5,180	3,850	22,670	930	23,600
<b>December 1</b>							
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 .....	5,460	7,730	5,750	4,610	23,550	1,050	24,600
2020 .....	5,780	7,470	5,890	4,510	23,650	950	24,600
2021 .....	5,970	7,290	5,340	4,380	22,980	920	23,900
2022 .....	6,110	7,130	5,580	4,370	23,190	910	24,100

**Sows Farrowed, Pigs per Litter, and Pig Crop – Iowa and United States:  
December through May 2013-2022**

Year	Sows farrowed		Pigs per litter		Pig crop <sup>1</sup>	
	Dec <sup>2</sup> -Feb	Mar-May	Dec <sup>2</sup> -Feb	Mar-May	Dec <sup>2</sup> -Feb	Mar-May
	(1,000 head)	(1,000 head)	(head)	(head)	(1,000 head)	(1,000 head)
<b>Iowa</b>						
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
2021 .....	485	510	11.30	11.40	5,481	5,814
2022 .....	475	500	11.30	11.45	5,368	5,725
<b>United States</b>						
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 .....	3,182	3,147	11.00	11.00	35,016	34,621
2021 .....	2,929	3,034	10.94	10.95	32,059	33,233
2022 .....	2,919	2,967	10.95	11.00	31,947	32,635

<sup>1</sup> May not add due to rounding.

<sup>2</sup> Previous year.

**Sows Farrowed, Pigs per Litter, and Pig Crop – Iowa and United States:  
June through November 2013-2022**

Year	Sows farrowed		Pigs per litter		Pig crop <sup>1</sup>	
	Jun-Aug	Sep-Nov	Jun-Aug	Sep-Nov	Jun-Aug	Sep-Nov
	(1,000 head)	(1,000 head)	(head)	(head)	(1,000 head)	(1,000 head)
<b>Iowa</b>						
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	478	11.35	11.35	6,243	5,425
2020 .....	560	560	11.30	11.30	6,328	6,328
2021 .....	505	525	11.40	11.45	5,757	6,011
2022 .....	510	535	11.65	11.55	5,942	6,179
<b>United States</b>						
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	3,030	11.11	11.09	36,370	33,599
2020 .....	3,260	3,165	11.06	11.05	36,056	34,987
2021 .....	3,050	3,049	11.13	11.19	33,944	34,123
2022 .....	3,062	3,092	11.13	11.22	34,096	34,701

<sup>1</sup> May not add due to rounding.



### Hogs and Pigs, Inventory, Supply, and Disposition – Iowa and United States: 2018-2022

Year	Inventory previous December 1	Pig crop December-November	Inshipments	Marketings	Farm slaughter	Deaths
(1,000 head)						
<b>Iowa</b>						
2018 .....	22,800	24,759	34,975	55,059	5	3,870
2019 .....	23,600	24,037	35,800	54,792	5	4,040
2020 .....	24,600	23,981	29,200	48,797	4	4,380
2021 .....	24,600	23,063	30,300	49,849	4	4,210
2022 .....	23,900	22,983	35,000	53,683	5	4,195
<b>United States</b>						
2018 .....	73,145	132,568	61,619	180,251	76	11,935
2019 .....	75,070	139,449	63,403	189,058	77	11,955
2020 .....	76,833	140,681	53,752	180,247	76	13,630
2021 .....	77,312	133,359	58,334	181,594	77	12,889
2022 .....	74,446	132,908	62,442	182,096	79	13,223

### Hogs and Pigs, Production and Income – Iowa and United States: 2018-2022

Year	Production	Marketings	Value of production	Cash receipts	Value of home consumption	Gross income
	(1,000 pounds)	(1,000 pounds)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
<b>Iowa</b>						
2018 .....	14,508,742	15,077,217	6,605,574	7,622,223	2,099	7,624,322
2019 .....	14,584,214	15,072,259	7,547,509	7,762,214	2,166	7,764,380
2020 .....	12,928,301	13,544,140	5,925,579	6,352,201	2,116	6,354,317
2021 .....	13,227,931	13,961,227	9,506,066	9,395,907	2,661	9,398,568
2022 .....	14,348,514	15,023,659	10,515,371	10,862,106	3,257	10,865,363
<b>United States</b>						
2018 .....	38,498,011	39,768,825	18,769,964	20,881,335	27,267	20,908,602
2019 .....	42,196,603	43,315,681	21,354,117	21,877,400	28,683	21,906,083
2020 .....	40,500,333	41,920,266	18,048,056	19,169,201	26,356	19,195,557
2021 .....	40,091,129	41,896,944	28,952,115	28,109,041	39,680	28,148,721
2022 .....	40,595,785	42,114,381	29,989,801	30,581,042	41,069	30,622,111

### Hogs and Pigs, Market Year Average Price Received – United States: 2018-2022

Market year	All hogs	Barrows and gilts	Sows
	(dollars per cwt)		
2018 .....	50.20	50.50	41.30
2019 .....	51.40	51.70	41.10
2020 .....	46.90	47.80	27.70
2021 .....	67.30	67.40	65.20
2022 .....	72.20	72.40	69.20

## Estimated Returns to Farrow to Wean Pigs – Iowa

[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.]

Farrowing month Sale month	Production period				
	January 2023 February 2023	February 2023 March 2023	March 2023 April 2023	April 2023 May 2023	
<b>Cost of Producing 12 lb Weaned Pig</b>					
Feed costs					
Corn .....	\$ per head	7.31	7.00	7.00	6.90
Soybean meal .....	\$ per head	2.45	2.31	2.26	2.16
Dried distiller grain .....	\$ per head	1.94	1.89	1.93	1.90
Complete feeds and other ingredients .....	\$ per head	2.03	1.96	1.91	1.88
Feed processing .....	\$ per head	0.58	0.58	0.58	0.64
Total .....	\$ per head	14.31	13.73	13.68	13.48
Nonfeed costs					
Variable costs .....	\$ per head	22.91	22.43	22.50	22.54
Operating interest .....	\$ per head	0.38	0.37	0.37	0.44
Fixed costs .....	\$ per head	6.28	6.09	9.31	9.31
Total .....	\$ per head	29.58	28.89	32.19	32.29
<b>Returns to Marketing 10-12 lb Weaned Pig</b>					
Total costs .....	\$ per head	43.89	42.62	45.87	45.78
Selling price .....	\$ per head	59.81	47.75	25.59	20.48
Profit (loss) .....	\$ per head	15.92	5.14	(20.27)	(25.29)
Manure credit .....	\$ per head	1.44	1.30	1.36	1.37
Total profit (loss) .....	\$ per head	17.36	6.43	(18.92)	(23.93)

Source: Department of Economics, Iowa State University Extension and Outreach.

## Estimated Returns to Wean to Finish Pigs – Iowa

[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.]

Purchase month Sale month	Production period				
	August 2022 February 2023	September 2022 March 2023	October 2022 April 2023	November 2022 May 2023	
<b>12 lb Weaned Pig</b>					
Purchase price .....	\$ per head	43.08	40.56	36.97	43.37
<b>Costs of Producing 270 lb Finished Hog</b>					
Feed costs					
Corn .....	\$ per head	57.03	56.43	55.80	55.45
Soybean meal .....	\$ per head	19.40	19.57	19.60	19.59
Dried distiller grain .....	\$ per head	15.89	15.95	15.71	15.52
Complete feeds and other ingredients .....	\$ per head	18.78	18.85	18.80	18.42
Feed processing .....	\$ per head	4.27	4.27	4.27	4.27
Total .....	\$ per head	115.36	115.08	114.18	113.25
Nonfeed costs					
Variable costs .....	\$ per head	23.12	23.00	22.99	22.90
Operating interest .....	\$ per head	2.46	2.41	2.70	2.85
Fixed costs .....	\$ per head	11.79	11.79	18.04	18.04
Total .....	\$ per head	37.37	37.19	43.74	43.80
<b>Returns to Marketing 270 lb Finished Hog</b>					
Death loss .....	\$ per head	5.74	6.04	5.36	6.04
Total costs .....	\$ per head	201.55	198.87	200.24	206.46
Breakeven price .....	\$ per live cwt	74.65	73.66	74.16	76.47
Breakeven price .....	\$ per carcass cwt	99.53	98.21	98.88	101.95
Selling price .....	\$ per live cwt	57.71	59.51	55.12	59.17
Selling price .....	\$ per carcass cwt	76.95	79.34	73.50	78.89
Sales value .....	\$ per head	155.82	160.67	148.83	159.75
Profit (loss) .....	\$ per head	(45.72)	(38.20)	(51.41)	(46.71)
Manure credit .....	\$ per head	7.01	6.37	6.66	6.67
Total profit (loss) .....	\$ per head	(38.71)	(31.83)	(44.75)	(40.04)

Source: Department of Economics, Iowa State University Extension and Outreach.

### Commercial Hog Slaughter, Number of Head by Month – Iowa and United States: 2018-2022

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
	(1,000 head)												
<b>Iowa</b>													
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
2021 .....	3,405	3,126	3,492	3,333	2,843	3,154	2,965	3,260	3,301	3,475	3,500	3,406	39,258
2022 .....	3,249	3,146	3,437	3,044	3,034	3,217	2,773	3,284	3,233	3,369	3,361	3,056	38,204
<b>United States</b>													
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
2021 .....	11,251	10,429	11,741	10,824	9,649	10,647	9,790	10,616	10,761	11,082	11,136	11,059	128,986
2022 .....	10,410	9,943	11,250	10,079	10,035	10,505	9,318	10,990	10,659	10,919	10,914	10,299	125,322

<sup>1</sup> Totals may not add due to rounding.

### Commercial Hog Slaughter, Total Live Weight by Month – Iowa and United States: 2018-2022

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
	(million pounds)												
<b>Iowa</b>													
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
2021 .....	999	901	1,008	963	813	890	829	910	936	1,002	1,017	995	11,262
2022 .....	951	911	994	883	876	920	776	911	911	960	962	879	10,935
<b>United States</b>													
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
2021 .....	3,316	3,034	3,414	3,141	2,776	3,022	2,749	2,971	3,043	3,187	3,237	3,228	37,117
2022 .....	3,061	2,909	3,294	2,951	2,923	3,024	2,643	3,096	3,040	3,149	3,164	3,001	36,254

<sup>1</sup> Totals may not add due to rounding.

### Commercial Hog Slaughter, Average Live Weight by Month – Iowa and United States: 2018-2022

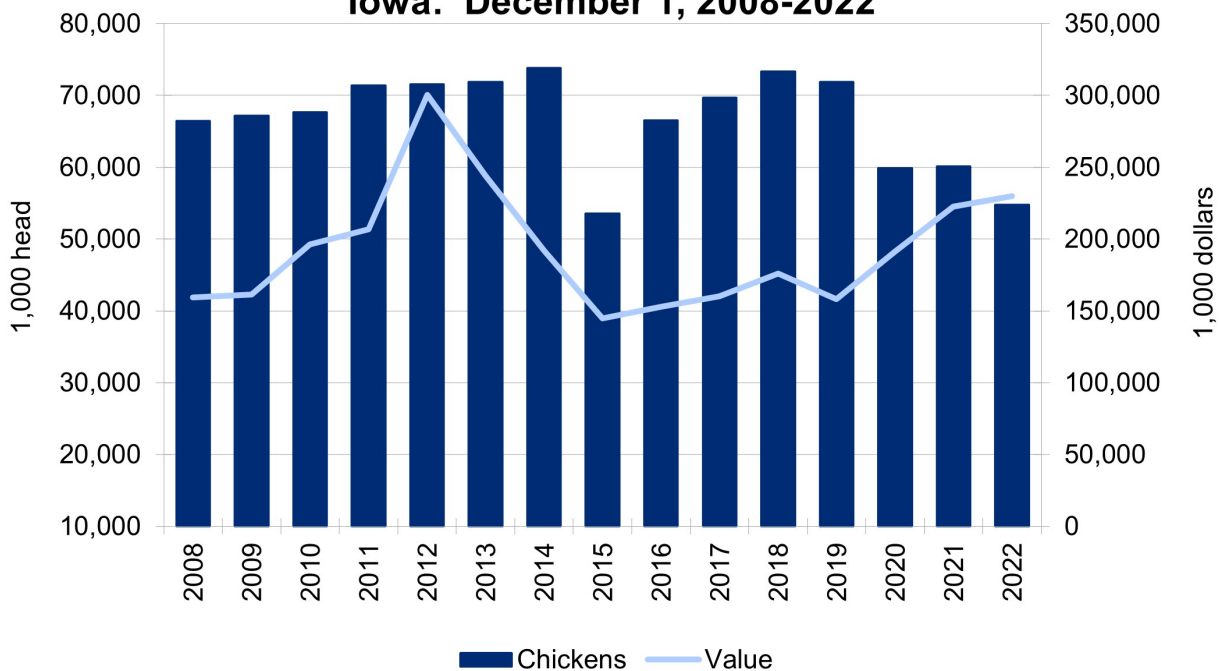
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
	(pounds)												
<b>Iowa</b>													
2018 .....	286	286	287	287	285	280	277	277	279	282	284	284	283
2019 .....	286	286	286	286	286	285	280	278	282	285	288	287	285
2020 .....	288	286	286	287	294	286	281	279	281	287	291	293	286
2021 .....	294	288	289	289	286	282	280	279	284	288	291	292	287
2022 .....	293	290	289	290	289	286	280	277	282	285	286	288	286
<b>United States</b>													
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
2021 .....	295	291	291	290	288	284	281	280	283	288	291	292	288
2022 .....	294	293	293	293	291	288	284	282	285	288	290	292	289

## Chickens, Inventory, Rate of Lay, and Egg Production – Iowa and United States: 2013-2022

Year	Chickens on farms, December 1			Average number of layers during year	Eggs per layer	Total egg production
	All chickens <sup>1</sup>	Value	Total layers			
	(1,000 head)	(1,000 dollars)	(1,000 head)	(1,000 head)	(eggs)	(million eggs)
<b>Iowa</b>						
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 .....	59,856	191,539	48,196	51,926	299	15,545
2021 .....	60,133	222,492	49,741	48,877	306	14,980
2022 .....	54,758	229,984	40,410	40,157	304	12,198
<b>United States</b>						
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 .....	519,523	2,592,817	392,226	391,772	285	111,734
2021 .....	526,057	2,922,448	396,147	391,242	285	111,395
2022 .....	513,005	3,458,892	377,606	379,304	289	109,514

<sup>1</sup> Excluding commercial broilers.

