

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

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

Adair-----	SW	Davis-----	SE	Jefferson-----	SE	Pocahontas-----	NW
Adams-----	SW	Decatur-----	SC	Johnson-----	EC	Polk-----	C
Allamakee-----	NE	Delaware-----	NE	Jones-----	EC	Pottawattamie-----	SW
Appanoose-----	SC	Des Moines-----	SE	Keokuk-----	SE	Poweshiek-----	C
Audubon-----	WC	Dickinson-----	NW	Kossuth-----	NC	Ringgold-----	SC
Benton-----	EC	Dubuque-----	NE	Lee-----	SE	Sac-----	WC
Black Hawk-----	NE	Emmet-----	NW	Linn-----	EC	Scott-----	EC
Boone-----	C	Fayette-----	NE	Louisa-----	SE	Shelby-----	WC
Bremer-----	NE	Floyd-----	NC	Lucas-----	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		

# 2019 IOWA AGRICULTURAL STATISTICS



*Compiled by*

USDA, National Agricultural Statistics Service  
Upper Midwest Regional Office

*Greg Thessen, Director*  
*Cindy Adamson, Deputy Director*  
*Brad Parks, Deputy Director*  
210 Walnut Street, Suite 833  
Des Moines, Iowa 50309-2195  
(515) 776-3400

*Issued cooperatively by*

U.S. DEPARTMENT OF AGRICULTURE  
National Agricultural Statistics Service  
*Hubert Hamer, Administrator*  
Washington, D.C. 20250

and

IOWA FARM BUREAU  
*Joe Johnson, Executive Director*  
West Des Moines, IA 50266

October 2019

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

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

Enclosed you will find many interesting statistics about Iowa's vibrant and dynamic agricultural industry. I would like to highlight that in the 2018 ranking of states, Iowa ranked first in:

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

Iowa ranked second in:

- Soybean Production
- Soybean Export Value
- Red Meat Production
- Cash Receipts from Marketings
- Farm Production Expenditures
- Total Value of Agricultural Exports
- Principal Crops Value
- Field and Miscellaneous Crops Value

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

## Crops

Crop Summary: Iowa and U.S.....	11
State Rankings: Harvested Crops, Crop Production And Storage Capacity.....	12
Record Highs and Lows: Acres, Yield, and Production ....	13
Hay & Grain Marketings & Grain Storage Capacity.....	14
Estimated Crop Production Costs .....	15

### Corn

Production Map and Graphs .....	16
County Estimates.....	17
Seasonal Progress Charts .....	19
Stocks .....	20
Supply and Use .....	21
Objective Yield Data .....	22
Prices.....	23
Biotech Varieties.....	24
Silage County Estimates.....	25

### Soybeans

Production Map and Graphs .....	26
County Estimates.....	27
Seasonal Progress Charts .....	29
Stocks .....	30
Supply and Use .....	31
Objective Yield Data .....	32
Prices.....	33
Biotech Varieties.....	34

### Oats

Production Map and Graphs .....	35
County Estimates.....	36
Prices.....	37

### Hay

Alfalfa Hay & Other Hay Production Maps.....	38
Alfalfa Hay County Estimates .....	39
Other Hay County Estimates .....	41
Hay Prices .....	42
Fertilizer Tonnage Distribution .....	43

## Livestock

State Rankings: Livestock .....	44
Record Highs & Lows: Livestock Inventory .....	45

### Cattle

Inventory by County, January 1 .....	46
Inventory and Value.....	48
Annual Production, Disposition, Income, & Prices.....	49
Estimated Returns .....	50
Commercial Cattle Slaughter.....	51
Feedlots and Marketings .....	52
Cattle on Feed Inventory < 1,000 Head.....	52
Cattle on Feed Inventory 1,000+ Head.....	53
Cattle on Feed Inventory Graphs.....	54
Milk Cows Inventory and Production .....	55
Milk Production, Disposition, Cash Receipts and Income .....	56
Dairy Products Manufactured by Month .....	57

### Hogs & Pigs

Inventory.....	58
Market & Breeding Inventory .....	59
Sows Farrowed, Pigs per Litter, & Pig Crop .....	60
Annual Production, Disposition, Income, & Prices.....	61
Estimated Returns .....	62
Commercial Hog Slaughter.....	63

### Poultry

Chickens Inventory & Rate of Lay .....	64
All Layers, Inventory and Eggs per 100.....	65
Production, Income, & Eggs Produced.....	66

### Sheep

Inventory and Value.....	67
Wool Production & Income; Lamb Crop, Farm Slaughter, & Death Loss.....	68
Commercial Sheep & Lamb Slaughter .....	69

Goats .....	70
-------------	----

Bees and Honey.....	70
---------------------	----

# Economics

Farm Production Expenditures .....	71
Cash Rent Maps.....	72
Cash Rent .....	73
Land Values .....	74
Land Value Graphs .....	75
Farm Custom Rates .....	76
Labor & Wage Rates .....	78

Greene - Grundy - Guthrie .....	92
Hamilton - Hancock - Hardin .....	93
Harrison - Henry - Howard .....	94
Humboldt - Ida - Iowa .....	95
Jackson - Jasper - Jefferson .....	96
Johnson - Jones - Keokuk.....	97
Kossuth - Lee - Linn .....	98
Louisa - Lucas - Lyon.....	99
Madison - Mahaska - Marion.....	100
Marshall - Mills - Mitchell.....	101
Monona - Monroe - Montgomery.....	102
Muscatine - O'Brien - Osceola .....	103
Page - Palo Alto - Plymouth .....	104
Pocahontas - Polk - Pottawattamie .....	105
Poweshiek - Ringgold - Sac .....	106
Scott - Shelby - Sioux.....	107
Story - Tama - Taylor .....	108
Union - Van Buren - Wapello .....	109
Warren - Washington - Wayne.....	110
Webster - Winnebago - Winneshiek.....	111
Woodbury - Worth - Wright .....	112

# County Information

County Information .....	79
Adair - Adams - Allamakee.....	80
Appanoose - Audubon - Benton .....	81
Black Hawk - Boone - Bremer .....	82
Buchanan - Buena Vista - Butler .....	83
Calhoun - Carroll - Cass.....	84
Cedar - Cerro Gordo - Cherokee.....	85
Chickasaw - Clarke - Clay .....	86
Clayton - Clinton - Crawford .....	87
Dallas - Davis - Decatur.....	88
Delaware - Des Moines - Dickinson .....	89
Dubuque - Emmet - Fayette .....	90
Floyd - Franklin - Fremont .....	91



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.

# 2018 Iowa Agricultural Overview

## Crops and Weather Summary

The 2018 crop season began with below normal temperatures and frequent precipitation. The weather permitted an average of only 1.7 days suitable for fieldwork per week in April. Pasture growth was slow to begin due to persistent cold, wet weather. On April 22, 75 percent of pastures were rated in fair condition or worse. By the end of the month 17 percent of corn was planted, 4 days behind average. Oats planted was 62 percent complete, 8 days behind average, while oats emerged was at 10 percent, almost 2 weeks behind average.

In the first week of May more than half the state had more than twice the normal amount of precipitation; parts of Northeast Iowa had more than four times normal totals. As of May 27 corn planting was 96 percent complete with emergence at 77 percent. Soybeans planted was at 81 percent, a week ahead of average. Soybeans emerged had reached 44 percent. Oats headed reached 4 percent, 4 days behind average.

The last week of May capped off one of the warmest Mays on record which allowed farmers to plant nearly all of the corn crop by the beginning of June. Ninety-one percent of the corn crop had emerged by June 3. By the end of June 78 percent of the corn crop was rated in good to excellent condition. As of June 24, 4 percent of the soybean crop was blooming, 3 days ahead of average. Oats headed was at 84 percent, while oats coloring was at 6 percent. Alfalfa second cutting reached 8 percent complete.

After a wet start to the season, much of Iowa was able to dry out and the week ending July 15, farmers had 5.3 days suitable for fieldwork, the greatest number of days suitable so far for the 2018 crop year. By the end of July, 96 percent of the corn crop was in or beyond the silking stage, 2 weeks ahead of average. Soybeans setting pods was at 63 percent, 8 days ahead of average. Ninety-seven percent of the oat crop was turning color or beyond, with 61 percent of the crop harvested for grain. The third cutting of alfalfa hay reached 13 percent, 1 day ahead of average.

August began and ended with below average temperatures, while the remainder of the month saw warmer conditions. By the end of the month 92 percent of corn had reached the dough stage or beyond, 8 days ahead of average; seed corn harvest had begun. Soybeans setting pods or beyond was at 96 percent while soybeans coloring was at 11 percent, 5 days ahead of average. The third cutting of alfalfa hay was at 75 percent, 1 week ahead of average.

Three out of four weeks of September had widespread rainfall. By September 30, 88 percent of the corn crop was mature, just over a week ahead of average. Ninety-seven percent of soybeans were turning color or beyond and 88 percent of soybeans were dropping leaves. Rain and cooler temperatures were beneficial for pasture regrowth.

Rain and early snow showers the first two weeks of October limited farmers to just 1.2 days suitable for fieldwork on average. Farmers took advantage of dry weather the second half of the month to harvest. By the end of the month 71 percent of the soybean acreage was harvested. This is the smallest percentage of the soybean crop harvested by October 28 since 2009. Forty-nine percent of the corn for grain or seed was harvested, 3 days behind average.

After a warm start November's temperatures dropped and remained below normal for the remainder of the month. Farmers were still able to average 4.6 days of fieldwork per week. By the week ending November 18, soybean harvest was at 97 percent, 4 days behind average; corn harvest was at 91 percent, 4 days behind average. By the end of the season, only isolated corn fields, mostly in the south central and southwest sections of the state, remained to be harvested.

## Livestock Summary

Iowa's cattle and hog producers received \$11.7 billion in cash receipts during 2018, a 4 percent increase from receipts in 2017. Cattle and calves accounted for \$4.07 billion of the cash receipts and hog sales totaled \$7.62 billion.

Iowa producers had 3.95 million cattle and calves on farms January 1, 2019, down 50,000 from January 1, 2018. Cows that had calved totaled 1.17 million head, unchanged from a year earlier. Of this total, 950,000 head were beef cows and 220,000 head were milk cows.

There were 845,000 heifers weighing 500 pounds and over, down 1 percent from the previous year. Of this total, 160,000 head were beef cow replacements, 125,000 head were milk cow replacements, and all other heifers numbered 560,000 head.

Steers weighing 500 pounds or more were down 2 percent at 1.36 million head. Bulls 500 pounds and over were unchanged from a year ago at 70,000 head. Calves weighing under 500 pounds totaled 505,000 head, down 3 percent.

Iowa continued to rank number one in hog inventory in the United States, with 31 percent of the nation's hogs in 2018. Hogs and pigs on hand December 1, 2018, totaled 23.5 million head, up 3 percent from a year ago.