### Chickens, Inventory and Value Iowa: December 1, 2008-2022



### All Layers, Average Number on Hand by Month – Iowa and United States: 2018-2022

Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)	(1,000 head)
<b>Iowa</b>												
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 .....	58,303	57,535	57,077	55,631	52,912	51,051	49,448	48,503	48,550	48,186	47,891	48,027
2021 .....	48,733	48,846	48,470	48,451	48,685	48,864	48,852	49,183	49,004	48,806	49,134	49,499
2022 .....	49,811	48,557	46,924	40,441	33,839	34,043	34,920	36,248	37,912	38,623	39,869	40,700
<b>United States</b>												
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 .....	403,263	401,249	397,933	396,943	394,025	389,261	385,943	384,427	384,946	386,151	387,422	390,085
2021 .....	393,635	395,572	396,357	395,719	392,034	387,114	385,101	385,841	387,033	389,041	392,293	395,129
2022 .....	396,696	394,962	392,621	384,293	372,228	368,033	367,417	369,916	373,915	376,141	377,572	377,842

<sup>1</sup> December preceding year.

### All Layers, Number of Eggs Per 100 Layers by Month – Iowa and United States: 2018-2022

Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
<b>Iowa</b>												
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
2021 .....	2,621	2,596	2,322	2,584	2,540	2,593	2,498	2,592	2,604	2,529	2,620	2,548
2022 .....	2,606	2,556	2,305	2,581	2,520	2,601	2,477	2,536	2,575	2,531	2,605	2,502
<b>United States</b>												
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	2,253	2,408	2,314	2,352	2,296	2,436	2,442	2,347	2,449	2,382
2021 .....	2,439	2,410	2,165	2,406	2,340	2,412	2,330	2,410	2,414	2,345	2,430	2,372
2022 .....	2,465	2,450	2,212	2,465	2,390	2,453	2,367	2,448	2,449	2,366	2,443	2,368

<sup>1</sup> December preceding year.



## Chickens and Eggs, Production and Income – Iowa and United States: 2018-2022

Year	Chickens		Eggs	
	Pounds sold (1,000 pounds)	Value of sales (1,000 dollars)	Eggs produced (million eggs)	Value of production (1,000 dollars)
<b>Iowa</b>				
2018 .....	32,117	96	16,119	1,314,715
2019 .....	38,087	76	17,084	778,055
2020 .....	48,759	98	15,545	878,645
2021 .....	37,405	75	14,980	852,126
2022 .....	33,980	340	12,198	1,968,823
<b>United States</b>				
2018 .....	1,024,264	49,365	110,074	10,653,315
2019 .....	1,014,132	37,560	113,206	7,334,686
2020 .....	1,027,896	18,625	111,734	8,664,846
2021 .....	1,014,679	14,906	111,395	8,713,212
2022 .....	983,159	74,677	109,514	19,352,439

## Eggs Produced by Month – Iowa and United States: 2013-2022

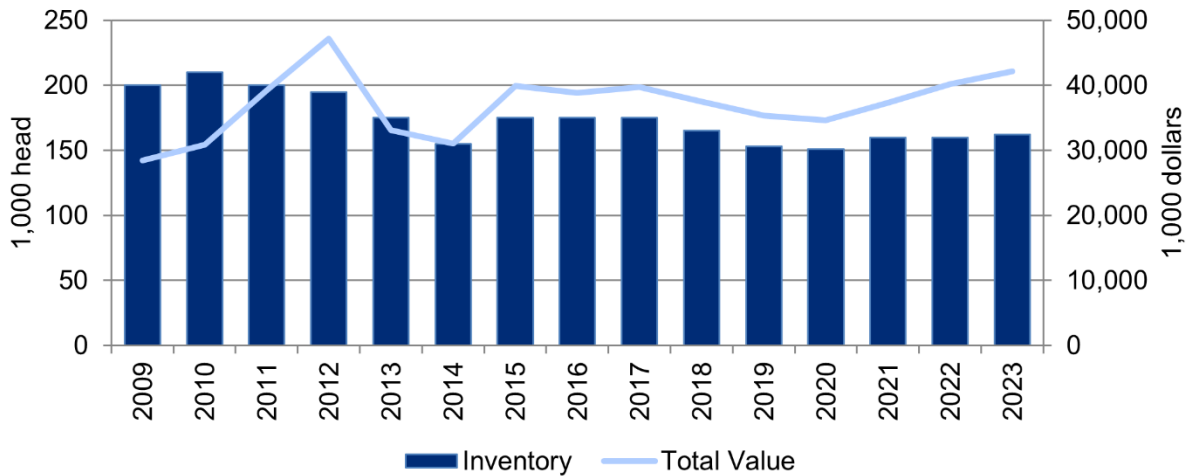
Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
(million eggs)													
<b>Iowa</b>													
2013 .....	1,386	1,351	1,215	1,385	1,350	1,381	1,322	1,357	1,369	1,333	1,372	1,333	16,155
2014 .....	1,374	1,364	1,229	1,362	1,362	1,430	1,363	1,405	1,412	1,389	1,431	1,392	16,513
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 .....	1,469	1,458	1,342	1,385	1,241	1,211	1,186	1,270	1,281	1,217	1,257	1,228	15,545
2021 .....	1,277	1,268	1,125	1,252	1,236	1,267	1,220	1,275	1,276	1,234	1,288	1,261	14,980
2022 .....	1,298	1,241	1,082	1,044	853	885	865	919	976	978	1,039	1,018	12,198
<b>United States</b>													
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 .....	9,787	9,684	8,964	9,560	9,118	9,156	8,860	9,366	9,399	9,062	9,487	9,291	111,734
2021 .....	9,599	9,535	8,583	9,522	9,176	9,336	8,974	9,299	9,344	9,124	9,534	9,372	111,395
2022 .....	9,778	9,677	8,684	9,471	8,895	9,028	8,697	9,056	9,158	8,899	9,225	8,947	109,514

<sup>1</sup> December preceding year.

## Sheep and Lambs, Inventory and Value – Iowa and United States: 2014-2023

Year	All sheep and lambs		Breeding sheep and lambs				Market sheep and 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)						
<b>Iowa</b>									
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
2022 .....	160	40,160	87	4	23	114	43	3	46
2023 .....	162	42,120	92	4	21	117	43	2	45
<b>United States</b>									
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
2022 .....	5,065	1,114,080	2,910	160	640	3,710	1,277	78	1,355
2023 .....	5,020	1,181,733	2,870	160	635	3,665	1,280	75	1,355

Sheep and Lambs, Inventory and Value  
Iowa: January 1, 2009-2023



## Sheep and Lambs, Wool Production and Income – Iowa and United States: 2013-2022

Year	Sheep shorn	Weight per fleece	Production	Price per pound	Value
	(head)	(pounds)	(pounds)	(dollars)	(dollars)
<b>Iowa</b>					
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
2021 .....	135,000	5.5	740,000	0.25	185,000
2022 .....	140,000	5.7	800,000	0.20	160,000
<b>United States</b>					
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	38,387,000
2021 .....	3,195,000	7.0	22,451,000	1.70	38,177,000
2022 .....	3,170,000	7.0	22,224,000	1.53	33,907,000

## Sheep and Lambs, Inventory, Lamb Crop, Slaughter, and Death Loss – Iowa and United States: 2013-2022

Year	Inventory January 1	Lamb crop	Farm slaughter	Sheep and lamb deaths
	(head)	(head)	(head)	(head)
<b>Iowa</b>				
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
2021 .....	160,000	115,000	1,000	21,000
2022 .....	160,000	120,000	2,000	22,000
<b>United States</b>				
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
2021 .....	5,170,000	3,160,000	92,000	565,000
2022 .....	5,065,000	3,110,000	95,000	580,000



**Commercial Sheep and Lamb Slaughter, Number of Head by Month – Iowa and United States: 2018-2022**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
(1,000 head)													
<b>Iowa</b>													
2018 .....	0.20	0.10	0.10	0.10	0.20	0.20	0.30	0.30	0.40	0.40	0.30	0.20	2.70
2019 .....	0.20	0.10	0.10	0.10	0.10	0.20	0.30	0.20	0.20	0.20	0.40	0.10	2.20
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
2021 .....	0.20	0.10	0.10	0.10	0.10	0.20	0.20	0.20	0.30	0.20	0.20	0.20	2.10
2022 .....	0.10	0.10	0.10	0.10	0.10	0.10	0.20	0.20	0.30	0.20	0.20	0.10	1.90
<b>United States</b>													
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
2021 .....	162	164	215	224	182	190	189	178	184	189	197	190	2,263
2022 .....	155	144	188	199	165	174	164	182	172	170	181	179	2,072

<sup>1</sup> Totals may not add due to rounding.

**Commercial Sheep and Lamb Slaughter, Total Live Weight by Month – Iowa and United States: 2018-2022**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
(1,000 pounds)													
<b>Iowa</b>													
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
2021 .....	30	17	23	16	17	27	29	29	37	37	36	27	323
2022 .....	19	19	18	15	16	23	28	30	42	34	28	21	294
<b>United States</b>													
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
2021 .....	20,939	21,517	27,903	27,234	22,031	22,749	21,688	20,640	21,323	22,783	24,021	23,253	276,081
2022 .....	19,617	18,334	24,487	24,426	21,430	22,785	20,598	23,135	21,435	20,719	21,944	21,698	260,605

<sup>1</sup> Totals may not add due to rounding.

**Commercial Sheep and Lamb Slaughter, Average Live Weight by Month – Iowa and United States: 2018-2022**

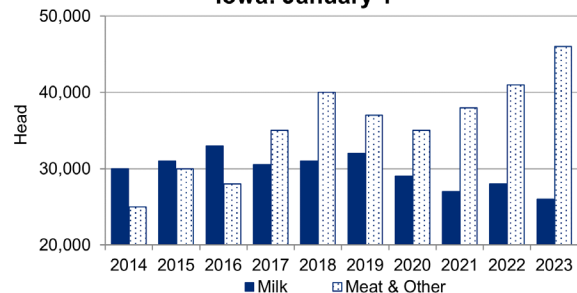
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
(pounds)													
<b>Iowa</b>													
2018 .....	162	157	170	166	164	169	174	170	164	163	165	165	166
2019 .....	158	152	169	162	161	158	160	156	150	149	142	151	154
2020 .....	143	142	151	147	145	145	148	154	154	153	149	152	149
2021 .....	152	151	156	154	159	155	152	150	147	148	149	148	151
2022 .....	144	147	150	154	161	160	160	153	155	152	150	148	153
<b>United States</b>													
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
2021 .....	129	131	130	122	121	120	115	116	116	121	122	123	122
2022 .....	127	128	130	123	130	131	126	127	125	122	121	122	126

## Goats

### Goat Inventory – Iowa: January 1, 2014-2023

Year	Milk goats (head)	Meat and other goats (head)
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
2022	28,000	41,000
2023	26,000	46,000

Goat Inventory By Type  
Iowa: January 1



## Bees and Honey

### Number of Colonies, Yield, Production, Stocks, Price, and Value – Iowa and United States: 2018-2022

[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.]

Year	Producing colonies <sup>1</sup> (1,000)	Yield (pounds)	Production (1,000 lbs)	Honey stocks Dec 15 <sup>2</sup> (1,000 lbs)	Average price per pound <sup>3</sup> (dollars)	Value of production <sup>4</sup> (1,000 dollars)
<b>Iowa</b>						
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	2.54	5,156
2021	38	55.0	2,090	502	2.45	5,121
2022	48	51.0	2,448	710	2.81	6,879
<b>United States<sup>5 6</sup></b>						
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	2.10	309,947
2021	2,697	47.0	126,744	23,532	2.65	335,872
2022	2,667	47.0	125,331	23,309	2.96	370,980

<sup>1</sup> Honey producing colonies are the maximum number of colonies from which honey was taken during the year. It is possible to take honey from colonies which did not survive the year.

<sup>2</sup> Stocks held by producers.

<sup>3</sup> Average price per pound based on expanded sales.

<sup>4</sup> Value of production is equal to production multiplied by average price per pound.

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

<sup>6</sup> United States value of production will not equal summation of states.

### Honey Bee Colonies – Iowa: 2020-2023

[Operations with five or more colonies.]

	First of the quarter number of colonies <sup>1</sup>	Maximum colonies <sup>2</sup>	Lost colonies	Percent lost <sup>3</sup>	Added colonies	Renovated colonies <sup>4</sup>	Percent renovated <sup>5</sup>
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	26,000	2,100	8	1,100	30	(Z)
Apr-Jun 2021	25,000	29,000	2,200	8	11,000	3,900	13
Jul-Sep 2021	37,000	54,000	4,500	8	1,000	130	(Z)
Oct-Dec 2021	51,000	51,000	4,000	8	170	90	(Z)
Jan-Mar 2022	26,000	29,000	2,800	10	610	30	(Z)
Apr-Jun 2022	27,000	49,000	2,300	5	5,000	2,400	5
Jul-Sep 2022	52,000	53,000	650	1	590	830	2
Oct-Dec 2022	15,500	51,000	1,700	3	80	90	(Z)
Jan-Mar 2023	36,000	53,000	1,700	3	10,500	240	(Z)
Apr-Jun 2023	63,000	69,000	4,600	7	11,500	2,700	4

(Z) Less than half of the unit shown.

<sup>1</sup> Number of colonies in the state as of the first day of the quarter.

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

<sup>3</sup> Percent lost is the number of lost colonies divided by the maximum colonies.

<sup>4</sup> Defined as any surviving colony that was requeened or received new honey bees through nuc or package.

<sup>5</sup> Percent renovated is the number of renovated colonies divided by the maximum colonies.

## Farm Production Expenditures – Iowa: 2021-2022

Expenditure - farm share	Farms reporting <sup>1</sup>		Average per farm <sup>2</sup>		Total expenditures	
	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, poultry and related expenses <sup>3</sup> .....	21.6	21.4	62,309	62,426	5,290	5,300
Feed .....	34.5	34.3	92,815	93,051	7,880	7,900
Farm services <sup>4</sup> .....	93.6	86.8	37,456	31,684	3,180	2,690
Rent <sup>5</sup> .....	42.3	39.5	44,052	47,703	3,740	4,050
Agricultural chemicals <sup>6</sup> .....	64.7	59.3	15,901	19,199	1,350	1,630
Fertilizer, lime, and soil conditioners <sup>6</sup> .....	61.4	59.4	30,153	39,223	2,560	3,330
Interest .....	42.5	43.2	10,130	7,892	860	670
Taxes (real estate and property) .....	100.0	100.0	13,192	12,250	1,120	1,040
Labor .....	22.8	23.0	11,896	11,661	1,010	990
Fuels .....	79.6	76.9	9,187	11,661	780	990
Farm supplies and repairs <sup>7</sup> .....	76.3	73.4	13,192	15,665	1,120	1,330
Farm improvements and construction <sup>8</sup> .....	50.2	51.1	10,365	13,781	880	1,170
Tractors and self-propelled farm machinery .....	16.2	12.9	14,723	13,428	1,250	1,140
Other farm machinery .....	17.4	19.0	6,596	8,481	560	720
Seeds and plants <sup>9</sup> .....	67.6	60.0	24,264	27,562	2,060	2,340
Trucks and autos .....	14.7	12.5	3,592	3,710	305	315
Miscellaneous capital expenses .....	7.6	9.1	530	942	45	80
<b>Total farm production expenditures<sup>10</sup> .....</b>	<b>100.0</b>	<b>100.0</b>	<b>400,353</b>	<b>420,318</b>	<b>33,990</b>	<b>35,685</b>

<sup>1</sup> Number of farms reporting item divided by total number of farms.