Iowa's pork producers farrowed 2.24 million sows from December 2017 through November 2018. The average pigs saved per litter was 11.13. The pig crop was 25.0 million, an increase of 8 percent from 2017.

Sheep and lambs totaled 153,000 head on January 1, 2019, a decrease of 7 percent from last year. An estimated 110,000 lambs were born during 2018.

Iowa milk production totaled 5.27 billion pounds of milk during 2018, up 2 percent from 2017. Milk cows on hand increased 2,000 from 2017, averaging 220,000 head. The annual average milk produced per cow was 23,945 pounds, up marginally from the previous year.

Slaughter plants in Iowa produced 7.70 billion pounds of red meat (beef, veal, pork, and mutton) during 2018, increasing 471 million pounds from 2017.

## Prices Summary

All milk prices averaged \$16.50 per hundredweight in 2018, down 9 percent from \$18.10 in 2017. Monthly prices averaged from a high of \$18.00 in October to a low of \$15.40 in July.

The 2017-2018 marketing year average price received for corn was \$3.31, up 1 cent from the previous year. The market year began with \$3.21 per bushel in September and ended with \$3.27 per bushel in August. The average monthly prices for the 2018 calendar year ranged from a high of \$3.57 in May to a low of \$3.24 in January.

The 2017-2018 marketing year average price for soybeans was \$9.25 per bushel, down 9 cents from the previous year. The marketing year began with \$9.18 per bushel in September and ended with \$8.38 per bushel in August. The average monthly prices for the 2018 calendar year ranged from a high of \$9.75 per bushel in April to a low of \$8.38 per bushel in August.

The 2017-2018 marketing year average price for oats was \$2.54 per bushel, up 2 cents from 2016-2017. The marketing year began with \$2.52 per bushel in July and ended with \$2.67 per bushel in June. The average monthly prices for the 2018 calendar year ranged from a high of \$3.61 per bushel in November to a low of \$2.37 in July.

The 2017-2018 marketing year average price for all hay was \$111.00 per ton, up \$22.00 from the previous year. Average monthly prices for the 2018 calendar year ranged from a high of \$139.00 per ton in December to a low of \$103.00 in July.

## Precipitation, Monthly and Annual Averages and Departures from Normal – Iowa by District: 2018

District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Average Precipitation (Inches)</b>													
Northwest	0.90	1.07	2.56	2.33	4.73	9.63	3.75	5.13	8.02	2.64	1.05	2.01	43.82
N Central	1.35	1.28	2.04	3.11	5.83	7.89	4.44	6.78	9.48	3.90	1.60	1.97	49.67
Northeast	1.53	1.79	1.59	2.33	6.68	7.63	4.23	7.25	11.76	5.87	2.25	2.10	55.01
W Central	0.95	1.08	2.45	1.25	4.09	8.21	3.05	7.46	5.36	3.34	1.03	2.21	40.48
Central	1.27	1.41	2.42	1.47	4.53	8.16	3.72	6.53	8.94	4.46	1.79	2.27	46.97
E Central	0.68	2.50	2.35	0.90	4.75	6.77	3.10	7.00	8.33	5.98	2.50	2.15	47.01
Southwest	0.80	1.03	1.97	0.72	3.28	7.58	3.38	6.69	7.10	4.77	1.26	2.32	40.90
S Central	1.03	1.39	2.21	0.70	4.12	6.23	1.87	4.76	7.30	6.08	2.13	2.14	39.96
Southeast	0.52	2.41	2.86	0.50	3.78	4.85	2.59	5.84	6.09	5.31	3.01	1.68	39.44
State	1.02	1.54	2.28	1.54	4.70	7.55	3.39	6.42	8.10	4.63	1.81	2.10	45.08

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

Northwest	0.23	0.43	0.68	-0.89	1.01	4.91	-0.10	1.35	4.79	0.40	-0.48	1.11	13.43
N Central	0.52	0.42	0.08	-0.47	1.36	2.70	-0.20	2.67	6.29	1.53	-0.25	0.73	15.38
Northeast	0.51	0.69	-0.38	-1.37	2.30	2.53	-0.44	2.62	8.41	3.29	-0.03	0.61	18.75
W Central	0.17	0.26	0.34	-2.18	-0.40	3.30	-1.21	3.57	2.20	0.93	-0.60	1.12	7.51
Central	0.35	0.39	0.23	-2.15	-0.16	2.80	-0.98	2.07	5.62	1.84	-0.35	0.95	10.62
E Central	-0.48	1.16	0.07	-2.49	0.41	1.82	-1.26	2.50	5.01	3.09	0.09	0.41	10.35
Southwest	-0.01	-0.01	-0.26	-2.74	-1.94	2.45	-1.36	2.88	3.69	2.16	-0.68	1.08	5.27
S Central	0.14	0.15	-0.08	-2.95	-1.00	1.29	-3.11	0.47	3.48	3.23	-0.13	0.76	2.24
Southeast	-0.75	0.85	0.29	-3.08	-1.11	0.03	-1.88	1.58	2.31	2.25	0.44	-0.13	0.79
State	0.10	0.49	0.13	-1.97	0.14	2.53	-1.11	2.22	4.72	2.02	-0.24	0.76	9.81

<sup>1</sup> Normals based upon 1981-2010 period.

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

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

<sup>1</sup> Normals based upon 1981-2010 period.

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



## Temperatures, Monthly and Annual Averages and Departures from Normal – Iowa by District: 2018

District	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
<b>Average Temperatures (F)</b>													
Northwest	15.6	15.0	33.2	36.2	65.0	72.8	72.5	70.1	64.6	45.6	28.3	24.6	45.3
N Central	14.5	16.6	31.8	35.9	65.3	71.8	71.9	70.0	64.3	45.9	27.5	26.1	45.1
Northeast	16.4	19.0	32.8	36.6	65.2	71.1	71.7	70.4	64.1	46.6	28.5	27.3	45.8
W Central	17.7	19.4	36.6	39.9	66.6	73.4	73.0	71.0	66.4	47.8	30.2	27.0	47.4
Central	17.7	20.7	35.0	39.8	67.6	73.4	73.3	71.8	66.1	48.5	30.5	28.6	47.8
E Central	19.0	22.5	35.2	40.0	67.5	73.0	72.9	72.3	66.2	49.2	30.9	29.2	48.2
Southwest	19.9	23.6	39.0	42.5	69.0	74.5	74.1	72.9	67.6	49.7	31.3	29.3	49.4
S Central	20.4	24.7	37.8	42.7	69.4	74.4	74.9	74.3	67.4	50.2	31.5	30.5	49.8
Southeast	20.9	25.1	36.9	41.7	69.0	74.4	74.1	74.1	67.4	50.7	31.9	30.3	49.7
State	17.8	20.4	35.2	39.3	67.0	73.1	73.1	71.7	65.9	48.1	30.0	28.0	47.6

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

Northwest	-0.8	-6.3	0.1	-10.8	6.0	4.0	-0.2	-0.2	2.8	-3.4	-5.3	4.9	-0.9
N Central	-1.1	-3.8	-1.0	-10.7	6.7	3.5	-0.1	0.4	3.0	-3.0	-6.3	6.6	-0.6
Northeast	-0.6	-2.8	-1.3	-11.0	6.4	2.6	-0.5	0.2	2.2	-3.0	-7.0	6.0	-0.9
W Central	-1.7	-4.5	0.9	-8.7	6.4	3.5	-0.9	-0.6	3.3	-2.7	-5.6	4.7	-0.6
Central	-1.4	-3.1	-0.9	-9.0	7.6	3.8	-0.2	0.4	3.0	-2.2	-6.0	5.8	-0.2
E Central	-1.6	-2.7	-2.0	-10.0	6.8	2.8	-0.9	0.5	2.4	-2.5	-7.3	4.7	-0.9
Southwest	-2.5	-3.3	0.6	-7.9	7.6	3.5	-1.1	-0.2	2.8	-2.7	-7.1	3.9	-0.7
S Central	-1.9	-1.9	-0.4	-7.4	8.8	4.2	0.3	1.3	3.2	-2.1	-7.2	4.8	0.0
Southeast	-2.6	-2.8	-2.6	-10.1	7.0	2.9	-1.5	0.4	2.0	-2.8	-8.3	3.3	-1.4
State	-1.6	-3.6	-0.7	-9.6	6.9	3.4	-0.5	0.2	2.7	-2.7	-6.6	5.1	-0.5

<sup>1</sup>Normals based upon 1981-2010 period.

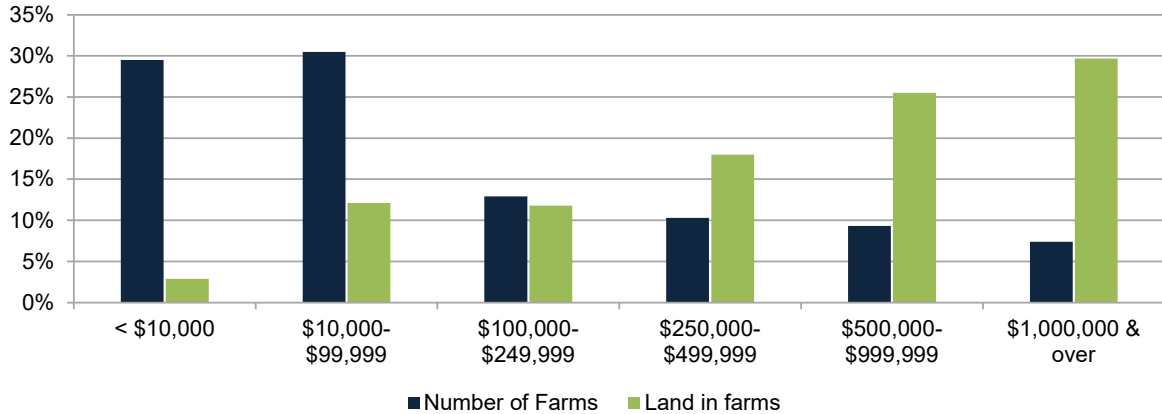
### Normal Temperature <sup>1</sup> (F)

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

<sup>1</sup>Normals based upon 1981-2010 period.

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

**Farms and Land in Farms  
Percent by Sales Class - Iowa: 2018**



**Farms, Number, Average Size, and Land in Farms – Iowa: 2014-2018**

Year	Number of farms (1,000 farms)	Average size (acres)	Land in farms (million acres)
2014	87.7	349	30.6
2015	87.0	352	30.6
2016	86.4	354	30.6
2017	86.1	355	30.6
2018	86.0	356	30.6

**Farms, Number by Economic Sales Class – Iowa: 2014-2018**

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
2014	26,800	24,600	10,700	9,300	9,300	7,000	87,700
2015	26,200	25,200	10,700	9,200	8,800	6,900	87,000
2016	25,400	25,900	10,700	9,100	8,600	6,700	86,400
2017	25,400	26,300	11,100	8,900	8,000	6,400	86,100
2018	25,400	26,200	11,100	8,900	8,000	6,400	86,000

**Land in Farms, Acreage by Economic Sales Class – Iowa: 2014-2018**

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)						
2014	1,200	3,200	3,300	5,200	8,300	9,400	30,600
2015	1,100	3,300	3,400	5,500	8,000	9,300	30,600
2016	900	3,600	3,400	5,400	8,000	9,300	30,600
2017	900	3,700	3,600	5,500	7,800	9,100	30,600
2018	900	3,700	3,600	5,500	7,800	9,100	30,600

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.

## Crop Summary, Acres Planted, Harvested, Yield and Production – Iowa and United States: 2014-2018

Crop year	Iowa				United States			
	Acreage		Yield	Production	Acreage		Yield	Production
	Planted	Harvested			Planted	Harvested		
<b>Corn</b>	(1,000 acres)	(1,000 acres)			(1,000 acres)	(1,000 acres)		
2014	13,700	13,610	--	--	90,597	89,507	--	--
2015	13,500	13,390	--	--	88,019	86,990	--	--
2016	13,900	13,830	--	--	94,004	92,954	--	--
2017	13,300	13,230	--	--	90,167	89,118	--	--
2018	13,200	13,070	--	--	89,129	87,853	--	--
<b>Corn for grain</b>		(1,000 acres)	(bu/acre)	(1,000 bushels)		(1,000 acres)	(bu/acre)	(1,000 bushels)
2014	--	13,300	178.0	2,367,400	--	83,146	171.0	14,217,292
2015	--	13,050	192.0	2,505,600	--	80,753	168.4	13,601,964
2016	--	13,500	203.0	2,740,500	--	86,748	174.6	15,148,038
2017	--	12,900	202.0	2,605,800	--	82,733	176.6	14,609,407
2018	--	12,800	196.0	2,508,800	--	81,740	176.4	14,420,101
<b>Corn for silage</b>		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
2014	--	310	20.0	6,200	--	6,361	20.1	127,843
2015	--	340	24.0	8,160	--	6,237	20.4	127,311
2016	--	330	24.0	7,920	--	6,206	20.3	126,020
2017	--	330	21.0	6,930	--	6,385	20.0	127,434
2018	--	270	20.5	5,535	--	6,113	19.9	121,361
<b>Soybeans</b>	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)
2014	9,850	9,770	51.0	498,270	83,296	82,611	47.5	3,928,070
2015	9,850	9,800	56.5	553,700	82,660	81,742	48.0	3,926,779
2016	9,500	9,440	60.0	566,400	83,453	82,706	51.9	4,296,496
2017	10,000	9,940	57.0	566,580	90,162	89,542	49.3	4,411,633
2018	10,000	9,910	57.0	564,870	89,196	88,110	51.6	4,543,883
<b>Oats</b>	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)
2014	145	55	64.0	3,520	2,753	1,035	67.9	70,232
2015	125	57	73.0	4,161	3,088	1,275	70.2	89,455
2016	120	43	76.0	3,268	2,829	979	66.0	64,628
2017	115	42	77.0	3,234	2,589	804	61.7	49,585
2018	135	33	63.0	2,079	2,746	865	64.9	56,130
<b>Hay, alfalfa</b>		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
2014	--	810	3.60	2,916	--	18,406	3.34	61,487
2015	--	770	3.90	3,003	--	17,810	3.32	59,060
2016	--	550	4.20	2,310	--	17,029	3.44	58,601
2017	--	720	3.50	2,520	--	17,007	3.28	55,812
2018	--	620	3.70	2,294	--	16,608	3.17	52,634
<b>Hay, other</b>		(1,000 acres)	(tons/acre)	(1,000 tons)		(1,000 acres)	(tons/acre)	(1,000 tons)
2014	--	345	2.20	759	--	38,747	2.03	78,632
2015	--	390	2.40	936	--	36,719	2.06	75,608
2016	--	360	2.50	900	--	36,156	2.09	75,481
2017	--	340	2.20	748	--	35,770	2.02	72,395
2018	--	320	2.20	704	--	36,231	1.96	70,966
<b>Wheat, all</b>	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)	(1,000 acres)	(1,000 acres)	(bu/acre)	(1,000 bushels)
2014	26	15	49.0	735	56,841	46,385	43.7	2,026,310
2015	20	15	52.0	780	54,999	47,318	43.6	2,061,939
2016	25	17	63.0	1,071	50,116	43,848	52.7	2,308,663
2017	16	8	68.0	544	46,052	37,555	46.4	1,740,910
2018	16	6	58.0	348	47,800	39,605	47.6	1,884,458

## State Rankings, Harvested Crops, Crop Production, and Storage Capacity – Iowa and 10 Leading States: 2018

	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	KS	SD	MO	OH	WI	1	16
Corn for silage	WI	NY	(Tied) KS & PA	(Tied) CA & SD	(Tied) MI & MN	(Tied) IA & TX					9	4
Soybeans	IL	<b>IA</b>	MN	ND	IN	MO	NE	SD	OH	KS	2	11
Oats	(Tied) MN & ND		SD	WI	(Tied) MI & TX		NY	PA	<b>IA</b>	OH	9	4
Wheat, all	ND	KS	MT	OK	WA	CO	TX	SD	MN	ID	41	*
Wheat, winter	KS	OK	CO	TX	WA	MT	NE	OR	ID	SD	38	*
Hay, alfalfa	MT	SD	ND	ID	NE	WI	CO	MN	(Tied) CA & <b>IA</b>		9	4
Hay, other	TX	OK	MO	NE	(Tied) KS & KY		TN	SD	AR	ND	29	1
Hay, all	TX	SD	OK	MO	MT	NE	ND	KS	KY	TN	23	2
Total acres of principal crops harvested <sup>1</sup>	<b>IA</b>	ND	IL	KS	NE	MN	SD	TX	MO	IN	1	8

### Production

Corn for grain	<b>IA</b>	IL	NE	MN	IN	SD	KS	OH	WI	MO	1	17
Corn for silage	WI	CA	NY	MN	PA	ID	MI	SD	<b>IA</b>	KS	9	5
Soybeans	IL	<b>IA</b>	MN	IN	NE	OH	MO	SD	ND	KS	2	12
Oats	ND	SD	MN	WI	MI	TX	NY	<b>IA</b>	IL	OH	8	4
Wheat, all	ND	KS	MT	WA	ID	MN	SD	CO	OK	TX	41	*
Wheat, winter	KS	WA	MT	CO	OK	ID	TX	NE	OR	IL	39	*
Hay, alfalfa	ID	CA	MT	SD	NE	ND	CO	<b>IA</b>	AZ	KS	8	4
Hay, other	TX	MO	KY	OK	TN	NE	KS	VA	AL	NC	30	1
Hay, all	TX	NE	SD	CA	MT	MO	OK	KY	ID	KS	16	2

### Storage Capacity

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

<sup>1</sup> Less than 1 percent.

<sup>2</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>3</sup> December 1, 2018.

## 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	203.0	2016	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	60.0	2016	11.5	1934	
Production	million bushels	566.6	2017	0.1	1925	
<b>Wheat</b>						1866
Acres harvested	1,000 acres	3,420	1874	6	2018	
Yield	bushels	68.0	2017	6.0	1881	
Production	million bushels	40.4	1873	0.3	2018	

<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.



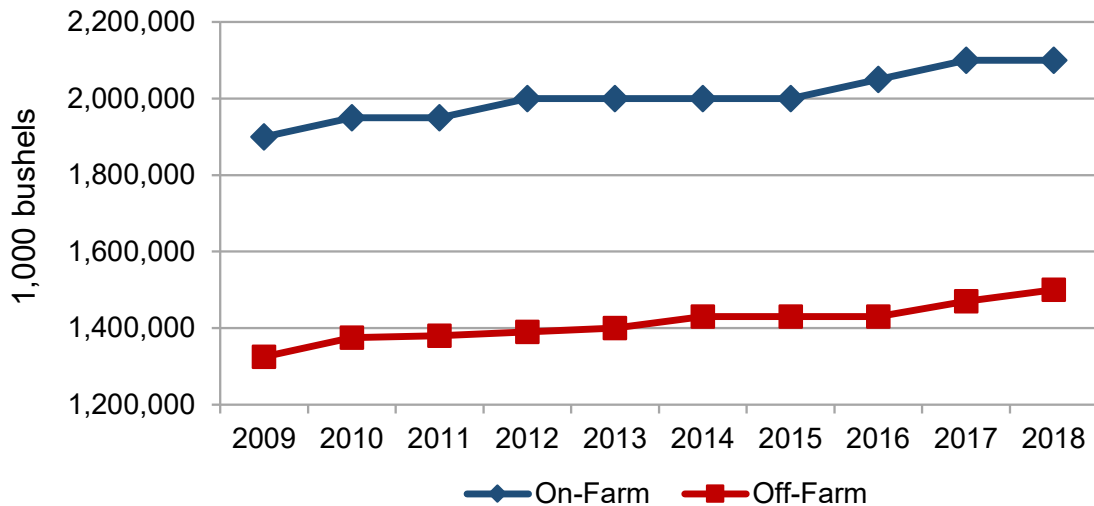
### Hay and Grain Marketings, Percent of Crop Year Total – Iowa: June 2016-August 2018

Month	All hay		Oats		Soybeans		Corn	
	2016-2017	2017-2018	2016-2017	2017-2018	2016-2017	2017-2018	2016-2017	2017-2018
June	3	3						
July	7	7	26	17				
August	7	7	30	55				
September	6	6	13	4	6	6	5	6
October	5	5	4	3	36	29	15	8
November	9	9	4	8	10	12	15	19
December	14	14	3	1	5	5	6	6
January	16	16	5	1	14	11	10	12
February	12	12	1	1	6	9	9	8
March	11	11	1	2	3	7	5	8
April	6	6	3	1	3	5	4	6
May	4	4	3	5	4	4	6	6
June			7	2	4	4	10	6
July					6	5	8	7
August					3	3	7	8

### Grain Storage Capacity – Iowa: December 1, 2009-2018

Year	Number of off-farm facilities	Off-farm capacity (1,000 bu)	On-farm capacity (1,000 bu)
2009	900	1,325,000	1,900,000
2010	900	1,375,000	1,950,000
2011	890	1,380,000	1,950,000
2012	890	1,390,000	2,000,000
2013	900	1,400,000	2,000,000
2014	900	1,430,000	2,000,000
2015	900	1,430,000	2,000,000
2016	890	1,430,000	2,050,000
2017	880	1,470,000	2,100,000
2018	870	1,500,000	2,100,000