<sup>2</sup> 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.

<sup>3</sup> Includes purchases and leasing of livestock and poultry. Intra-state and inter-state transfers of livestock are captured.

<sup>4</sup> 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.

<sup>5</sup> Includes cash rent paid, share rent, plus public and private grazing fees.

<sup>6</sup> Includes material and application costs.

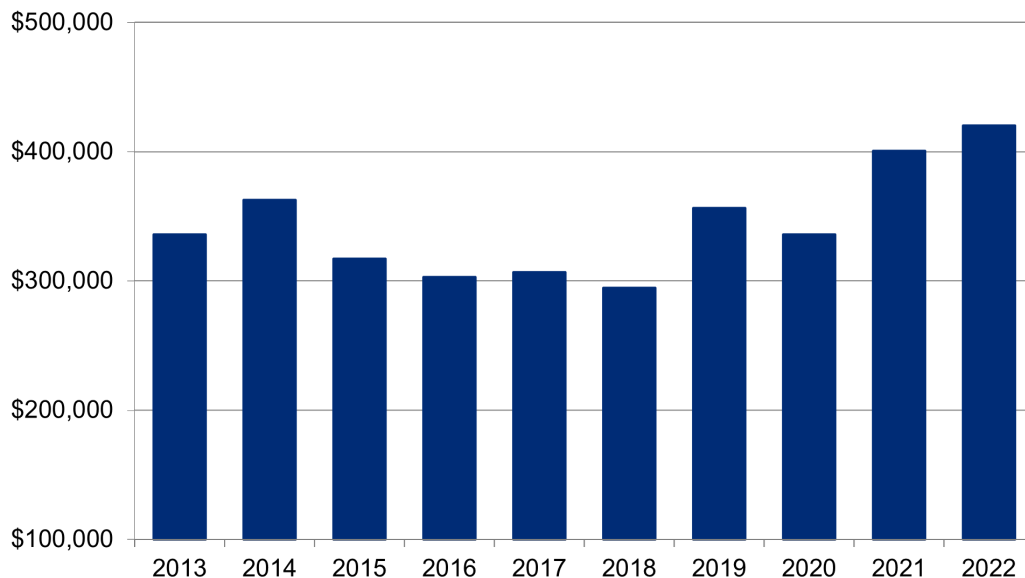
<sup>7</sup> Includes bedding and litter, marketing containers, power farm-shop equipment, oils and lubricants, temporary fencing, miscellaneous non-capital equipment and supplies, repairs and maintenance of equipment not depreciated, and other small, non-capital equipment.

<sup>8</sup> 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.

<sup>9</sup> 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.

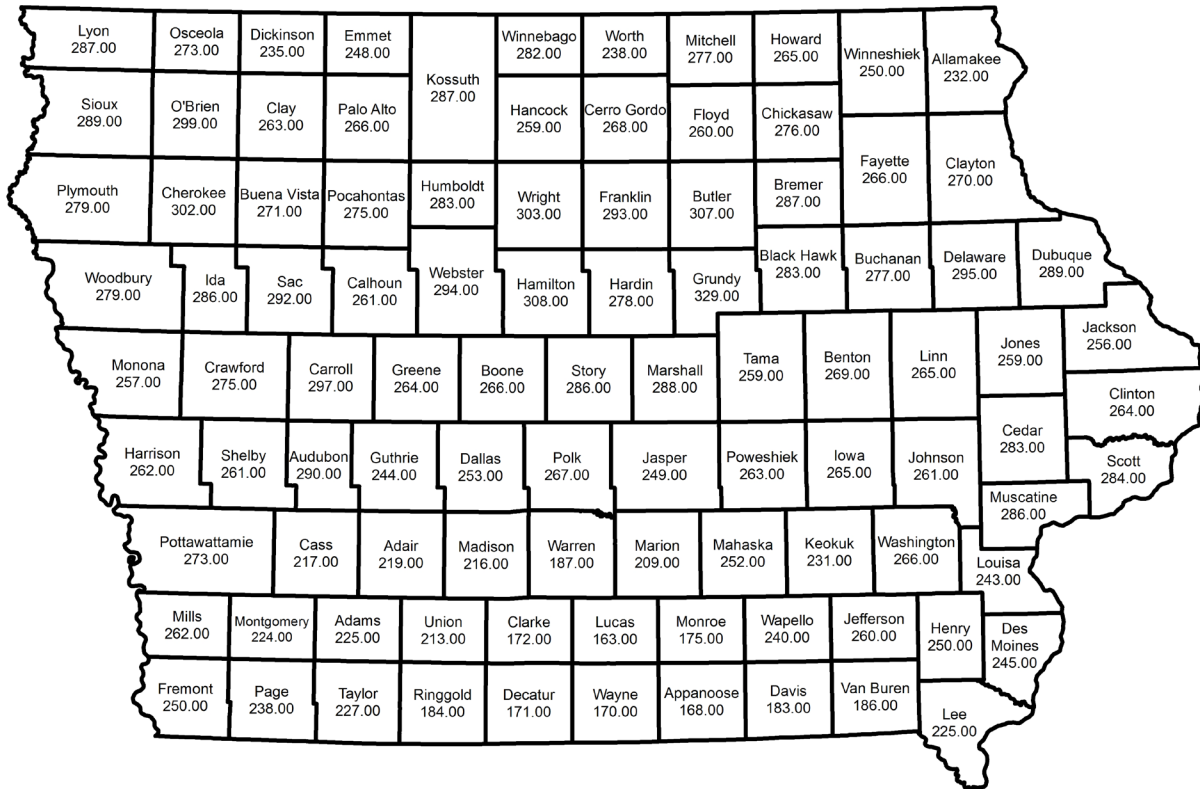
<sup>10</sup> Includes the operator, landlord, and contractor shares of farm production expenses. Totals may not add due to rounding.

## Farm Production Expenditures, Average per Farm Iowa: 2013-2022



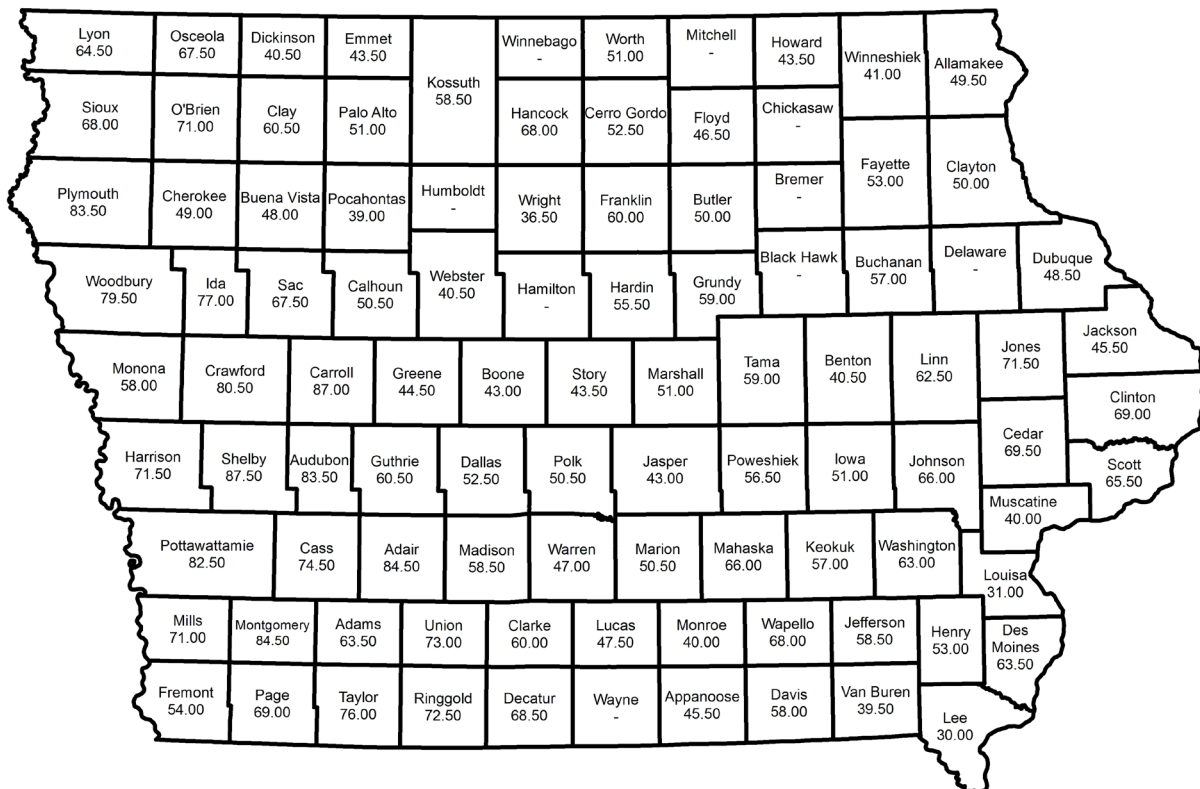
## Non-Irrigated Cropland Cash Rent -- Iowa by County: 2023

State Average: \$269.00 per rented acre



## Pasture Cash Rent -- Iowa by County: 2023

State Average: \$60.50 per rented acre



- County estimate not published.

**Cash Rent – Iowa: 2021-2023**

Item	2021	2022	2023
	(dollars per acre)		
Cropland, cash rent expense.....	233.00	256.00	269.00
Irrigated, cash rent expense.....	229.00	252.00	271.00
Non-irrigated, cash rent expense.....	233.00	256.00	269.00
Pasture, cash rent expense.....	58.00	59.50	60.50

**Cash Rent – Iowa by County: 2022 and 2023**

County by District	Non-irrigated cropland		Pasture	
	2022	2023	2022	2023
	(dollars per acre)			
<b>Northwest</b>				
Buena Vista .....	276.00	271.00	48.50	48.00
Cherokee .....	278.00	302.00	51.00	49.00
Clay .....	268.00	263.00	57.50	60.50
Dickinson .....	225.00	235.00	50.50	40.50
Emmet .....	225.00	248.00	52.00	43.50
Lyon .....	269.00	287.00	54.50	64.50
O'Brien .....	286.00	299.00	56.00	71.00
Osceola .....	241.00	273.00	–	67.50
Palo Alto .....	245.00	266.00	45.50	51.00
Plymouth .....	271.00	279.00	76.00	83.50
Pocahontas .....	266.00	275.00	30.50	39.00
Sioux .....	295.00	289.00	83.00	68.00
<b>North Central</b>				
Butler .....	274.00	307.00	58.50	50.00
Cerro Gordo .....	232.00	268.00	47.00	52.50
Floyd .....	233.00	260.00	–	46.50
Franklin .....	260.00	293.00	46.00	60.00
Hancock .....	–	259.00	–	68.00
Humboldt .....	262.00	283.00	–	–
Kossuth .....	269.00	287.00	44.00	58.50
Mitchell .....	250.00	277.00	29.00	0.00
Winnebago .....	263.00	282.00	–	0.00
Worth .....	218.00	238.00	–	51.00
Wright .....	278.00	303.00	37.00	36.50
<b>Northeast</b>				
Allamakee .....	238.00	232.00	36.50	49.50
Black Hawk .....	290.00	283.00	63.00	–
Bremer .....	287.00	287.00	59.50	–
Buchanan .....	253.00	277.00	57.50	57.00
Chickasaw .....	257.00	276.00	47.50	–
Clayton .....	254.00	270.00	46.00	50.00
Delaware .....	270.00	295.00	60.00	–
Dubuque .....	274.00	289.00	70.50	48.50
Fayette .....	253.00	266.00	60.50	53.00
Howard .....	235.00	265.00	58.50	43.50
Winneshiak .....	237.00	250.00	51.00	41.00
<b>West Central</b>				
Audubon .....	282.00	290.00	62.50	83.50
Calhoun .....	272.00	261.00	51.50	50.50
Carroll .....	275.00	297.00	73.00	87.00
Crawford .....	275.00	275.00	80.00	80.50
Greene .....	254.00	264.00	48.00	44.50
Guthrie .....	222.00	244.00	64.50	60.50
Harrison .....	245.00	262.00	73.00	71.50
Ida .....	292.00	286.00	80.50	77.00
Monona .....	258.00	257.00	56.00	58.00
Sac .....	270.00	292.00	–	67.50
Shelby .....	262.00	261.00	81.00	87.50
Woodbury .....	261.00	279.00	52.50	79.50

County by district	Non-irrigated cropland		Pasture	
	2022	2023	2022	2023
	(dollars per acre)			
<b>Central</b>				
Boone .....	254.00	266.00	47.50	43.00
Dallas .....	258.00	253.00	58.00	52.50
Grundy .....	304.00	329.00	51.00	59.00
Hamilton .....	279.00	308.00	47.50	–
Hardin .....	256.00	278.00	53.50	55.50
Jasper .....	247.00	249.00	55.00	43.00
Marshall .....	264.00	288.00	74.50	51.00
Polk .....	254.00	267.00	39.00	50.50
Poweshiek .....	238.00	263.00	63.00	56.50
Story .....	266.00	286.00	49.00	43.50
Tama .....	265.00	259.00	55.00	59.00
Webster .....	263.00	294.00	53.00	40.50
<b>East Central</b>				
Benton .....	270.00	269.00	56.50	40.50
Cedar .....	271.00	283.00	63.00	69.50
Clinton .....	275.00	264.00	60.00	69.00
Iowa .....	266.00	265.00	59.50	51.00
Jackson .....	242.00	256.00	–	45.50
Johnson .....	249.00	261.00	60.50	66.00
Jones .....	260.00	259.00	–	71.50
Linn .....	265.00	265.00	71.50	62.50
Muscatine .....	264.00	286.00	42.00	40.00
Scott .....	266.00	284.00	65.50	65.50
<b>Southwest</b>				
Adair .....	208.00	219.00	77.00	84.50
Adams .....	230.00	225.00	63.50	63.50
Cass .....	217.00	217.00	75.00	74.50
Fremont .....	237.00	250.00	63.00	54.00
Mills .....	255.00	262.00	74.50	71.00
Montgomery .....	217.00	224.00	75.00	84.50
Page .....	220.00	238.00	81.00	69.00
Pottawattamie .....	255.00	273.00	69.50	82.50
Taylor .....	205.00	227.00	64.00	76.00
<b>South Central</b>				
Appanoose .....	–	168.00	54.00	45.50
Clarke .....	174.00	172.00	55.50	60.00
Decatur .....	161.00	171.00	67.50	68.50
Lucas .....	169.00	163.00	38.00	47.50
Madison .....	208.00	216.00	63.50	58.50
Marion .....	193.00	209.00	44.50	50.50
Monroe .....	176.00	175.00	46.50	40.00
Ringgold .....	204.00	184.00	61.50	72.50
Union .....	216.00	213.00	72.00	73.00
Warren .....	207.00	187.00	50.50	47.00
Wayne .....	164.00	170.00	61.50	0.00
<b>Southeast</b>				
Davis .....	154.00	183.00	65.00	58.00
Des Moines .....	220.00	245.00	56.50	63.50
Henry .....	234.00	250.00	45.50	53.00
Jefferson .....	243.00	260.00	43.50	58.50
Keokuk .....	226.00	231.00	46.50	57.00
Lee .....	206.00	225.00	37.00	30.00
Louisa .....	229.00	243.00	28.00	31.00
Mahaska .....	239.00	252.00	58.00	66.00
Van Buren .....	168.00	186.00	34.00	39.50
Wapello .....	231.00	240.00	53.50	68.00
Washington .....	237.00	266.00	61.50	63.00
Other counties <sup>1</sup> .....	248.00	(X)	58.50	56.00
<b>Iowa</b> .....	<b>256.00</b>	<b>269.00</b>	<b>59.50</b>	<b>60.50</b>

(X) Not applicable.