### Grain Storage Capacity - Iowa December 1, 2009-2018



## Estimated Crop Production Costs – Iowa: 2015-2019

	2015	2016	2017	2018	2019 <sup>1</sup>
<b>Corn following corn</b>					
Machinery	\$144.99	\$129.92	\$119.83	\$132.80	\$134.38
Seed, chemicals, etc.	357.80	330.55	287.19	279.81	313.70
Labor	37.05	37.05	36.40	39.20	39.90
Land	273.00	266.00	230.00	219.00	223.00
Total cost per acre	812.83	763.52	673.41	670.80	710.98
Assumed yield (bushels)	165	165	165	165	182
Total cost per bushel	\$4.93	\$4.63	\$4.08	\$4.07	\$3.91
<b>Corn following soybeans</b>					
Machinery	\$142.18	\$126.74	\$116.56	\$130.47	\$132.22
Seed, chemicals, etc.	311.84	292.47	251.48	241.86	279.96
Labor	33.80	33.80	33.15	35.70	36.34
Land	273.00	266.00	230.00	219.00	223.00
Total cost per acre	760.81	719.01	631.18	627.03	671.51
Assumed yield (bushels)	180	180	180	180	198
Total cost per bushel	\$4.23	\$3.99	\$3.51	\$3.48	\$3.39
<b>Soybeans following corn<sup>2</sup></b>					
Machinery	\$79.17	\$75.43	\$67.40	\$68.67	\$68.43
Seed, chemicals, etc.	166.38	162.63	157.11	154.41	183.61
Labor	29.25	29.25	28.60	30.80	31.35
Land	273.00	266.00	230.00	219.00	223.00
Total cost per acre	547.80	533.30	483.11	472.89	506.38
Assumed yield (bushels)	50	50	50	50	56
Total cost per bushel	\$10.96	\$10.67	\$9.66	\$9.46	\$9.04
<b>Alfalfa hay, annual production, 6 tons per acre, large round bales</b>					
One-third of estimated costs	\$60.62	\$57.93	\$60.03	\$51.43	\$48.50
Annual fertilizer	166.88	148.21	109.05	121.48	135.37
Harvest machinery	167.60	159.20	140.80	144.40	141.60
Labor	69.33	69.33	69.33	74.67	76.00
Land	167.00	170.00	165.00	157.00	157.00
Total cost per acre	631.43	604.67	544.22	548.97	558.47
Assumed yield (ton)	6	6	6	6	6
Total cost per ton	\$105.24	\$100.78	\$90.70	\$91.49	\$93.08

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

<sup>2</sup> Soybean estimates are for herbicide tolerant varieties.

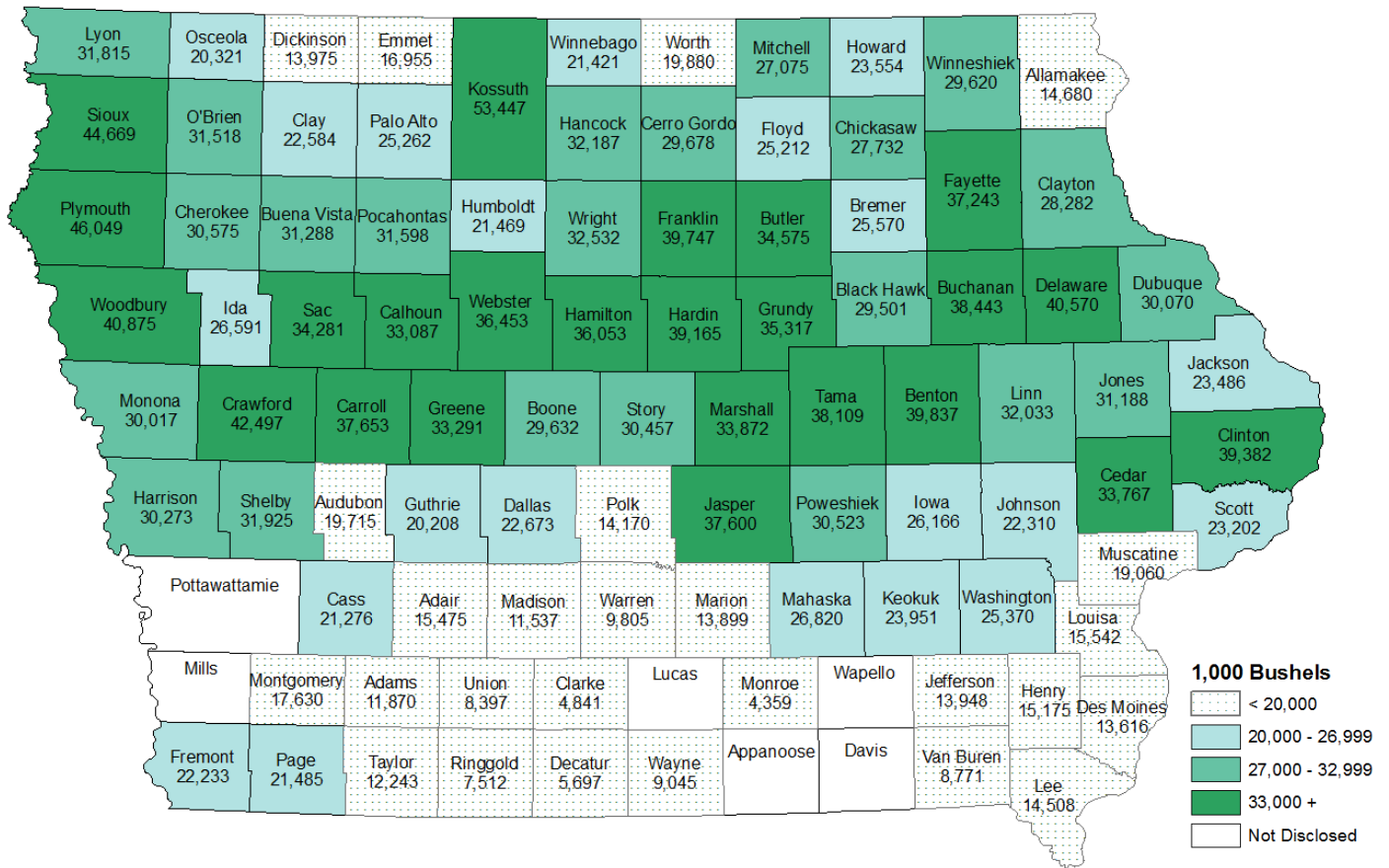
Source: Iowa State University Extension and Outreach



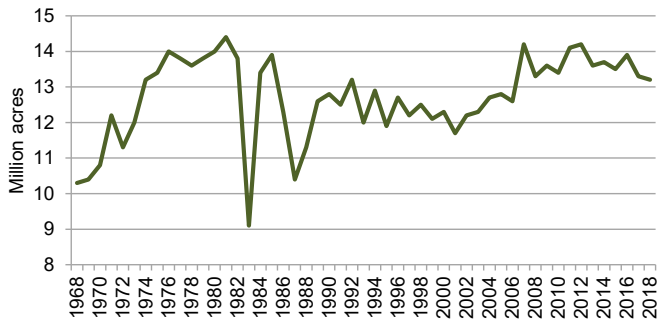


# Corn for Grain Production – Iowa: 2018

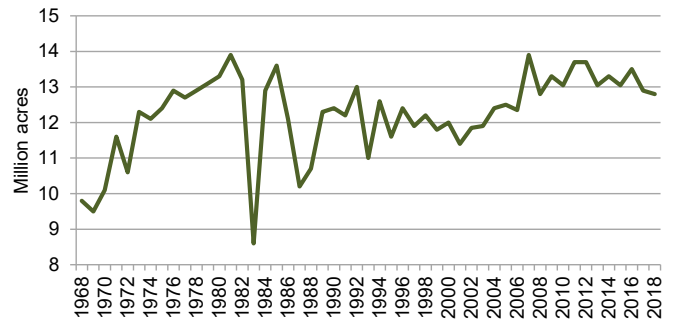
State Total: 2,508,800,000 Bushels



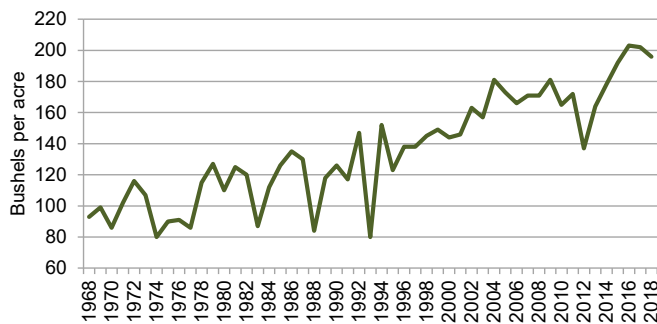
**Corn, Area Planted for all Purposes  
Iowa: 1968-2018**



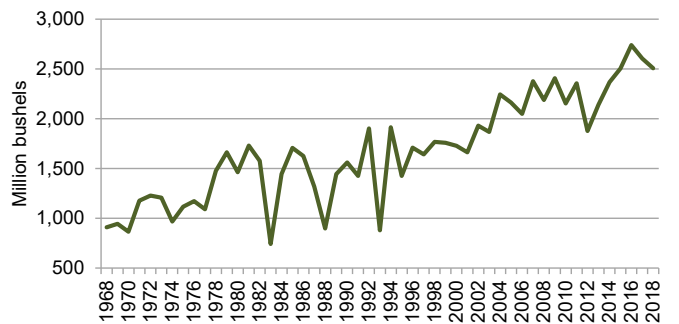
**Corn for Grain, Area Harvested  
Iowa: 1968-2018**