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

<sup>1</sup> Includes counties not published individually.

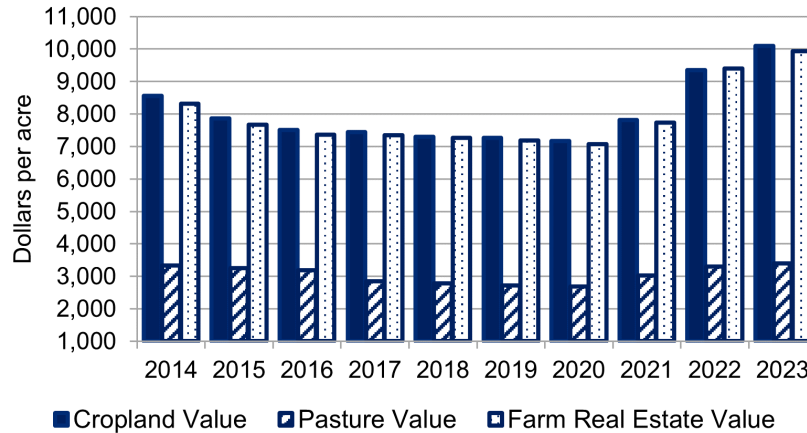
## Land Values – Iowa: 2019-2023

Item	2019	2020	2021	2022	2023
Cropland, average value (dollars per acre) .....	7,260	7,170	7,810	9,350	10,100
Pasture, average value (dollars per acre) .....	2,720	2,690	3,020	3,300	3,400
Farm real estate, average value (dollars per acre) .....	7,190	7,070	7,740	9,400	9,930
Value of farmland and buildings <sup>1</sup> (million dollars) .....	220,014	216,342	236,070	286,700	(NA)

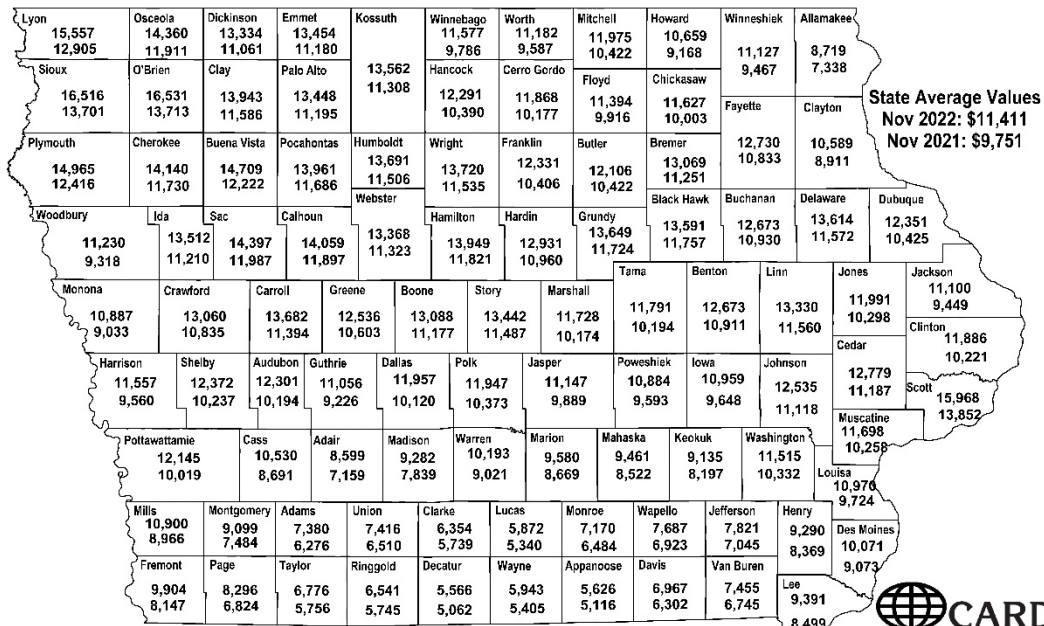
(NA) Not available. 2023 land in farms acres used in this calculation will be released in February 2024.

<sup>1</sup> 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: 2014-2023



## 2022 and 2021 Iowa Average Land Values, by County

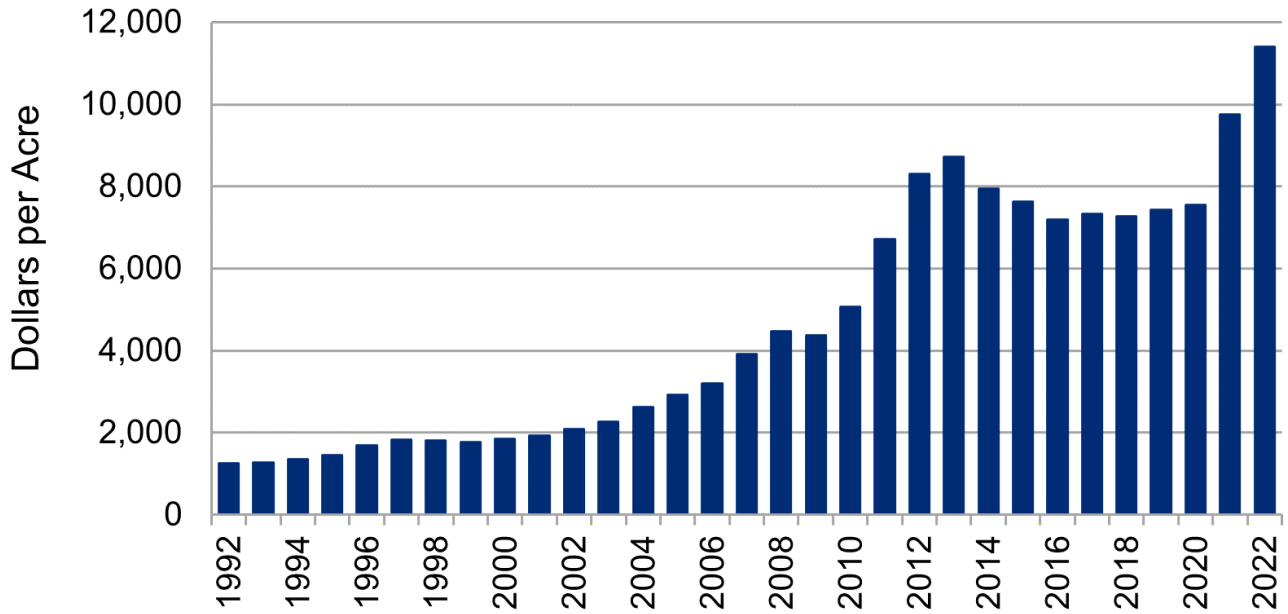


County estimates of average dollar value per acre for Iowa farmland based on U.S. Census of Agriculture estimates and the Nov. 1, 2022, Iowa Land Value Survey conducted by Center for Agricultural and Rural Development, Iowa State University and Iowa State University Extension and Outreach. The top figure is the estimated Nov. 1, 2022, value; the bottom figure is the estimated Nov. 1, 2021, value.

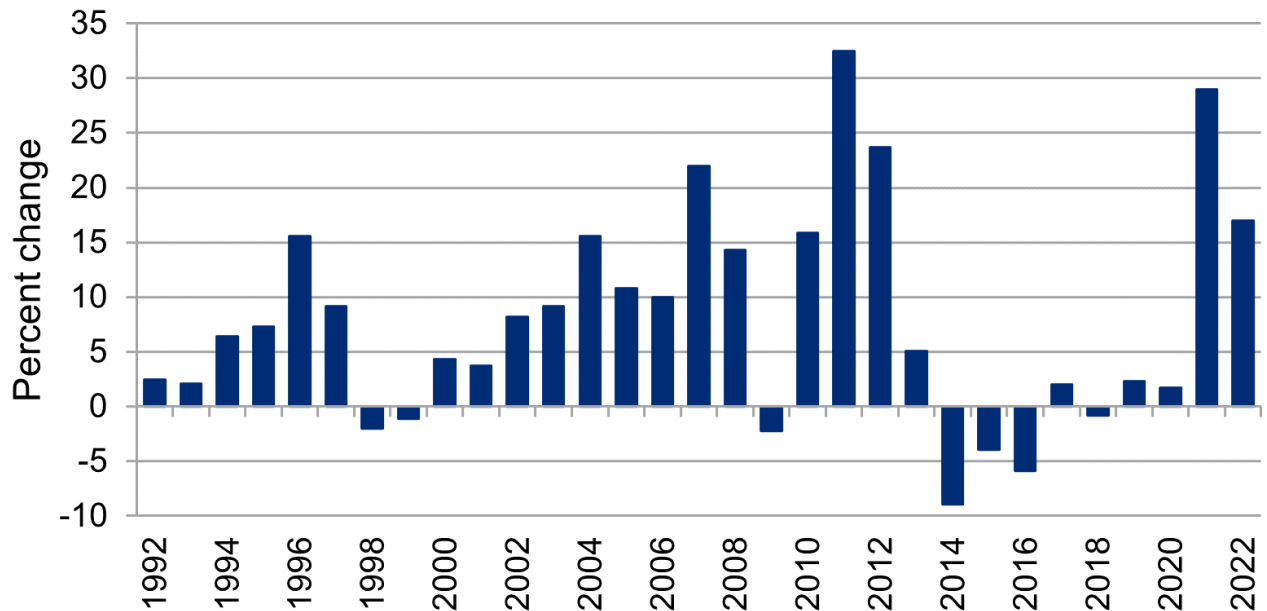


Iowa Land Values by County Map Provided by Iowa State University's Extension and Outreach and Center for Agriculture and Rural Development.

## Land Values Iowa: 1992-2022



## Land Values, Percent Changes Iowa: 1992-2022



Source: 2022 Land Value Survey, Iowa State University, Center for Agricultural and Rural Development

## Farm Custom Rates – Iowa: 2023

[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	\$14.80	\$10.00	\$20.00
Moldboard plowing	19.80	15.00	25.00
Chisel plowing	19.75	10.00	25.00
Disk/chiseling	22.95	12.75	31.00
Vertical tillage	22.05	12.00	35.00
Strip tillage	24.35	15.00	35.00
Subsoiling (8-15 in. deep)	25.30	15.00	35.00
V-ripping (over 15 in. deep)	25.25	16.00	35.00
V-ripping with tandem disk	26.20	13.50	40.00
Disking, tandem	17.55	10.00	25.80
Disking, heavy or offset	21.75	18.75	26.00
Harrowing or dragging	11.25	7.00	15.00
Soil finishing	18.25	9.50	28.00
Field cultivating	17.75	7.50	30.00
Rock picking	19.25	17.00	25.00
Cultivating, conventional	14.05	13.00	16.25
Rotary hoeing	10.60	10.00	11.00
Land rolling	8.65	5.50	15.00

### PLANTING, DRILLING, AND SEEDING / ACRE

Planting -			
-with fertilizer & insecticide attach	\$27.10	15.00	35.00
-without attachments	24.70	13.00	36.00
-with splitters & attachments	23.80	12.50	34.50
-with high-speed planter	27.90	14.00	45.00
-no-till planter	27.10	12.75	42.50
-no-till planter with splitters	26.80	13.00	35.00
Extra charge for seed shut-offs	2.90	0.50	7.00
Extra charge for var. rate seeding	2.80	0.50	6.00
Extra charge for GPS use	3.00	0.50	6.00
Seed tender	4.60	0.25	14.00
Drilling soybeans	20.20	13.00	27.50
Drilling soybeans, no-till	23.05	13.00	32.00
Drilling grass seed	25.25	10.00	33.00
Drilling small grain	17.70	10.00	20.00
Seeding grass, broadcast w/tractor	13.75	10.00	15.00
Seeding grass, broadcast with ATV	15.95	8.00	25.00
Aerial seeding of cover crop	14.65	11.00	18.00
Drilling cover crop seed	20.40	10.00	30.00

### SPRAYING / ACRE (materials not included)

Ground, broadcast, tractor	\$7.00	\$5.00	\$8.50
Ground, incorporated, tractor	8.35	7.95	8.50
Ground, broadcast, self-propelled	8.40	5.00	13.00
Ground, broadcast, self-prop, tall-crop	10.35	6.75	16.00
Ground, road ditches / hour	80.45	30.00	120.00
Aerial	10.90	9.00	12.50

### FERTILIZER APPLICATION / ACRE (materials not included)

	(average)	(range)	
Dry bulk – applied	\$7.20	\$3.50	\$11.00
Liquid – spraying	7.75	6.50	9.00
– side dressing	12.90	7.00	16.35
– high clearance, drop hose, Y spray	13.30	7.50	18.00
Anhydrous – injecting, with tool bar	14.70	7.50	26.00
– injecting, without tool bar	12.10	8.00	14.34
Spreading lime / ton	7.50	5.50	11.00

### HARVESTING, DRYING, AND HAULING GRAIN

Corn combining / acre	41.30	30.00	64.00
-with chopper head / acre	44.10	24.25	65.00
-added charge for corn reel / acre	8.20	5.00	10.00
Soybean combining / acre	39.90	25.00	66.00
-with air reel / acre	39.65	36.00	48.50
-with draper head / acre	42.80	22.25	70.00
Small grain combining / acre			
Complete harvesting (combine, grain cart, haul to farm storage)			
-Corn / acre	65.75	40.00	120.00
-Soybeans / acre	60.10	32.00	110.00
Added charge for GPS mapping	3.50	1.00	5.25
Drying corn (includes fuel, electricity, labor)			
-continuous flow dryer, point / bu	0.045	0.045	0.050
-bin dryer, point / bu	0.040	0.030	0.040
Handling grain by auger / bu	0.105	0.050	0.200
Hauling grain			
-grain cart, corn, / acre	7.35	0.50	18.00
-grain cart, soybeans / acre	6.25	0.50	15.00
-to farm storage, wagon / bu	0.085	0.050	0.150
-farm storage to market, wagon / bu	0.095	0.070	0.120
-to market, truck (5 mi, 1-way) / bu	0.135	0.060	0.180
-to market, truck (25 mi, 1-way) / bu	0.210	0.090	0.400
-to market, truck (100 mi, 1-way) / bu	0.355	0.140	0.500

### HARVESTING FORAGES

Hay -mowing / acre	\$13.70	\$10.00	\$20.00
-mowing/conditioning / acre	16.60	10.50	21.00
-raking / acre	8.35	5.00	15.00
-windrowing / acre	17.80	16.00	20.00
-tedding / acre	7.95	4.00	12.00
Hay baling -small square bales / bale	0.89	0.60	1.00
-large round bales w/o wrap / bale	13.55	12.00	15.00
-large round bales with wrap / bale	14.70	12.00	18.00
Straw or corn stalk baling			
-lg round or sq without wrap / bale	16.00	13.00	17.00
-lg round or sq with wrap / bale	15.60	13.00	18.25
Moving lg round bales to storage / bale	3.45	2.50	5.00
Silage -chopping / hr / head row	108.70	77.00	156.25
Silage -chopping / ton	7.80	7.00	9.80
Filling silage bags / foot of bag	9.20	5.90	11.10
Earlage or snaplage - chopping / acre	85.50	65.00	100.00



**MISCELLANEOUS SERVICES**  
**(labor, fuel, and equipment included)**

	(average)	(range)	
Removing snow (loader) / hour	\$110.75	\$80.00	- \$150.00
Removing snow (blade) hour / ft blade	11.50	1.50	- 18.75
Removing snow (blower) hour / ft blwr	18.45	13.75	- 25.00
Spread liquid manure, inject / 1,000 gal	16.65	10.00	- 20.00
Apply liq manure w/drag line 1,000 gal	13.50	12.00	- 16.00
Loading solid manure / hour	115.00	100.00	- 125.00
Loading, spreading solid manure / hour	164.00	140.00	- 200.00
Power washing / hour	54.70	47.00	- 65.00
Scouting crops / acre	6.20	5.00	- 8.00
GPS grid soil testing / acre	6.45	2.50	- 9.50
Managing stored grain / bu	0.09	0.05	- 0.10
Vacuuuming grain / bu	0.15	0.08	- 0.25
Livestock hauling/trailer / loaded mile	3.80	3.25	- 4.00
Bulldozing / hour / foot of blade	17.90	12.50	- 21.43
Tiling, tile plow (excl mats) / ft	1.05	0.75	- 1.10
Backhoeing / hour	109.95	85.00	- 125.00
Chain sawing / hour	77.80	65.00	- 100.00
Welding machinery / hour	80.00	70.00	- 90.00
Mowing CRP or pasture / acre	25.25	10.00	- 50.00
Control burn grass, CRP, pasture / acre	37.20	13.00	- 60.00
Mowing fence rows, ditches / hour	88.15	50.00	- 140.00
Mowing lawns / hour	57.85	40.00	- 80.00
Chopping brush / acre	38.20	25.00	- 50.00
Using truck scale / load weighed	9.05	2.25	- 15.00

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

	(average)	(range)	
Corn / acre	\$152.60	\$75.00	- \$275.00
Soybeans / acre	139.65	70.00	- 275.00

**FARM LABOR WAGES FOR OPERATING MACHINERY**

	(average)	(range)	
Spraying or harvesting / hour	\$23.85	\$16.00	- \$40.00
Other operations / hour	21.75	13.50	- 40.00

**BIN RENTAL**

	(average)	(range)	
Storing grain, bin rental bu / month	\$0.030	\$0.015	- \$0.040
Storing grain, bin rental bu / year	0.165	0.080	- 0.250

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

	(average)	(range)	
Tractor / horsepower / hour	\$0.27	\$0.20	- \$0.33
Corn head for combine / acre	10.70	8.50	- 14.00
Soybean head for combine / acre	13.55	12.00	- 16.00
Grain cart with auger, corn / acre	5.75	2.50	- 7.00
Grain cart with auger, soybeans / acre	5.80	2.00	- 6.50
Grain truck (semi) bushel / round trip	0.16	0.12	- 0.18
Grain auger / bu	0.11	0.08	- 0.12
Grain vacuum / bu	0.13	0.10	- 0.15
Skid loader / hour	73.50	50.00	- 100.00
Anhydrous fertilizer app / acre	4.50	3.00	- 6.50

Source: Iowa State University Extension and Outreach

## Farm Labor, Employment, and Wage Rates by Quarter – Corn Belt II Region and United States: 2019-2023

[Cornbelt II Region includes Iowa and Missouri.]

Year and month	Number of hired workers	Hours worked per worker	Wage rates by type of worker <sup>1</sup>			
			Field	Livestock	Field and livestock combined	Wage rates for all hired workers
	(1,000)	(hours per week)	(dollars per hour)	(dollars per hour)	(dollars per hour)	(dollars per hour)
<b>Cornbelt II Region</b>						
<b>2019</b>						
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
<b>2020</b>						
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
<b>2021</b>						
January .....	20	38.4	15.77	15.97	15.90	16.79
April .....	25	39.9	15.61	16.05	15.85	16.69
July .....	22	35.5	16.27	15.94	16.12	16.89
October .....	25	41.0	17.11	16.09	16.77	17.26
<b>2022</b>						
January .....	19	34.6	18.59	17.82	18.11	18.86
April .....	23	36.0	17.89	17.92	17.90	18.52
July .....	22	39.3	16.67	17.42	17.00	18.10
October .....	29	40.6	17.25	17.53	17.34	18.19
<b>2023</b>						
January .....	23	36.7	17.92	18.23	18.11	19.05
April .....	27	39.7	17.31	17.70	17.51	18.25
<b>United States</b>						
<b>2019</b>						
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
<b>2020</b>						
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
<b>2021</b>						
January .....	506	40.2	15.23	14.87	15.08	16.21
April .....	613	40.9	15.19	14.81	15.06	15.97
July .....	797	41.0	16.10	15.19	15.85	16.59
October .....	772	42.0	16.08	15.45	15.92	16.59
<b>2022</b>						
January .....	507	39.3	16.54	16.12	16.37	17.63
April .....	630	39.7	16.50	15.82	16.27	17.22
July .....	797	41.1	16.80	16.65	16.76	17.63
October .....	785	41.8	17.04	16.52	16.90	17.72
<b>2023</b>						
January .....	511	38.9	17.67	16.71	17.26	18.55
April .....	651	40.6	17.26	16.48	16.99	18.08

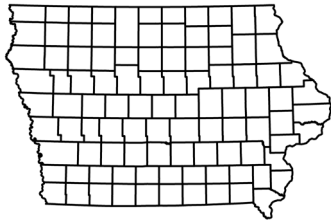
<sup>1</sup> Benefits, such as cash bonuses, housing, or meals, are provided to some workers. Wage rates published in this release do not include the value of these benefits.

# COUNTY HIGHLIGHTS

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

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

## STATE OF IOWA



### Census of Agriculture – 2017

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

### Cattle – January 1, 2023

	Number of head
All cattle and calves	3,650,000
Beef cows	860,000
Milk cows	240,000

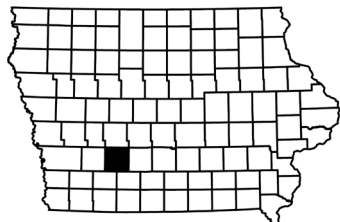
### Crops – 2022 Acreage, Yield, and Production

	Area planted (acres)	Area harvested (acres)	Yield per acre (bu/acre)	Production (1,000 bu)
Corn for grain	12,900,000	12,400,000	200.0	2,480,000
Soybeans	10,100,000	10,030,000	58.5	586,755
Oats	130,000	40,000	80.0	3,200

Key for the county tables:

- (D) Withheld to avoid disclosing data for individual operations or does not meet publication standards.
- (X) Not applicable.
- 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)

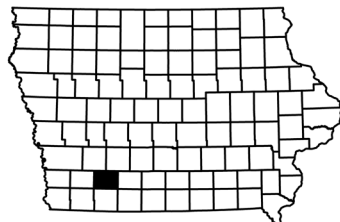
### Cattle – January 1, 2023

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

### Crops – 2022 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	110,500	106,700	164.2	17,520	75
Soybeans	107,500	106,800	47.5	5,076	63
Oats	1,700	270	61.1	16.5	28

## 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

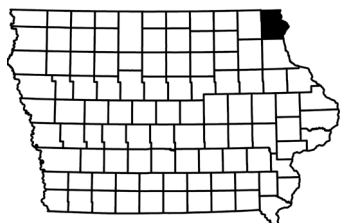
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	26,500	51T
Beef cows	11,900	22
Milk cows	(D)	(X)

### Crops – 2022 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	(D)	(D)	(D)	(D)	(X)
Soybeans	(D)	(D)	(D)	(D)	(X)
Oats	(D)	(D)	(D)	(D)	(X)

## 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

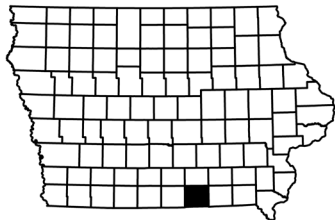
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	63,000	12
Beef cows	17,700	3T
Milk cows	14,300	4

### Crops – 2022 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	90,900	76,400	215.9	16,495	77
Soybeans	36,700	36,500	61.2	2,234	91
Oats	6,300	2,400	69.6	167.0	2

## 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

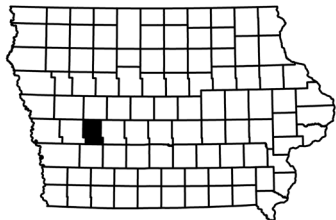
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	27,000	49T
Beef cows	14,200	13T
Milk cows	200	39T

### Crops – 2022 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	30,000	28,400	146.1	4,149	96
Soybeans	50,200	49,900	40.4	2,016	93
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

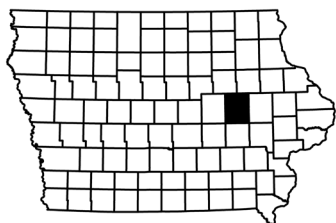
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	27,500	47T
Beef cows	6,400	45
Milk cows	(D)	(X)

### Crops – 2022 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	110,500	107,600	197.9	21,294	66
Soybeans	95,000	94,400	57.9	5,466	60
Oats	(D)	(D)	(D)	(D)	(X)

## 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

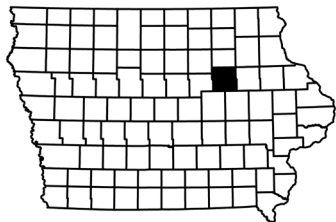
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	33,500	32
Beef cows	10,900	26
Milk cows	4,800	12

### Crops – 2022 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	188,000	180,800	221.7	40,083	6
Soybeans	153,500	152,400	66.1	10,074	3
Oats	1,100	480	80.0	38.4	11

## 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

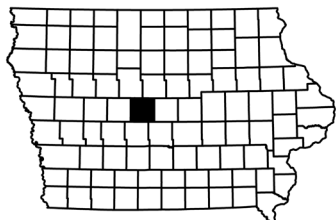
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	15,500	78
Beef cows	3,400	62
Milk cows	1,000	27T

### Crops – 2022 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	134,000	132,200	202.5	26,771	49
Soybeans	99,500	98,800	64.5	6,373	42
Oats	(D)	(D)	(D)	(D)	(X)

## 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

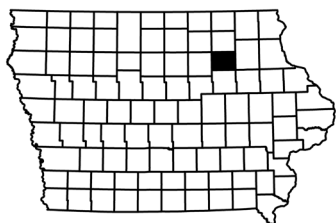
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	13,300	84
Beef cows	3,700	59T
Milk cows	(D)	(X)

### Crops – 2022 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	152,500	151,200	202.4	30,603	34
Soybeans	111,000	110,200	60.4	6,656	38
Oats	500	170	78.8	13.4	32

## 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

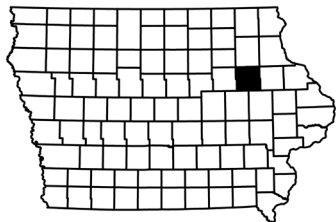
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	23,000	62
Beef cows	3,900	57
Milk cows	3,000	16

### Crops – 2022 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	114,500	111,100	210.8	23,420	59
Soybeans	75,500	75,000	66.7	5,006	64
Oats	(D)	(D)	(D)	(D)	(X)

## 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

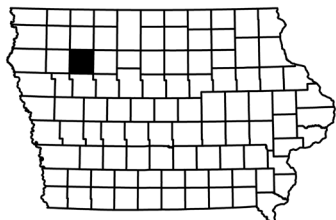
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	21,000	67
Beef cows	4,300	55
Milk cows	2,400	17T

### Crops – 2022 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	170,500	167,100	209.7	35,041	17
Soybeans	96,300	95,600	65.0	6,214	44
Oats	1,100	500	75.4	37.7	12

## 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)

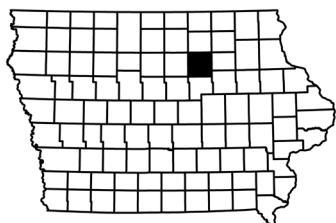
### Cattle – January 1, 2023

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

### Crops – 2022 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	162,000	159,000	197.0	31,323	32
Soybeans	144,500	143,500	57.2	8,208	17
Oats	(D)	(D)	(D)	(D)	(X)

## 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

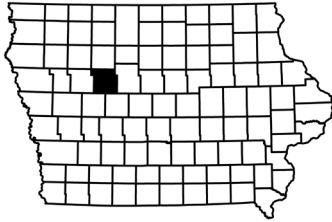
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	22,500	63
Beef cows	6,900	42
Milk cows	1,800	22T

### Crops – 2022 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	162,000	157,800	212.4	33,517	25
Soybeans	105,500	104,800	61.6	6,456	40
Oats	(D)	(D)	(D)	(D)	(X)

## 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

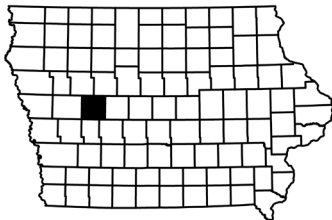
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	17,800	75T
Beef cows	5,300	47
Milk cows	(D)	(X)

### Crops – 2022 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	175,500	173,700	202.3	35,140	16
Soybeans	136,500	135,600	61.2	8,298	15
Oats	(D)	(D)	(D)	(D)	(X)

## 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

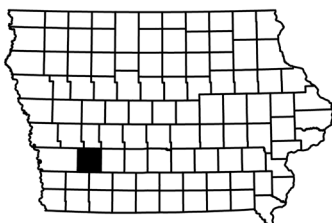
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	55,000	16
Beef cows	9,800	31
Milk cows	(D)	(X)

### Crops – 2022 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	176,000	173,700	195.7	33,993	23
Soybeans	118,500	117,700	58.9	6,933	30
Oats	300	150	84.7	12.7	33