**Corn for Grain, Yield per Acre  
Iowa: 1968-2018**



**Corn for Grain, Production  
Iowa: 1968-2018**





# Corn, Area Planted For All Purposes, Area Harvested for Grain, Yield and Production – Iowa by County: 2017–2018

County and district	Area planted for all purposes		Area harvested for grain		Yield		Production	
	2017	2018	2017	2018	2017	2018	2017	2018
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
Buena Vista .....	166,500	164,000	163,600	162,000	187.9	193.1	30,734,000	31,288,000
Cherokee .....	146,500	148,000	139,100	143,300	203.7	213.4	28,341,000	30,575,000
Clay .....	151,000	145,500	148,400	142,300	197.3	158.7	29,272,000	22,584,000
Dickinson .....	91,000	90,000	89,800	87,100	196.2	160.4	17,620,000	13,975,000
Emmet .....	119,500	110,500	118,300	108,800	210.1	155.8	24,858,000	16,955,000
Lyon .....	181,000	184,500	172,200	164,800	218.9	193.1	37,703,000	31,815,000
O'Brien .....	170,000	167,000	164,100	156,200	213.8	201.8	35,088,000	31,518,000
Osceola .....	127,000	116,000	123,900	112,700	211.6	180.3	26,223,000	20,321,000
Palo Alto .....	174,000	166,500	169,800	160,000	195.4	157.9	33,187,000	25,262,000
Plymouth .....	234,000	226,500	211,000	215,500	193.0	213.7	40,715,000	46,049,000
Pocahontas .....	183,500	179,500	180,800	176,300	190.9	179.2	34,513,000	31,598,000
Sioux .....	257,000	249,000	209,000	211,000	220.7	211.7	46,121,000	44,669,000
<b>Northwest .....</b>	<b>2,001,000</b>	<b>1,947,000</b>	<b>1,890,000</b>	<b>1,840,000</b>	<b>203.4</b>	<b>188.4</b>	<b>384,375,000</b>	<b>346,609,000</b>
Butler .....	162,000	165,000	159,200	163,600	211.4	211.3	33,650,000	34,575,000
Cerro Gordo .....	163,500	162,500	162,500	161,000	208.9	184.3	33,947,000	29,678,000
Floyd .....	140,500	141,000	137,400	136,800	203.4	184.3	27,944,000	25,212,000
Franklin .....	201,000	203,000	199,500	194,700	206.1	204.1	41,109,000	39,747,000
Hancock .....	188,000	184,500	184,500	182,200	200.2	176.7	36,944,000	32,187,000
Humboldt .....	133,500	136,500	132,600	132,400	200.9	162.2	26,645,000	21,469,000
Kossuth .....	311,500	304,000	308,000	297,000	205.6	180.0	63,323,000	53,447,000
Mitchell .....	150,000	146,500	144,900	140,000	213.4	193.4	30,915,000	27,075,000
Winnebago .....	123,000	120,000	122,600	118,500	210.7	180.8	25,830,000	21,421,000
Worth .....	106,000	111,500	104,400	110,500	198.5	179.9	20,723,000	19,880,000
Wright .....	183,000	182,000	182,400	180,300	206.9	180.4	37,742,000	32,532,000
<b>North Central .....</b>	<b>1,862,000</b>	<b>1,857,000</b>	<b>1,838,000</b>	<b>1,817,000</b>	<b>206.1</b>	<b>185.6</b>	<b>378,772,000</b>	<b>337,223,000</b>
Allamakee .....	91,500	93,500	76,100	74,000	190.5	198.4	14,498,000	14,680,000
Black Hawk .....	143,500	146,500	142,200	143,000	209.2	206.3	29,744,000	29,501,000
Bremer .....	120,000	124,000	117,000	120,400	212.7	212.4	24,888,000	25,570,000
Buchanan .....	187,000	189,500	182,600	185,600	221.3	207.1	40,415,000	38,443,000
Chickasaw .....	150,500	148,500	140,800	143,700	194.4	193.0	27,374,000	27,732,000
Clayton .....	151,000	149,000	142,600	140,300	213.6	201.6	30,461,000	28,282,000
Delaware .....	194,000	189,500	184,000	180,500	218.0	224.8	40,111,000	40,570,000
Dubuque .....	151,500	149,000	134,100	141,900	215.1	211.9	28,847,000	30,070,000
Fayette .....	191,000	191,500	184,200	186,100	207.6	200.1	38,233,000	37,243,000
Howard .....	124,000	131,000	121,000	127,000	201.7	185.5	24,406,000	23,554,000
Winneshiek .....	171,000	165,000	157,400	149,500	199.7	198.1	31,427,000	29,620,000
<b>Northeast .....</b>	<b>1,675,000</b>	<b>1,677,000</b>	<b>1,582,000</b>	<b>1,592,000</b>	<b>208.9</b>	<b>204.3</b>	<b>330,404,000</b>	<b>325,265,000</b>
Audubon .....	106,000	111,500	105,100	109,900	211.2	179.4	22,199,000	19,715,000
Calhoun .....	175,000	172,000	172,700	171,200	195.1	193.3	33,688,000	33,087,000
Carroll .....	182,000	183,000	177,100	180,600	211.3	208.5	37,418,000	37,653,000
Crawford .....	205,500	201,500	204,000	198,500	221.9	214.1	45,273,000	42,497,000
Greene .....	170,500	166,500	167,600	165,300	202.2	201.4	33,888,000	33,291,000
Guthrie .....	106,500	107,000	103,100	105,100	197.6	192.3	20,370,000	20,208,000
Harrison .....	175,000	173,000	173,600	171,900	193.2	176.1	33,534,000	30,273,000
Ida .....	125,000	124,000	120,000	119,600	215.7	222.3	25,889,000	26,591,000
Monona .....	171,000	167,000	166,600	165,400	196.0	181.5	32,656,000	30,017,000
Sac .....	164,500	162,000	159,000	160,500	194.5	213.6	30,921,000	34,281,000
Shelby .....	172,000	172,500	170,200	168,700	207.1	189.2	35,250,000	31,925,000
Woodbury .....	201,000	201,000	186,000	186,300	200.5	219.4	37,295,000	40,875,000
<b>West Central .....</b>	<b>1,954,000</b>	<b>1,941,000</b>	<b>1,905,000</b>	<b>1,903,000</b>	<b>203.9</b>	<b>199.9</b>	<b>388,381,000</b>	<b>380,413,000</b>
Boone .....	158,500	154,500	157,400	153,000	192.4	193.7	30,284,000	29,632,000
Dallas .....	135,500	132,000	133,000	130,300	187.2	174.0	24,894,000	22,673,000
Grundy .....	160,500	158,500	160,000	156,800	217.3	225.2	34,774,000	35,317,000
Hamilton .....	192,500	192,500	192,200	190,800	194.6	189.0	37,411,000	36,053,000
Hardin .....	189,500	183,500	187,800	180,800	213.7	216.6	40,137,000	39,165,000
Jasper .....	173,000	173,500	170,900	171,900	204.6	218.7	34,965,000	37,600,000
Marshall .....	148,500	152,500	146,000	149,900	222.4	226.0	32,468,000	33,872,000
Polk .....	79,000	78,000	78,500	76,100	200.3	186.2	15,720,000	14,170,000
Poweshiek .....	149,500	145,500	148,100	139,500	215.1	218.8	31,855,000	30,523,000
Story .....	167,500	160,000	166,100	158,400	200.3	192.3	33,264,000	30,457,000
Tama .....	168,000	171,500	166,000	169,800	220.6	224.4	36,617,000	38,109,000
Webster .....	203,000	200,000	201,000	193,700	197.9	188.2	39,778,000	36,453,000
<b>Central .....</b>	<b>1,925,000</b>	<b>1,902,000</b>	<b>1,907,000</b>	<b>1,871,000</b>	<b>205.6</b>	<b>205.3</b>	<b>392,167,000</b>	<b>384,024,000</b>

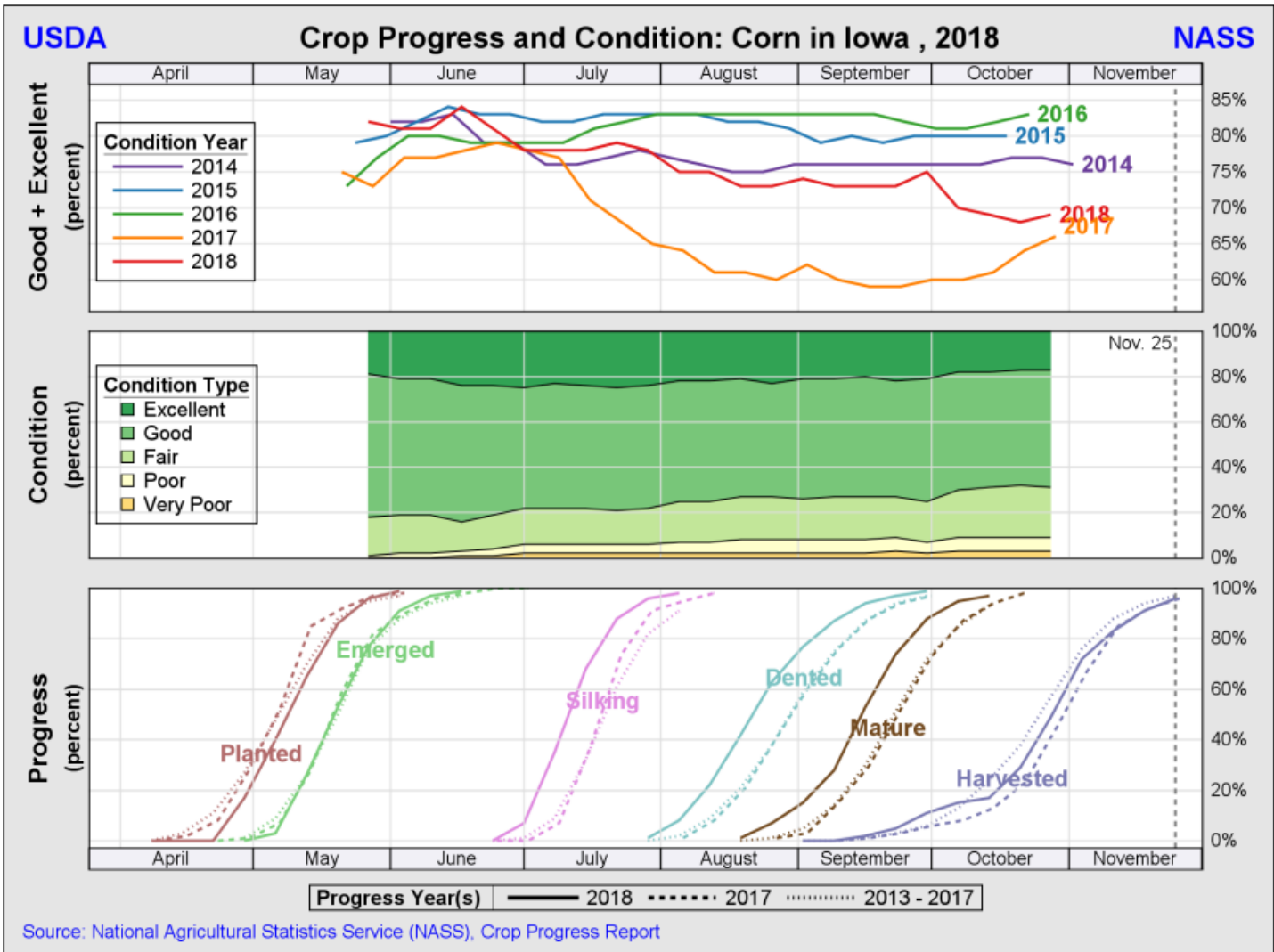
See footnote(s) at the end of the table.