## 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, 2023

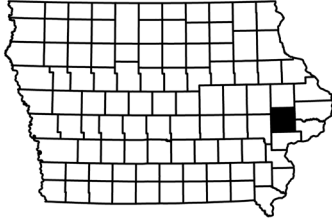
	Number of head	Rank in state
All cattle and calves	38,500	25T
Beef cows	(D)	(X)
Milk cows	(D)	(X)

### Crops – 2022 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	127,500	123,900	179.2	22,203	62
Soybeans	120,500	119,700	51.2	6,129	46
Oats	(D)	(D)	(D)	(D)	(X)



## 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

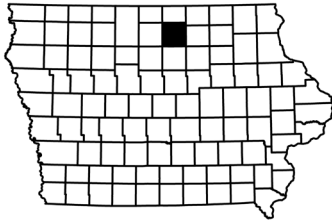
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	22,000	64T
Beef cows	7,700	40
Milk cows	200	39T

### Crops – 2022 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	149,500	147,600	221.4	32,679	26
Soybeans	122,000	121,000	67.0	8,104	18
Oats	700	380	66.8	25.4	19

## 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

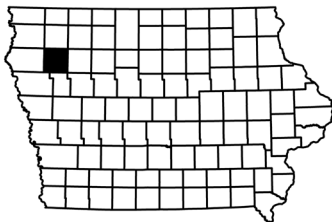
### Cattle – January 1, 2023

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

### Crops – 2022 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	163,500	160,600	216.9	34,834	18
Soybeans	110,500	109,800	60.8	6,676	37
Oats	800	420	89.5	37.6	13

## 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

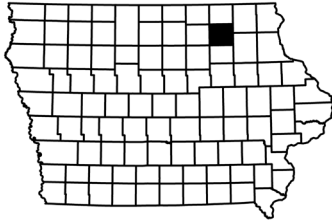
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	61,000	15
Beef cows	(D)	(X)
Milk cows	(D)	(X)

### Crops – 2022 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	147,500	135,800	198.8	26,997	48
Soybeans	133,000	132,100	59.6	7,873	22
Oats	(D)	(D)	(D)	(D)	(X)

## 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

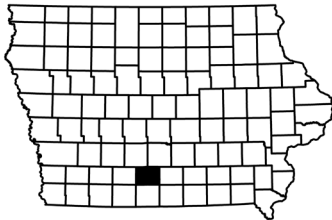
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	32,000	34
Beef cows	5,500	46
Milk cows	2,400	17T

### Crops – 2022 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	146,000	139,800	214.6	30,001	38
Soybeans	88,200	87,600	63.6	5,571	56
Oats	1,000	120	57.5	6.9	36

## 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

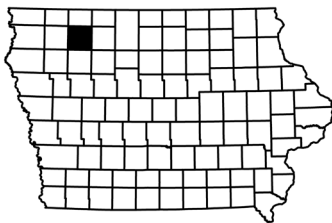
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	32,500	33
Beef cows	15,400	8
Milk cows	(D)	(X)

### Crops – 2022 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	(D)	(D)	(D)	(D)	(X)
Soybeans	40,200	39,900	40.2	1,604	96
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

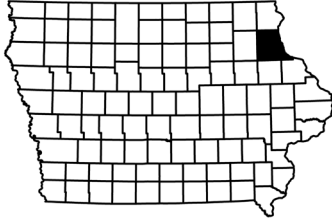
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	27,000	49T
Beef cows	4,700	51
Milk cows	(D)	(X)

### Crops – 2022 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	149,000	138,100	191.5	26,446	51
Soybeans	122,000	121,200	56.9	6,896	31
Oats	(D)	(D)	(D)	(D)	(X)

## 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

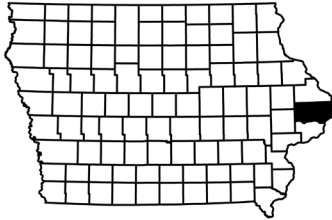
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	67,000	10
Beef cows	17,300	5
Milk cows	12,800	5

### Crops – 2022 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	136,500	128,700	215.4	27,722	47
Soybeans	68,500	68,000	64.5	4,383	76
Oats	4,300	1,200	67.7	81.2	6

## 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)

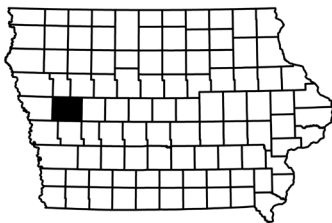
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	64,000	11
Beef cows	14,400	10T
Milk cows	3,900	14

### Crops – 2022 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	184,000	180,400	225.2	40,626	5
Soybeans	123,000	122,200	66.0	8,065	20
Oats	1,000	210	73.3	15.4	29

## 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

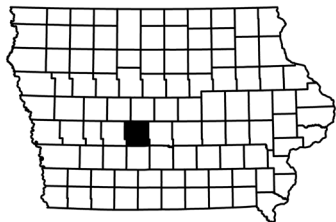
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	49,500	18
Beef cows	17,200	6
Milk cows	100	48T

### Crops – 2022 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	202,500	199,000	216.4	43,064	3
Soybeans	145,500	144,500	62.8	9,072	7
Oats	(D)	(D)	(D)	(D)	(X)

## 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

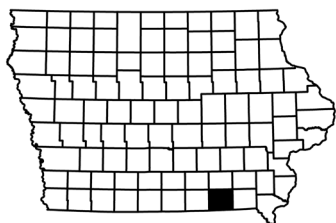
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	20,500	68
Beef cows	(D)	(X)
Milk cows	(D)	(X)

### Crops – 2022 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	130,000	128,500	187.2	24,055	58
Soybeans	99,000	98,300	59.8	5,878	50
Oats	(D)	(D)	(D)	(D)	(X)

## 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

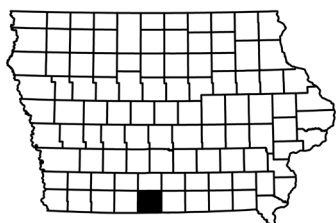
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	28,000	46
Beef cows	13,700	15
Milk cows	2,300	19T

### Crops – 2022 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	43,600	40,000	154.9	6,196	93
Soybeans	56,900	56,500	44.6	2,522	88
Oats	800	150	42.7	6.4	37

## 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)

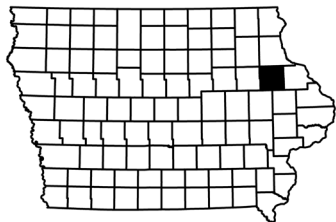
### Cattle – January 1, 2023

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

### Crops – 2022 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	32,300	30,600	148.7	4,550	94
Soybeans	46,600	46,300	37.9	1,757	94
Oats	(D)	(D)	(D)	(D)	(X)

## 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

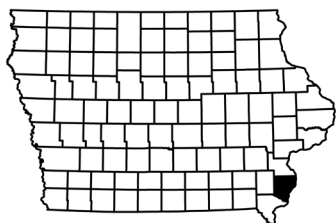
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	115,000	4
Beef cows	12,200	20
Milk cows	9,600	7

### Crops – 2022 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	178,000	161,800	230.8	37,343	9
Soybeans	72,400	71,900	67.4	4,849	68
Oats	2,700	710	73.1	51.9	10

## DES MOINES COUNTY



### Census of Agriculture – 2017

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

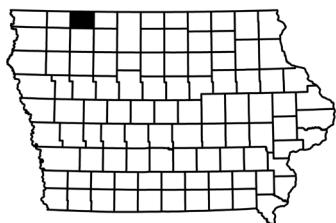
### Cattle – January 1, 2023

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

### Crops – 2022 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	69,900	68,800	194.8	13,402	81
Soybeans	70,100	69,600	66.9	4,659	74
Oats	(D)	(D)	(D)	(D)	(X)

## 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

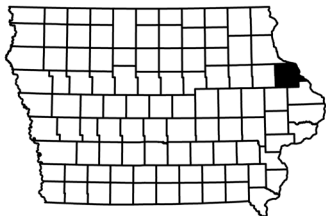
### Cattle – January 1, 2023

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

### Crops – 2022 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	94,100	92,200	203.4	18,753	72
Soybeans	80,000	79,500	58.8	4,675	73
Oats	(D)	(D)	(D)	(D)	(X)

## 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

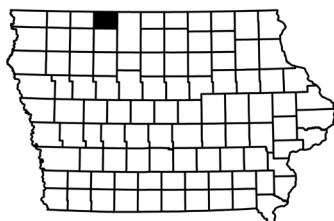
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	120,000	3
Beef cows	13,400	16T
Milk cows	24,000	2

### Crops – 2022 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	145,000	134,000	223.7	29,976	39
Soybeans	43,800	43,500	68.6	2,984	87
Oats	3,800	1,850	83.8	155.0	3

## 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)

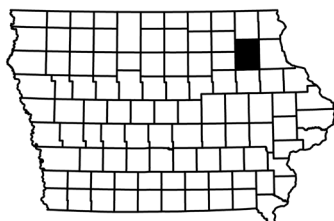
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	14,600	81
Beef cows	5,200	48T
Milk cows	(D)	(X)

### Crops – 2022 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	110,500	109,200	213.7	23,336	60
Soybeans	90,400	89,800	62.8	5,636	54
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

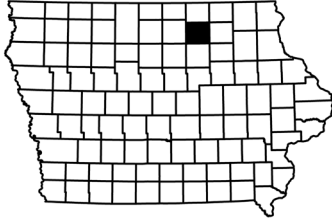
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	45,000	21
Beef cows	8,800	34
Milk cows	6,500	9

### Crops – 2022 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	184,000	177,200	209.8	37,177	11
Soybeans	117,500	116,700	63.4	7,399	29
Oats	3,100	970	70.5	68.4	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

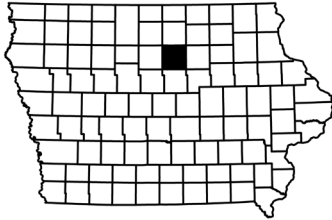
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	23,500	58T
Beef cows	3,800	58
Milk cows	1,800	22T

### Crops – 2022 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	140,500	137,600	204.6	28,153	44
Soybeans	93,900	93,300	61.9	5,775	52
Oats	(D)	(D)	(D)	(D)	(X)

## 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

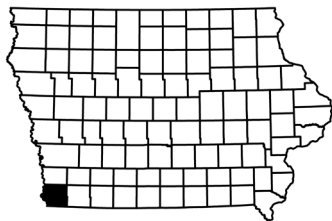
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	9,400	89
Beef cows	(D)	(X)
Milk cows	(D)	(X)

### Crops – 2022 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	188,500	186,500	220.1	41,049	4
Soybeans	120,000	119,200	62.8	7,486	28
Oats	(D)	(D)	(D)	(D)	(X)

## 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

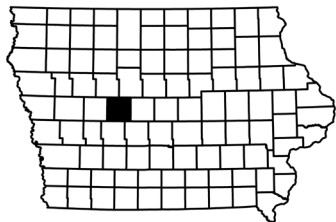
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	12,400	85
Beef cows	3,300	63
Milk cows	(D)	(X)

### Crops – 2022 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	113,000	111,400	191.6	21,344	65
Soybeans	112,000	111,200	53.4	5,938	48
Oats	(D)	(D)	(D)	(D)	(X)

## 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

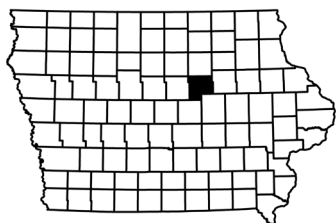
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	17,800	75T
Beef cows	4,400	54
Milk cows	(D)	(X)

### Crops – 2022 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	165,000	161,400	197.3	31,844	30
Soybeans	128,000	127,100	59.0	7,499	27
Oats	(D)	(D)	(D)	(D)	(X)

## 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

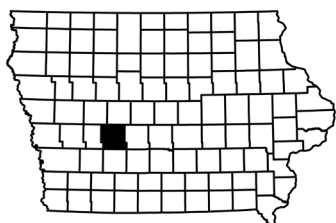
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	25,500	54
Beef cows	3,700	59T
Milk cows	600	30T

### Crops – 2022 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	154,200	207.5	31,997	28
Soybeans	124,500	123,300	64.9	8,002	21
Oats	(D)	(D)	(D)	(D)	(X)

## 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, 2023

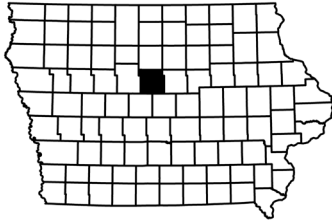
	Number of head	Rank in state
All cattle and calves	29,500	40T
Beef cows	(D)	(X)
Milk cows	(D)	(X)

### Crops – 2022 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	106,500	104,200	193.6	20,173	68
Soybeans	94,700	94,100	58.6	5,514	58
Oats	(D)	(D)	(D)	(D)	(X)



## 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

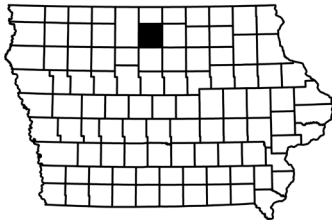
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	2,400	99
Beef cows	1,400	70
Milk cows	200	39T

### Crops – 2022 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	181,000	179,500	208.6	37,444	8
Soybeans	125,500	124,600	61.3	7,638	24T
Oats	500	260	96.2	25.0	20

## 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)

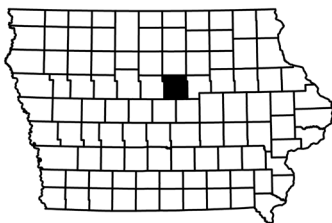
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	8,700	91
Beef cows	2,400	65T
Milk cows	200	39T

### Crops – 2022 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	170,500	168,700	211.5	35,680	14
Soybeans	133,500	132,600	63.0	8,354	13
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

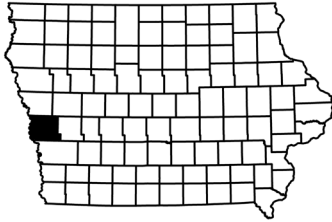
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	34,500	31
Beef cows	8,300	36T
Milk cows	100	48T

### Crops – 2022 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	174,000	172,600	215.6	37,213	10
Soybeans	108,500	107,800	63.4	6,835	33T
Oats	(D)	(D)	(D)	(D)	(X)

## 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

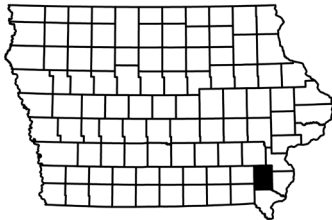
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	24,000	56T
Beef cows	9,300	32
Milk cows	(D)	(X)

### Crops – 2022 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	176,000	172,800	172.4	29,791	41
Soybeans	132,000	131,100	52.4	6,870	32
Oats	(D)	(D)	(D)	(D)	(X)