—continued

**Corn, Area Planted For All Purposes, Area Harvested for Grain, Yield and Production – Iowa by County: 2017–2018 (continued)**

County and district	Area planted for all purposes		Area harvested for grain		Yield		Production	
	2017	2018	2017	2018	2017	2018	2017	2018
	(acres)	(acres)	(acres)	(acres)	(bushels per acre)	(bushels per acre)	(bushels)	(bushels)
Benton .....	194,000	191,500	190,400	185,700	215.3	214.5	41,002,000	39,837,000
Cedar .....	154,500	154,500	153,800	152,000	222.3	222.2	34,183,000	33,767,000
Clinton .....	197,000	190,500	193,800	186,800	213.3	210.8	41,342,000	39,382,000
Iowa .....	124,000	125,500	123,000	123,600	216.7	211.7	26,657,000	26,166,000
Jackson .....	118,500	121,500	113,200	116,100	202.1	202.3	22,875,000	23,486,000
Johnson .....	109,500	107,000	107,400	105,100	213.1	212.3	22,886,000	22,310,000
Jones .....	153,000	153,000	149,200	149,400	217.0	208.8	32,370,000	31,188,000
Linn .....	151,000	151,000	150,000	148,800	217.4	215.3	32,610,000	32,033,000
Muscatine .....	87,000	93,000	83,700	91,000	206.8	209.5	17,305,000	19,060,000
Scott .....	108,500	110,500	106,500	108,500	220.0	213.8	23,426,000	23,202,000
<b>East Central .....</b>	<b>1,397,000</b>	<b>1,398,000</b>	<b>1,371,000</b>	<b>1,367,000</b>	<b>214.9</b>	<b>212.5</b>	<b>294,656,000</b>	<b>290,431,000</b>
Adair .....	108,500	108,500	104,100	103,600	175.2	149.4	18,235,000	15,475,000
Adams .....	71,500	71,000	67,300	69,200	179.9	171.5	12,105,000	11,870,000
Cass .....	132,000	128,000	126,700	125,400	197.4	169.7	25,008,000	21,276,000
Fremont .....	113,000	116,500	112,800	113,900	204.5	195.2	23,062,000	22,233,000
Mills .....	91,500	–	91,200	–	190.1	–	17,336,000	–
Montgomery .....	94,500	93,300	93,400	92,000	199.1	191.6	18,594,000	17,630,000
Page .....	110,000	115,500	108,400	114,200	193.1	188.1	20,931,000	21,485,000
Pottawattamie .....	239,500	–	237,000	–	195.8	–	46,399,000	–
Taylor .....	80,500	81,400	79,100	79,300	175.0	154.4	13,845,000	12,243,000
Combined counties ...	(X)	335,800	(X)	332,400	(X)	196.6	(X)	65,347,000
<b>Southwest .....</b>	<b>1,041,000</b>	<b>1,050,000</b>	<b>1,020,000</b>	<b>1,030,000</b>	<b>191.7</b>	<b>182.1</b>	<b>195,515,000</b>	<b>187,559,000</b>
Appanoose .....	29,800	–	28,000	–	170.0	–	4,760,000	–
Clarke .....	–	32,900	–	29,900	–	161.9	–	4,841,000
Decatur .....	–	34,200	–	33,000	–	172.6	–	5,697,000
Madison .....	67,900	70,000	65,500	68,900	173.1	167.4	11,336,000	11,537,000
Marion .....	75,100	76,300	72,000	73,100	185.7	190.1	13,368,000	13,899,000
Monroe .....	30,700	28,000	28,400	26,100	169.9	167.0	4,826,000	4,359,000
Ringgold .....	52,700	50,900	50,300	49,000	167.8	153.3	8,440,000	7,512,000
Union .....	52,100	55,200	49,800	53,900	147.9	155.8	7,363,000	8,397,000
Warren .....	60,300	60,700	58,300	59,900	183.2	163.7	10,678,000	9,805,000
Wayne .....	–	53,500	–	52,700	–	171.6	–	9,045,000
Combined counties ...	159,400	62,300	147,700	56,500	129.7	142.7	19,160,000	8,060,000
<b>South Central .....</b>	<b>528,000</b>	<b>524,000</b>	<b>500,000</b>	<b>503,000</b>	<b>159.9</b>	<b>165.3</b>	<b>79,931,000</b>	<b>83,152,000</b>
Davis .....	49,500	–	42,700	–	107.3	–	4,582,000	–
Des Moines .....	71,900	70,500	71,000	69,600	200.1	195.6	14,209,000	13,616,000
Henry .....	82,500	81,100	81,300	80,000	196.4	189.7	15,968,000	15,175,000
Jefferson .....	74,000	71,600	71,400	70,100	165.5	199.0	11,817,000	13,948,000
Keokuk .....	117,500	119,000	114,700	117,500	176.4	203.8	20,237,000	23,951,000
Lee .....	76,500	74,400	74,700	72,000	178.0	201.5	13,295,000	14,508,000
Louisa .....	84,300	80,200	83,700	79,100	216.6	196.5	18,129,000	15,542,000
Mahaska .....	134,000	131,000	131,700	129,000	177.2	207.9	23,335,000	26,820,000
Van Buren .....	49,400	52,700	42,800	48,500	128.2	180.8	5,489,000	8,771,000
Wapello .....	55,900	–	53,300	–	153.0	–	8,153,000	–
Washington .....	121,500	120,000	119,700	118,300	220.4	214.5	26,385,000	25,370,000
Combined counties ...	(X)	103,500	(X)	92,900	(X)	176.8	(X)	16,423,000
<b>Southeast .....</b>	<b>917,000</b>	<b>904,000</b>	<b>887,000</b>	<b>877,000</b>	<b>182.2</b>	<b>198.5</b>	<b>161,599,000</b>	<b>174,124,000</b>
<b>Iowa .....</b>	<b>13,300,000</b>	<b>13,200,000</b>	<b>12,900,000</b>	<b>12,800,000</b>	<b>202.0</b>	<b>196.0</b>	<b>2,605,800,000</b>	<b>2,508,800,000</b>

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



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

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

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

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

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

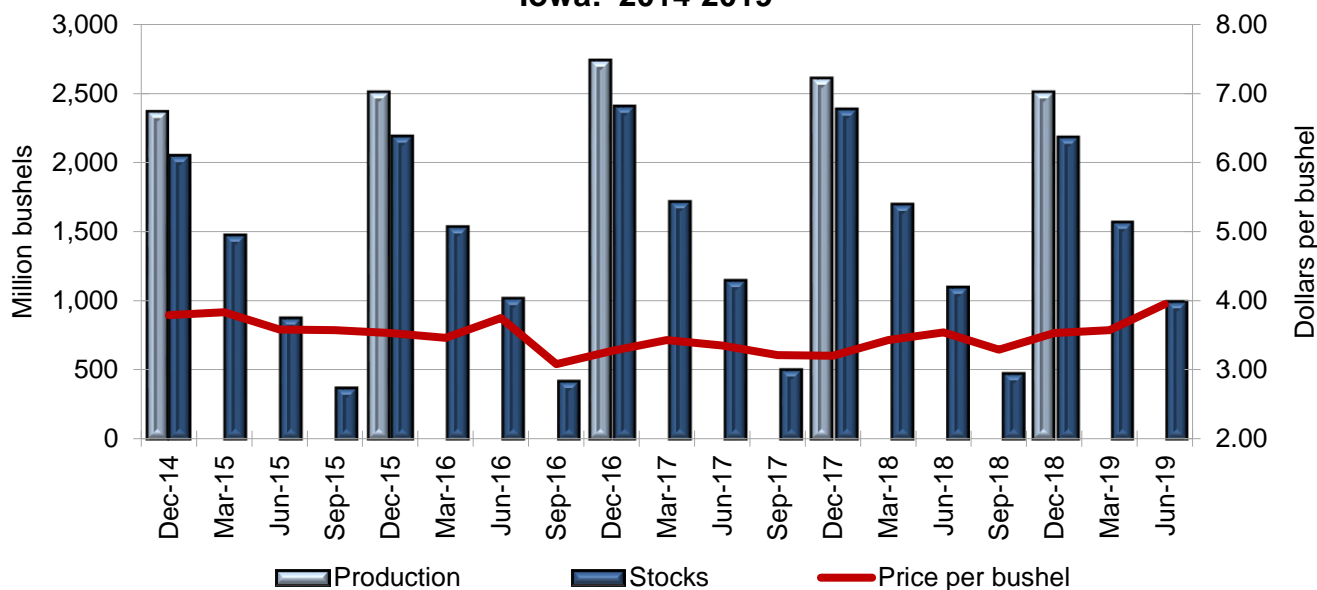
**Excellent:** Yield prospects are above normal and crops are experiencing little or no stress. Disease, insect damage, and weed pressures are insignificant.

## Corn Production, Stocks on Farms, and Total Stocks by Quarter – Iowa and United States: 2009-2019

Crop year	Production	Marketing season							
		December 1		March 1		June 1		September 1	
		On-farm	Total	On-farm	Total	On-farm	Total	On-farm	Total
----- (1,000 bushels) -----									
<b>Iowa</b>									
2009-2010	2,407,300	1,450,000	2,177,545	930,000	1,498,433	430,000	888,814	100,000	411,598
2010-2011	2,153,250	1,200,000	1,905,956	680,000	1,270,213	350,000	782,594	63,000	268,348
2011-2012	2,356,400	1,250,000	1,954,253	740,000	1,288,140	330,000	689,008	60,000	226,365
2012-2013	1,876,900	910,000	1,560,221	560,000	1,050,191	285,000	565,390	67,000	203,627
2013-2014	2,140,200	1,070,000	1,736,440	710,000	1,217,036	360,000	728,508	91,000	268,463
2014-2015	2,367,400	1,320,000	2,048,985	910,000	1,473,591	480,000	876,730	125,000	372,154
2015-2016	2,505,600	1,370,000	2,189,120	930,000	1,534,025	580,000	1,018,011	140,000	419,121
2016-2017	2,740,500	1,470,000	2,404,747	1,000,000	1,714,890	660,000	1,146,558	160,000	504,069
2017-2018	2,605,800	1,490,000	2,383,471	1,000,000	1,698,151	610,000	1,097,822	140,000	475,258
2018-2019	2,508,800	1,370,000	2,180,661	990,000	1,566,813	590,000	994,485	(NA)	(NA)
<b>United States</b>									
2009-2010	13,067,156	7,405,000	10,902,460	4,548,000	7,693,787	2,131,400	4,310,071	485,100	1,707,787
2010-2011	12,425,330	6,302,000	10,056,769	3,384,000	6,523,228	1,681,500	3,670,332	314,950	1,127,645
2011-2012	12,313,956	6,175,000	9,646,823	3,192,000	6,023,356	1,482,000	3,148,204	313,700	989,027
2012-2013	10,755,111	4,586,000	8,032,732	2,669,200	5,399,926	1,260,100	2,766,244	275,000	821,185
2013-2014	13,830,704	6,380,000	10,452,533	3,860,500	7,009,008	1,863,200	3,851,716	462,000	1,231,904
2014-2015	14,217,292	7,087,000	11,211,380	4,380,000	7,749,806	2,275,000	4,452,988	593,000	1,731,164
2015-2016	13,601,964	6,829,000	11,235,178	4,335,000	7,822,233	2,471,400	4,711,079	627,400	1,737,058
2016-2017	15,148,038	7,611,000	12,383,471	4,908,000	8,621,992	2,841,400	5,229,082	787,000	2,293,303
2017-2018	14,609,407	7,739,000	12,566,501	5,002,000	8,892,126	2,750,100	5,304,804	620,000	2,140,335
2018-2019	14,420,101	7,451,000	11,936,798	5,131,000	8,612,715	2,949,600	5,202,328	(NA)	(NA)

(NA) Not available.

### Corn Production by Year, Stocks by Quarter, and Price by Month Iowa: 2014-2019



## Corn, Supply and Use – United States: Marketing Year 2009-2018

Marketing year <sup>1</sup>	Supply			Use <sup>5</sup>					Ending stocks	Ending stocks by days <sup>3</sup>	Ending stocks as percent of total use	Marketing year average farm price
	Beginning stocks	Production	Total supply <sup>2,5</sup>	Food, seed, and industrial use	Ethanol for fuel	Feed and residual use	Exports	Total use				
	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)			(dollars per bushel)
2009-2010	1,673	13,067	14,749	5,966	4,591	5,096	1,979	13,041	1,708	48	13	3.55
2010-2011	1,708	12,425	14,161	6,432	5,019	4,770	1,831	13,033	1,128	32	9	5.18
2011-2012	1,128	12,314	13,471	6,431	5,000	4,512	1,539	12,482	989	29	8	6.22
2012-2013	989	10,755	11,904	6,044	4,641	4,309	730	11,083	821	27	7	6.89
2013-2014	821	13,829	14,686	6,531	5,124	5,002	1,921	13,454	1,232	33	9	4.46
2014-2015	1,232	14,216	15,479	6,595	5,200	5,286	1,867	13,748	1,731	46	13	3.70
2015-2016	1,731	13,602	15,401	6,647	5,224	5,118	1,899	13,664	1,737	46	13	3.61
2016-2017	1,737	15,148	16,942	6,885	5,432	5,470	2,294	14,649	2,293	57	16	3.36
2017-2018	2,293	14,609	16,939	7,057	5,605	5,304	2,438	14,798	2,140	53	14	3.36
2018-2019 <sup>4,5</sup>	2,140	14,420	16,590	6,855	5,425	5,275	2,100	14,230	2,360	61	17	3.60

<sup>1</sup> September 1 – August 31.

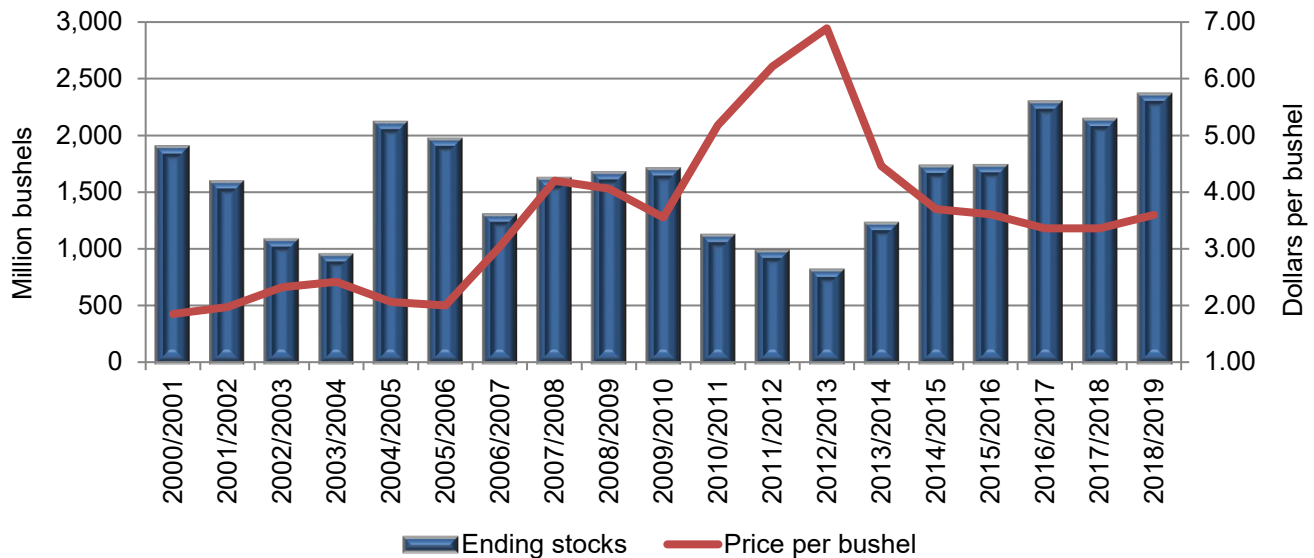
<sup>2</sup> Includes beginning stocks, production, and imports.

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

<sup>4</sup> Estimated.

<sup>5</sup> Source: World Agricultural Supply and Demand Estimates Report.

### Corn Ending Stocks vs Market Year Average Price per Bushel United States: 2000-2018



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

## Objective Yield Data, Corn for Grain – Iowa

The National Agricultural Statistics Service conducts objective yield surveys in randomly selected plots in corn for grain fields. These fields are visited monthly from August 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: 2014-2018

Year	September	October	November	Final
2014	30,850	30,800	30,800	30,800
2015	31,500	31,450	31,450	31,450
2016	31,250	31,050	31,050	31,050
2017	31,300	31,150	31,150	31,150
2018	31,350	31,150	31,100	31,100

### Corn for Grain, Number of Ears per Acre – Iowa: 2014-2018

Year	September	October	November	Final
2014	30,350	30,150	30,150	30,150
2015	30,950	30,800	30,850	30,850
2016	30,550	30,400	30,500	30,500
2017	30,600	30,600	30,600	30,600
2018	31,150	30,900	30,800	30,800

### Corn for Grain, Percentage Distribution by Plant Population per Acre – Iowa: 2014-2018

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
2014	0.8	2.8	1.2	8.3	20.5	66.4
2015	0.4	0.8	2.4	4.9	15.5	76.0
2016	0.4	1.8	2.2	8.9	22.7	64.0
2017	1.3	3.4	2.1	5.9	13.5	73.8
2018	0.4	1.7	3.3	6.3	19.2	69.1

### Corn for Grain, Frequency of Farmer Reported Row Widths – Iowa: 2014-2018

Year	Less than 30 inches	30 inches	36 inches	38 inches	More than 38 inches
2014	15	234	3	3	1
2015	7	241	3	1	0
2016	12	213	4	4	0
2017	2	236	3	3	0
2018	12	234	2	1	0

### Corn for Grain, Percentage Distribution by Measured Row Width and Average Row Width – Iowa: 2014-2018

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	
2014	254	5.1	72.0	18.9	1.6	2.0	0.4	30.0
2015	245	2.4	76.8	19.2	1.6	0.0	0.0	30.0
2016	225	2.2	76.9	19.1	0.9	0.9	0.0	30.0
2017	237	0.8	76.4	19.0	0.4	3.0	0.4	30.4
2018	239	3.8	77.4	17.2	0.8	0.8	0.0	29.9

## Corn Prices Received by Farmers by Month – Iowa and United States: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Marketing year average <sup>2</sup>
(dollars per bushel)													
<b>Iowa</b>													
2014	4.43	4.43	4.55	4.76	4.71	4.49	4.06	3.61	3.51	3.62	3.63	3.79	3.71
2015	3.86	3.80	3.83	3.74	3.61	3.58	3.78	3.67	3.57	3.58	3.53	3.53	3.52
2016	3.55	3.48	3.46	3.52	3.60	3.75	3.55	3.08	3.08	3.30	3.20	3.27	3.30
2017	3.34	3.39	3.43	3.34	3.39	3.35	3.40	3.19	3.21	3.23	3.14	3.20	3.31
2018	3.24	3.33	3.43	3.52	3.57	3.54	3.41	3.27	3.29	3.39	3.40	3.53	(NA)
<b>United States</b>													
2014	4.42	4.35	4.52	4.71	4.71	4.50	4.06	3.63	3.49	3.57	3.60	3.79	3.70
2015	3.82	3.79	3.81	3.75	3.64	3.59	3.80	3.68	3.68	3.67	3.59	3.65	3.61
2016	3.66	3.58	3.56	3.56	3.68	3.82	3.60	3.21	3.22	3.29	3.24	3.32	3.36
2017	3.40	3.44	3.49	3.43	3.45	3.43	3.49	3.27	3.27	3.26	3.15	3.23	3.36
2018	3.29	3.38	3.51	3.58	3.68	3.58	3.47	3.36	3.39	3.41	3.41	3.54	(NA)

(NA) Not available.

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

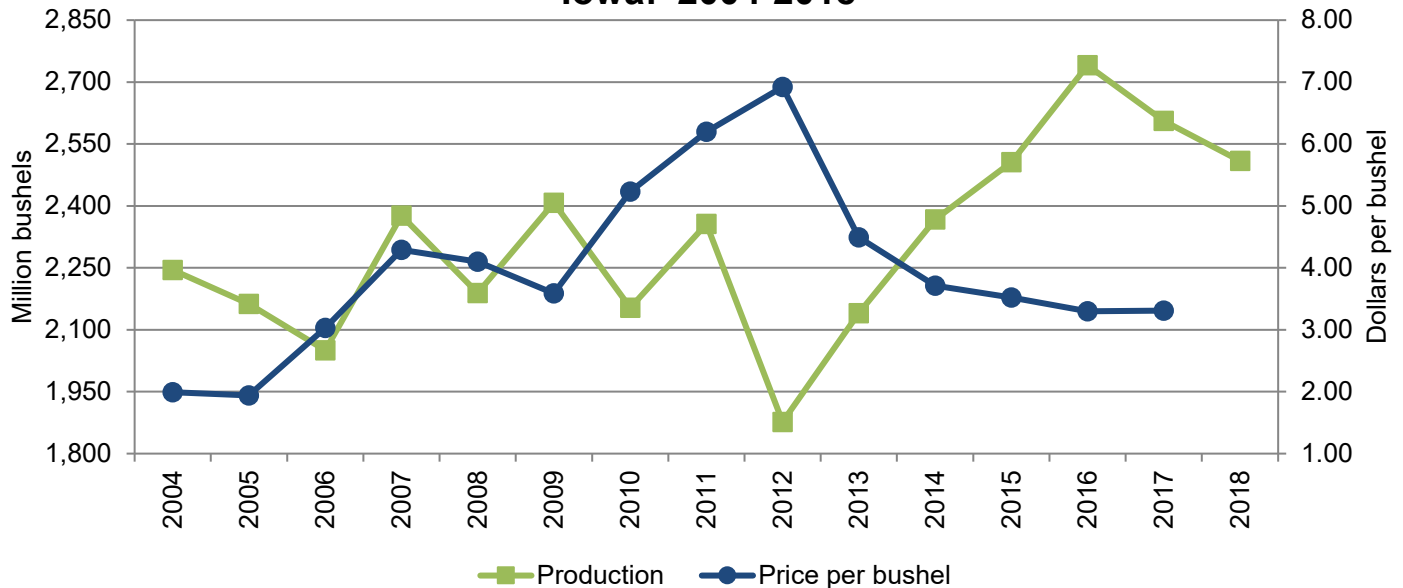
<sup>2</sup> Market year average price does not include any grain forfeited to CCC. For crops, market year prices are computed by weighting monthly prices by estimated monthly marketings.