## 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

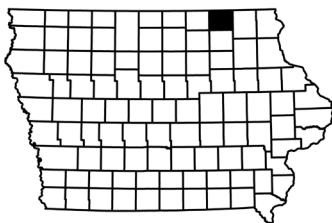
### Cattle – January 1, 2023

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

### Crops – 2022 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	78,300	77,200	167.7	12,946	82
Soybeans	72,200	71,500	60.3	4,308	78
Oats	(D)	(D)	(D)	(D)	(X)

## 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

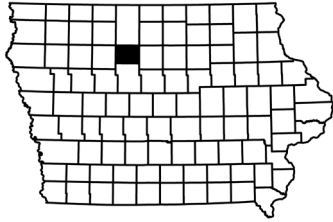
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	30,500	36T
Beef cows	4,500	53
Milk cows	3,400	15

### Crops – 2022 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	134,500	129,500	217.3	28,140	45
Soybeans	82,400	81,800	60.9	4,982	65
Oats	800	420	77.9	32.7	16

## 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

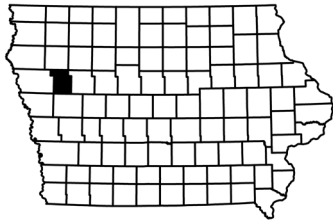
### Cattle – January 1, 2023

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

### Crops – 2022 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	128,000	126,600	195.5	24,750	53
Soybeans	108,000	107,300	59.0	6,331	43
Oats	(D)	(D)	(D)	(D)	(X)

## 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

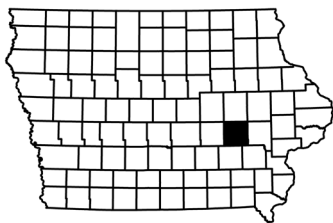
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	46,000	20
Beef cows	7,300	41
Milk cows	1,500	25

### Crops – 2022 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	122,500	118,700	221.2	26,256	52
Soybeans	99,200	98,500	63.1	6,211	45
Oats	(D)	(D)	(D)	(D)	(X)

## 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

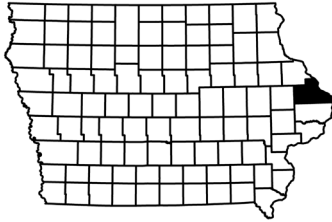
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	36,000	30
Beef cows	12,600	18T
Milk cows	200	39T

### Crops – 2022 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	122,000	119,200	205.9	24,543	55
Soybeans	99,400	98,700	61.6	6,080	47
Oats	(D)	(D)	(D)	(D)	(X)

## 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

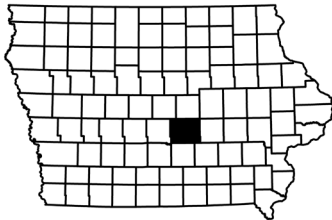
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	90,000	6
Beef cows	22,000	2
Milk cows	4,900	11

### Crops – 2022 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	114,500	111,300	219.2	24,397	56
Soybeans	59,000	58,600	66.3	3,887	81
Oats	2,700	460	64.8	29.8	17

## 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

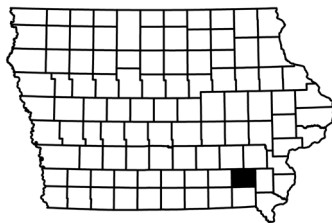
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	23,500	58T
Beef cows	8,300	36T
Milk cows	400	36

### Crops – 2022 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	173,000	170,300	203.6	34,673	19
Soybeans	142,500	141,500	60.1	8,504	10
Oats	900	210	57.1	12.0	35

## 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

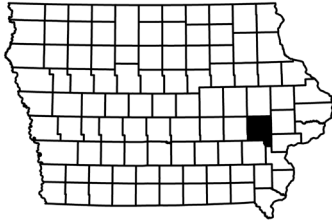
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	12,200	86
Beef cows	4,600	52
Milk cows	200	39T

### Crops – 2022 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	69,800	65,800	178.0	11,712	85
Soybeans	70,200	69,700	50.7	3,534	83
Oats	900	420	52.4	22.0	24

## 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

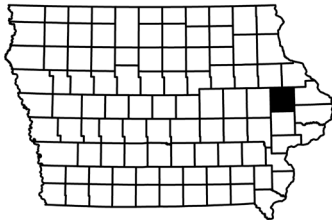
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	26,500	51T
Beef cows	10,400	29T
Milk cows	2,000	21

### Crops – 2022 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	99,900	98,200	205.2	20,151	69
Soybeans	95,300	94,700	62.1	5,881	49
Oats	900	350	80.0	28.0	18

## 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

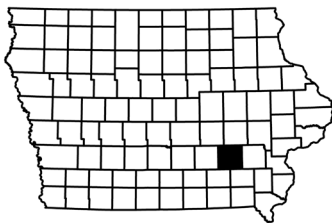
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	62,000	13T
Beef cows	14,900	9
Milk cows	1,600	24

### Crops – 2022 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	148,500	144,900	218.2	31,617	31
Soybeans	77,200	76,700	61.7	4,732	71
Oats	1,800	720	72.4	52.1	9

## 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)

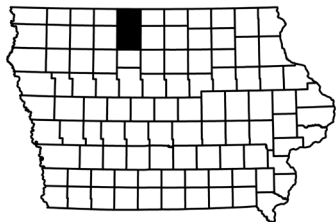
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	27,500	47T
Beef cows	12,100	21
Milk cows	(D)	(X)

### Crops – 2022 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	118,500	115,100	170.4	19,613	71
Soybeans	108,500	107,800	53.1	5,724	53
Oats	(D)	(D)	(D)	(D)	(X)

## 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

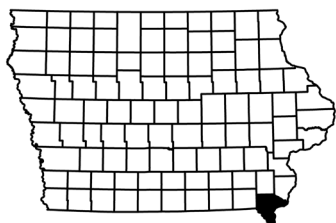
### Cattle – January 1, 2023

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

### Crops – 2022 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	292,000	289,000	197.6	57,104	1
Soybeans	232,000	230,500	56.2	12,949	1
Oats	3,800	1,760	117.0	206.0	1

## LEE COUNTY



### Census of Agriculture – 2017

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

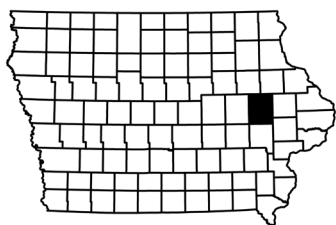
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	18,300	73T
Beef cows	7,800	39
Milk cows	600	30T

### Crops – 2022 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	72,600	71,100	178.2	12,670	84
Soybeans	73,300	72,800	54.6	3,977	80
Oats	(D)	(D)	(D)	(D)	(X)

## 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

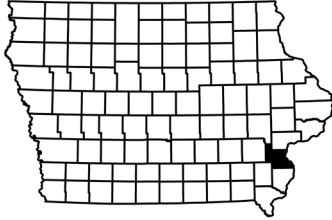
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	28,500	43T
Beef cows	11,700	23
Milk cows	1,300	26

### Crops – 2022 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	143,000	137,700	215.0	29,606	42
Soybeans	106,500	105,800	64.6	6,835	33T
Oats	1,100	260	83.1	21.6	25

## 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

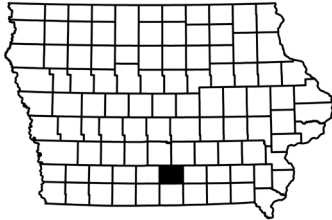
### Cattle – January 1, 2023

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

### Crops – 2022 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	78,000	77,100	196.3	15,135	78
Soybeans	71,400	70,900	61.4	4,356	77
Oats	(D)	(D)	(D)	(D)	(X)

## 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

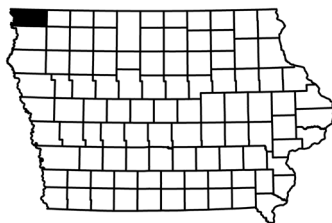
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	30,000	38T
Beef cows	16,500	7
Milk cows	(D)	(X)

### Crops – 2022 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	31,600	29,800	139.5	4,157	95
Soybeans	39,900	39,600	43.1	1,707	95
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

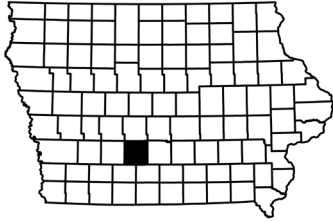
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	175,000	2
Beef cows	12,600	18T
Milk cows	11,300	6

### Crops – 2022 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	182,500	151,200	190.8	28,849	43
Soybeans	123,500	122,700	62.2	7,638	24T
Oats	800	380	87.9	33.4	15

## MADISON COUNTY



### Census of Agriculture – 2017

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

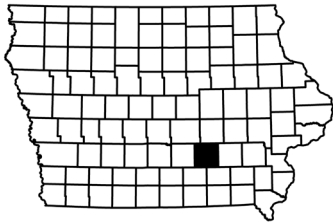
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	26,500	51T
Beef cows	14,400	10T
Milk cows	(D)	(X)

### Crops – 2022 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	69,300	68,400	166.9	11,416	86
Soybeans	67,900	67,400	55.4	3,737	82
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

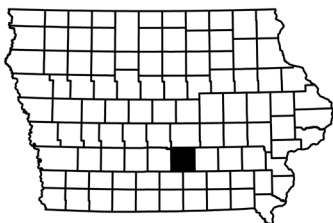
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	29,000	42
Beef cows	8,500	35
Milk cows	200	39T

### Crops – 2022 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	127,500	125,100	186.3	23,306	61
Soybeans	109,000	108,300	59.3	6,427	41
Oats	(D)	(D)	(D)	(D)	(X)

## 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, 2023

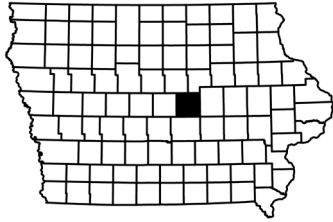
	Number of head	Rank in state
All cattle and calves	25,000	55
Beef cows	10,400	29T
Milk cows	500	33T

### Crops – 2022 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	74,800	73,400	175.2	12,860	83
Soybeans	74,400	73,900	57.8	4,273	79
Oats	1,500	190	77.4	14.7	30



## 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

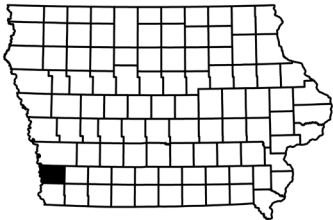
### Cattle – January 1, 2023

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

### Crops – 2022 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	149,500	140,200	214.1	30,017	37
Soybeans	119,000	118,200	65.0	7,683	23
Oats	400	200	72.5	14.5	31

## 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

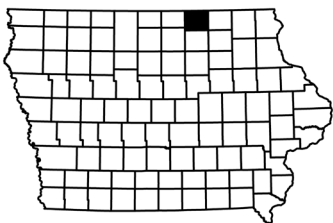
### Cattle – January 1, 2023

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

### Crops – 2022 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	95,900	95,200	191.1	18,193	74
Soybeans	91,300	90,700	52.1	4,725	72
Oats	(D)	(D)	(D)	(D)	(X)

## 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

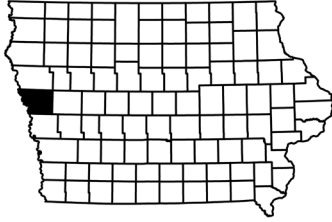
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	52,000	17
Beef cows	4,800	50
Milk cows	4,100	13

### Crops – 2022 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	148,000	140,000	217.9	30,506	35
Soybeans	84,500	83,900	64.6	5,420	61
Oats	2,700	1,040	104.8	109.0	4

## 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

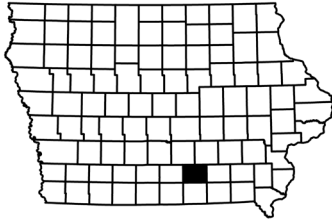
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	24,000	56T
Beef cows	6,500	43T
Milk cows	(D)	(X)

### Crops – 2022 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	167,000	164,500	168.6	27,735	46
Soybeans	141,000	140,000	48.6	6,797	35
Oats	(D)	(D)	(D)	(D)	(X)

## 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

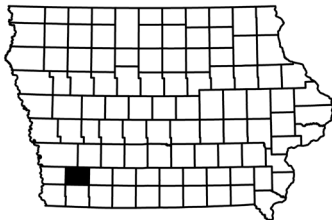
### Cattle – January 1, 2023

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

### Crops – 2022 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	23,500	22,800	145.4	3,315	97
Soybeans	32,700	32,400	47.4	1,535	97
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

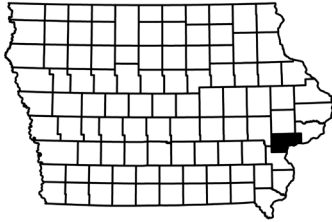
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	21,500	66
Beef cows	(D)	(X)
Milk cows	(D)	(X)

### Crops – 2022 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	92,000	90,800	187.8	17,052	76
Soybeans	88,300	87,700	54.8	4,806	70
Oats	(D)	(D)	(D)	(D)	(X)

## 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

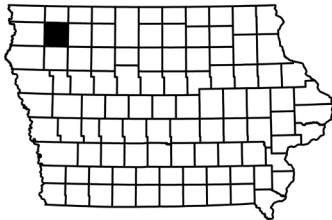
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	13,700	83
Beef cows	5,200	48T
Milk cows	200	39T

### Crops – 2022 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	89,000	87,300	213.1	18,604	73
Soybeans	76,200	75,700	65.5	4,958	66
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

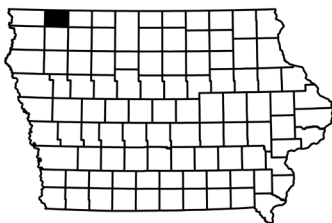
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	62,000	13T
Beef cows	6,500	43T
Milk cows	9,400	8

### Crops – 2022 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	167,000	151,400	201.2	30,462	36
Soybeans	142,500	141,500	59.4	8,405	12
Oats	1,000	190	108.9	20.7	26

## 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)

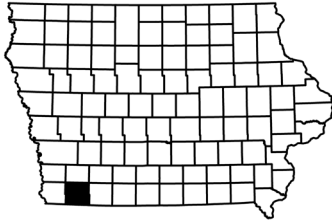
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	43,500	22T
Beef cows	3,700	59T
Milk cows	6,100	10

### Crops – 2022 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	119,000	110,800	197.6	21,894	64
Soybeans	100,000	99,300	56.3	5,591	55
Oats	(D)	(D)	(D)	(D)	(X)

## 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

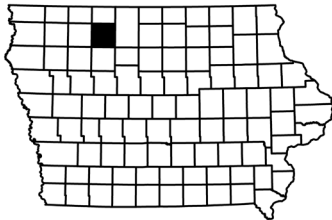
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	28,500	43T
Beef cows	11,000	25
Milk cows	(D)	(X)

### Crops – 2022 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	115,500	113,900	174.5	19,876	70
Soybeans	109,500	108,800	54.0	5,875	51
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

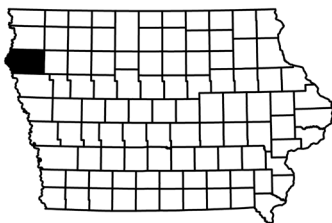
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	22,000	64T
Beef cows	2,400	65T
Milk cows	300	37T

### Crops – 2022 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	166,500	162,800	195.9	31,893	29
Soybeans	118,000	117,200	57.9	6,786	36
Oats	(D)	(D)	(D)	(D)	(X)

## 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

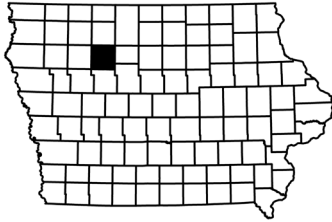
### Cattle – January 1, 2023

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

### Crops – 2022 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	232,000	206,500	171.8	35,477	15
Soybeans	196,000	194,700	47.8	9,307	6
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

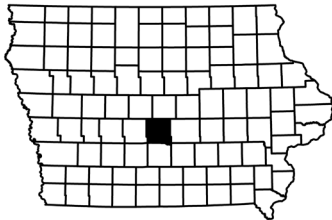
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	14,700	80
Beef cows	1,600	69
Milk cows	2,300	19T

### Crops – 2022 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	175,000	172,600	198.3	34,227	21
Soybeans	148,000	146,900	56.5	8,300	14
Oats	(D)	(D)	(D)	(D)	(X)

## 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

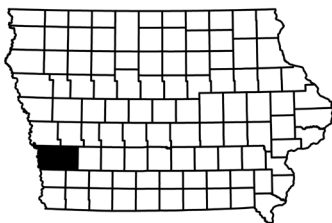
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	7,900	92
Beef cows	2,700	64
Milk cows	(D)	(X)

### Crops – 2022 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	71,700	71,100	188.6	13,409	80
Soybeans	63,300	62,900	54.1	3,402	84
Oats	(D)	(D)	(D)	(D)	(X)

## 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

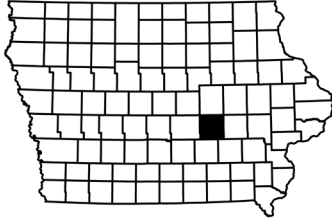
### Cattle – January 1, 2023

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

### Crops – 2022 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	235,500	233,000	195.0	45,435	2
Soybeans	203,000	201,500	51.0	10,277	2
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

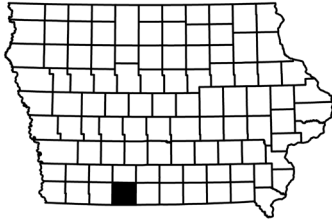
### Cattle – January 1, 2023

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

### Crops – 2022 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	139,500	137,100	193.3	26,501	50
Soybeans	125,000	124,200	60.4	7,502	26
Oats	(D)	(D)	(D)	(D)	(X)

## 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

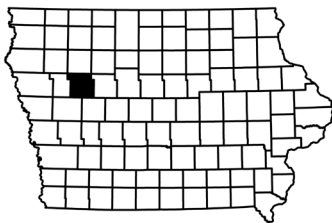
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	48,000	19
Beef cows	24,500	1
Milk cows	(D)	(X)

### Crops – 2022 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	53,000	52,200	151.8	7,924	90
Soybeans	58,900	58,300	41.8	2,438	89
Oats	(D)	(D)	(D)	(D)	(X)

## 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

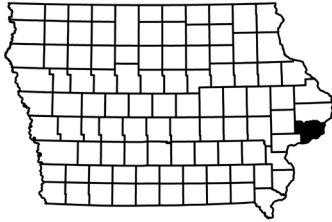
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	38,500	25T
Beef cows	8,300	36T
Milk cows	500	33T

### Crops – 2022 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	164,500	158,700	212.4	33,708	24
Soybeans	139,500	138,500	61.3	8,491	11
Oats	700	380	97.6	37.1	14

## 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

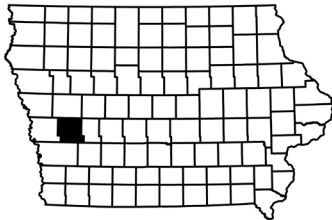
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	18,800	72
Beef cows	4,000	56
Milk cows	500	33T

### Crops – 2022 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	104,500	102,100	216.2	22,074	63
Soybeans	70,300	69,800	69.1	4,824	69
Oats	(D)	(D)	(D)	(D)	(X)

## 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

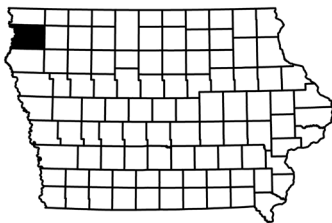
### Cattle – January 1, 2023

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

### Crops – 2022 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	167,000	165,300	209.0	34,548	20
Soybeans	140,500	139,500	58.0	8,091	19
Oats	400	190	90.0	17.1	27

## 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)

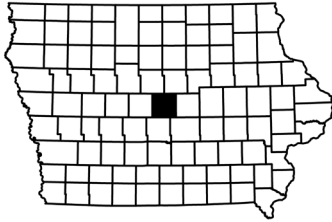
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	385,000	1
Beef cows	14,200	13T
Milk cows	39,000	1

### Crops – 2022 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	246,000	157,500	196.9	31,012	33
Soybeans	159,500	158,300	62.9	9,964	4
Oats	(D)	(D)	(D)	(D)	(X)

## 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

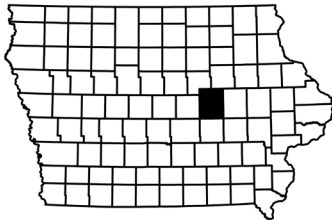
### Cattle – January 1, 2023

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

### Crops – 2022 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	158,000	156,400	207.1	32,390	27
Soybeans	111,500	110,700	60.0	6,642	39
Oats	(D)	(D)	(D)	(D)	(X)

## 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

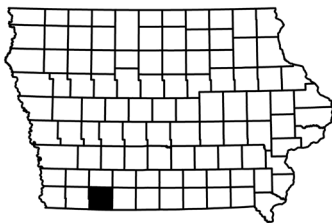
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	38,000	27
Beef cows	14,300	12
Milk cows	600	30T

### Crops – 2022 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	170,500	168,000	203.3	34,154	22
Soybeans	144,000	143,000	61.4	8,780	9
Oats	1,600	690	87.0	60.0	8

## 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, 2023

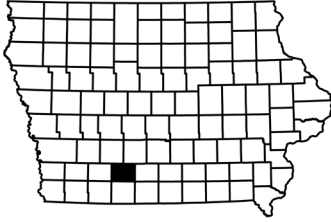
	Number of head	Rank in state
All cattle and calves	31,500	35
Beef cows	(D)	(X)
Milk cows	(D)	(X)

### Crops – 2022 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	80,900	79,600	172.1	13,699	79
Soybeans	86,700	86,100	52.9	4,555	75
Oats	(D)	(D)	(D)	(D)	(X)



## 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

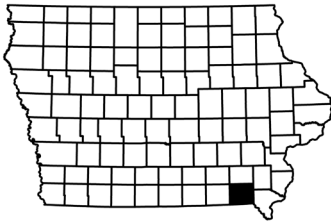
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	37,500	28
Beef cows	17,700	3T
Milk cows	(D)	(X)

### Crops – 2022 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	54,500	52,800	149.4	7,888	91
Soybeans	57,500	57,100	41.4	2,366	90
Oats	(D)	(D)	(D)	(D)	(X)

## 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

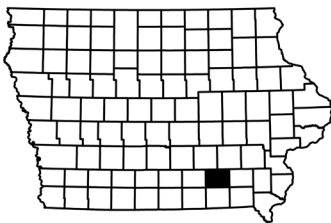
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	20,000	69
Beef cows	10,700	28
Milk cows	700	29

### Crops – 2022 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	54,200	51,500	151.9	7,823	92
Soybeans	51,300	50,800	43.6	2,213	92
Oats	700	240	50.8	12.2	34

## 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

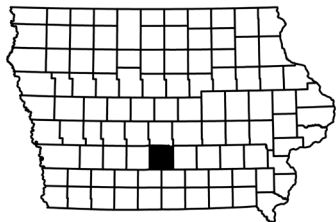
### Cattle – January 1, 2023

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

### Crops – 2022 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	55,500	54,300	170.8	9,274	88
Soybeans	58,300	57,900	53.7	3,109	86
Oats	(D)	(D)	(D)	(D)	(X)

## 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

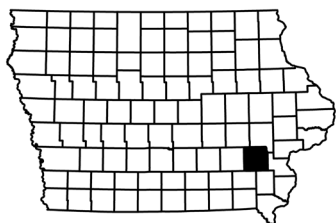
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	18,300	73T
Beef cows	10,800	27
Milk cows	(D)	(X)

### Crops – 2022 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	60,800	59,400	157.8	9,373	87
Soybeans	66,700	66,300	50.2	3,330	85
Oats	(D)	(D)	(D)	(D)	(X)

## 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

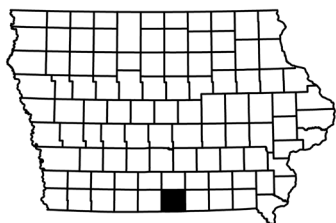
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	18,900	71
Beef cows	9,000	33
Milk cows	1,000	27T

### Crops – 2022 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	114,500	112,600	185.7	20,910	67
Soybeans	96,900	96,300	57.2	5,508	59
Oats	1,000	310	71.9	22.3	23

## 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

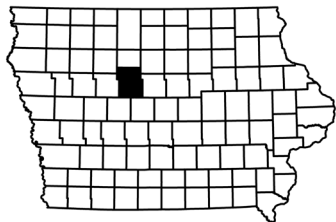
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	28,500	43T
Beef cows	13,400	16T
Milk cows	300	37T

### Crops – 2022 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	55,500	54,400	170.1	9,253	89
Soybeans	(D)	(D)	(D)	(D)	(X)
Oats	(D)	(D)	(D)	(D)	(X)

## 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)

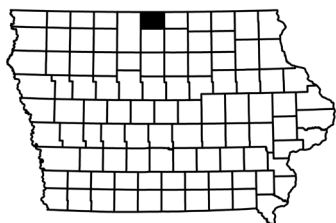
### Cattle – January 1, 2023

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

### Crops – 2022 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	195,000	192,800	201.5	38,849	7
Soybeans	158,500	157,400	57.5	9,051	8
Oats	600	320	76.9	24.6	21

## 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)

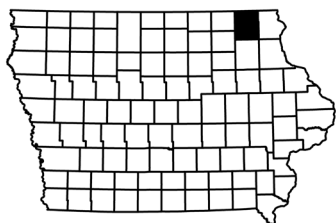
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	7,200	93T
Beef cows	1,300	71
Milk cows	(D)	(X)

### Crops – 2022 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	115,000	113,700	217.6	24,741	54
Soybeans	86,500	85,900	64.4	5,532	57
Oats	(D)	(D)	(D)	(D)	(X)

## WINNESHIEK COUNTY



### Census of Agriculture – 2017

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

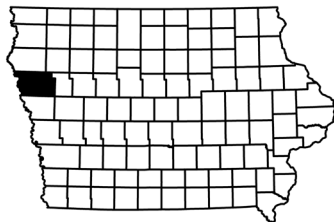
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	87,000	7
Beef cows	11,500	24
Milk cows	18,000	3

### Crops – 2022 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	157,500	141,000	212.4	29,948	40
Soybeans	74,000	73,500	66.3	4,875	67
Oats	4,700	1,360	70.9	96.4	5

## 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

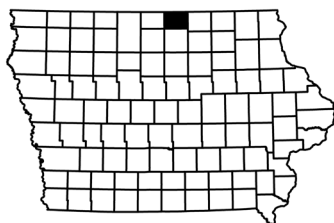
### Cattle – January 1, 2023

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

### Crops – 2022 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	199,000	178,900	200.2	35,816	13
Soybeans	170,500	169,300	56.4	9,554	5
Oats	(D)	(D)	(D)	(D)	(X)

## 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

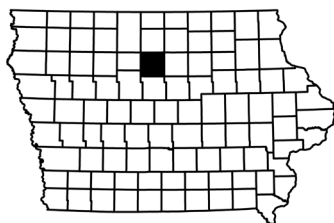
### Cattle – January 1, 2023

	Number of head	Rank in state
All cattle and calves	7,200	93T
Beef cows	2,300	67
Milk cows	200	39T

### Crops – 2022 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	112,000	110,900	219.5	24,343	57
Soybeans	86,600	86,000	62.0	5,332	62
Oats	500	270	84.1	22.7	22

## 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, 2023

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

### Crops – 2022 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	173,500	171,900	209.7	36,047	12
Soybeans	136,500	135,600	60.6	8,217	16
Oats	(D)	(D)	(D)	(D)	(X)

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# AGRICULTURE RELATED INTERNET ADDRESSES

## USDA

### NATIONAL AGRICULTURAL STATISTICS SERVICE

#### IOWA FIELD OFFICE

Home Page [www.nass.usda.gov/Statistics\\_by\\_State/Iowa/](http://www.nass.usda.gov/Statistics_by_State/Iowa/)  
Email [nassrfoumr@usda.gov](mailto:nassrfoumr@usda.gov)

#### IOWA DEPARTMENT OF AGRICULTURE AND LAND STEWARDSHIP (IDALS)

Home Page [iowaagriculture.gov](http://iowaagriculture.gov)  
Climatology Bureau [iowaagriculture.gov/climatology-bureau](http://iowaagriculture.gov/climatology-bureau)

#### IOWA FARM BUREAU

Home Page [www.iowafarmbureau.com](http://www.iowafarmbureau.com)

#### IOWA STATE UNIVERSITY

Extension Service [www.extension.iastate.edu](http://www.extension.iastate.edu)  
Center for Agricultural and  
Rural Development [www.card.iastate.edu](http://www.card.iastate.edu)

#### UNITED STATES DEPARTMENT OF AGRICULTURE (USDA)

Home Page [www.usda.gov](http://www.usda.gov)

#### USDA - ECONOMIC RESEARCH SERVICE (ERS)

Home Page [www.ers.usda.gov](http://www.ers.usda.gov)

#### USDA - NATIONAL AGRICULTURAL STATISTICS SERVICE (NASS)

Home Page [www.nass.usda.gov](http://www.nass.usda.gov)  
Information [www.nass.usda.gov/About\\_NASS/](http://www.nass.usda.gov/About_NASS/)  
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Quick Stats [quickstats.nass.usda.gov](http://quickstats.nass.usda.gov)

#### USDA - NATIONAL AGRICULTURAL LIBRARY (NAL)

Home Page [www.nal.usda.gov](http://www.nal.usda.gov)

#### USDA - WORLD AGRICULTURAL OUTLOOK BOARD (WAOB)

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