## Corn Prices Received – Iowa by District: Market Year Average 2013-2017

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

	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast
(dollars per bushel)									
2013-2014	4.44	4.48	4.54	4.34	4.50	4.66	4.28	4.52	4.55
2014-2015	3.68	3.67	3.74	3.62	3.74	3.82	3.66	3.75	3.67
2015-2016	3.49	3.45	3.55	3.42	3.51	3.65	3.56	3.56	3.50
2016-2017	3.28	3.25	3.33	3.18	3.28	3.42	3.30	3.41	3.29
2017-2018	3.28	3.26	3.26	3.27	3.25	3.34	3.38	3.37	3.34

## Corn Production and Market Year Average Prices Iowa: 2004-2018





## 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: 2010-2019

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>					
2010	13,400	15	14	61	90
2011	14,100	13	16	61	90
2012	14,200	12	15	64	91
2013	13,600	5	14	72	91
2014	13,700	4	8	83	95
2015	13,500	5	8	80	93
2016	13,900	3	9	80	92
2017	13,300	5	8	80	93
2018	13,200	3	7	83	93
2019	13,600	4	7	81	92
<b>United States</b>					
2010	88,192	16	23	47	86
2011	91,936	16	23	49	88
2012	97,291	15	21	52	88
2013	95,365	5	14	71	90
2014	90,597	4	13	76	93
2015	88,019	4	12	77	92
2016	94,004	3	13	76	92
2017	90,167	3	12	77	92
2018	89,129	2	10	80	92
2019	91,700	3	9	80	92





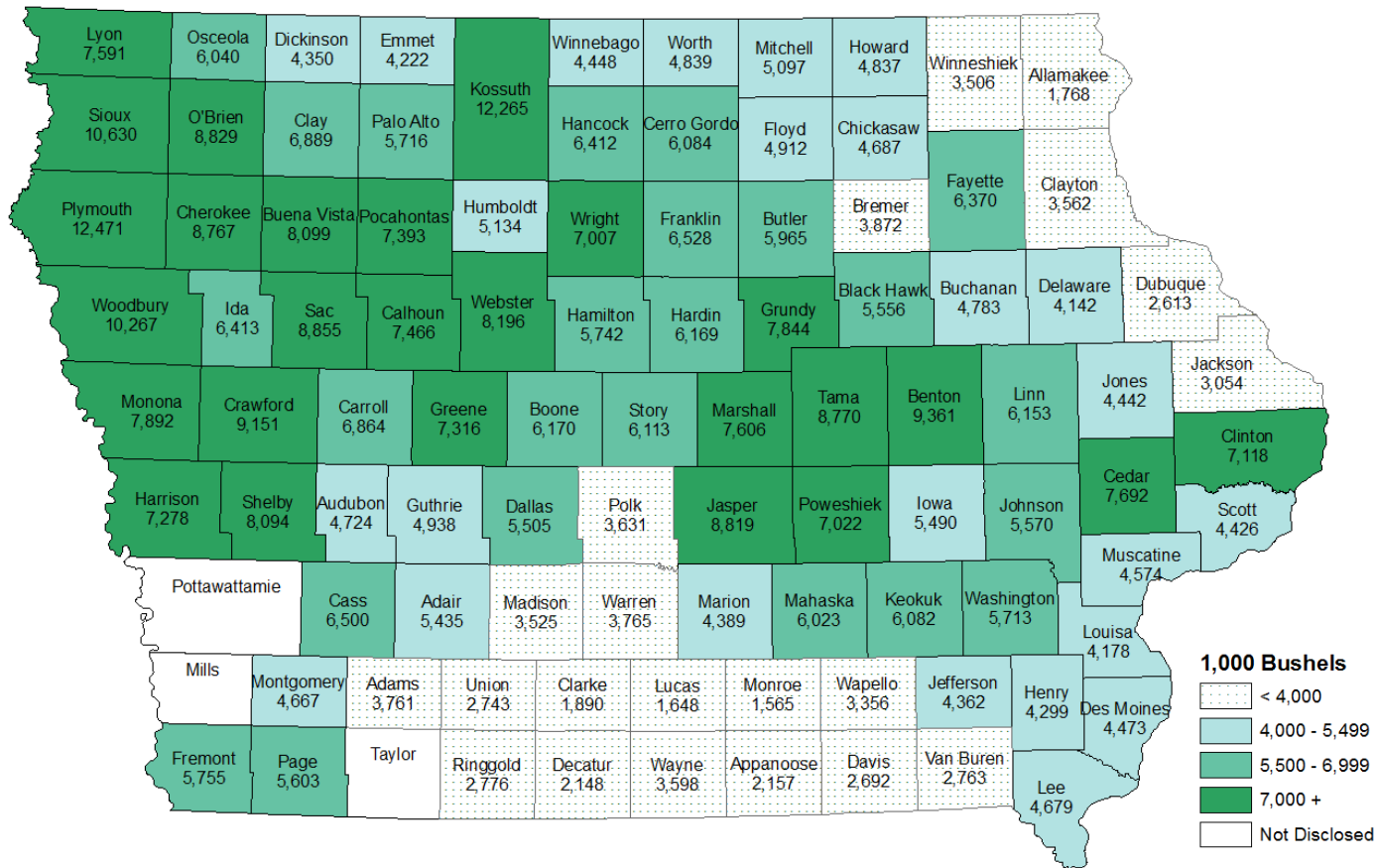
## Corn for Silage, Area Harvested, Yield and Production – Iowa by County: 2017-2018

County and district	Area harvested		Yield		Production	
	2017	2018	2017	2018	2017	2018
	(acres)	(acres)	(tons per acre)	(tons per acre)	(tons)	(tons)
<b>Northwest</b> .....	<b>88,700</b>	<b>77,000</b>	<b>23.5</b>	<b>22.0</b>	<b>2,104,000</b>	<b>1,685,000</b>
Hancock .....	1,110	–	16.0	–	17,600	–
Winnebago .....	–	420	–	16.5	–	7,000
Combined counties .....	18,490	17,780	18.0	19.5	331,400	343,000
<b>North Central</b> .....	<b>19,600</b>	<b>18,200</b>	<b>18.0</b>	<b>19.0</b>	<b>349,000</b>	<b>350,000</b>
<b>Northeast</b> .....	<b>82,300</b>	<b>71,000</b>	<b>22.0</b>	<b>22.5</b>	<b>1,830,000</b>	<b>1,586,000</b>
<b>West Central</b> .....	<b>37,200</b>	<b>26,700</b>	<b>19.0</b>	<b>19.5</b>	<b>709,000</b>	<b>525,000</b>
<b>Central</b> .....	<b>16,500</b>	<b>10,800</b>	<b>20.5</b>	<b>20.5</b>	<b>341,000</b>	<b>222,000</b>
<b>East Central</b> .....	<b>24,700</b>	<b>19,600</b>	<b>22.5</b>	<b>21.0</b>	<b>555,000</b>	<b>412,000</b>
<b>Southwest</b> .....	<b>19,400</b>	<b>10,000</b>	<b>21.0</b>	<b>13.5</b>	<b>403,000</b>	<b>135,000</b>
Appanoose .....	840	–	16.0	–	13,600	–
Monroe .....	2,080	1,760	16.0	18.5	33,000	32,300
Ringgold .....	2,140	–	13.0	–	27,700	–
Union .....	–	1,130	–	17.0	–	19,000
Combined counties .....	15,640	14,110	15.0	16.5	237,700	232,700
<b>South Central</b> .....	<b>20,700</b>	<b>17,000</b>	<b>15.0</b>	<b>16.5</b>	<b>312,000</b>	<b>284,000</b>
Des Moines .....	–	510	–	20.0	–	10,200
Combined counties .....	20,900	19,190	15.5	17.0	327,000	325,800
<b>Southeast</b> .....	<b>20,900</b>	<b>19,700</b>	<b>15.5</b>	<b>17.0</b>	<b>327,000</b>	<b>336,000</b>
<b>Iowa</b> .....	<b>330,000</b>	<b>270,000</b>	<b>21.0</b>	<b>20.5</b>	<b>6,930,000</b>	<b>5,535,000</b>

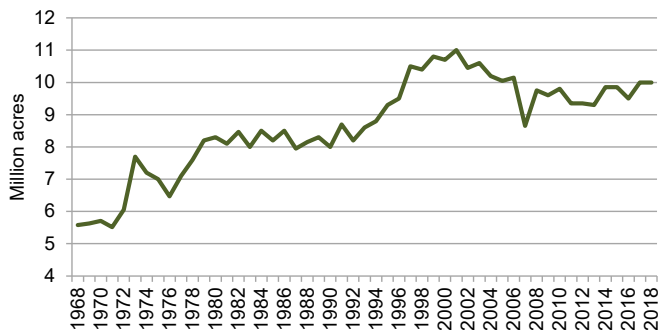
– Data does not meet publication standards but is published in "Combined counties" or represents zero.

# Soybean Production – Iowa: 2018

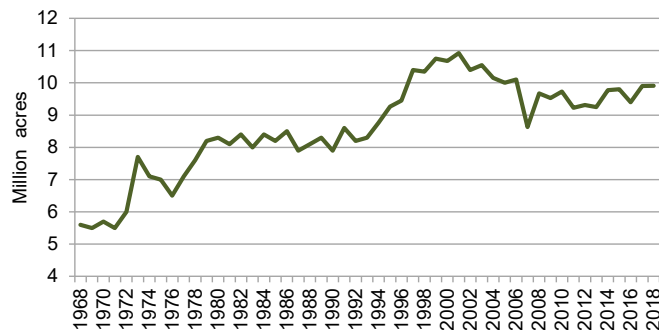
State Total: 564,870,000 Bushels



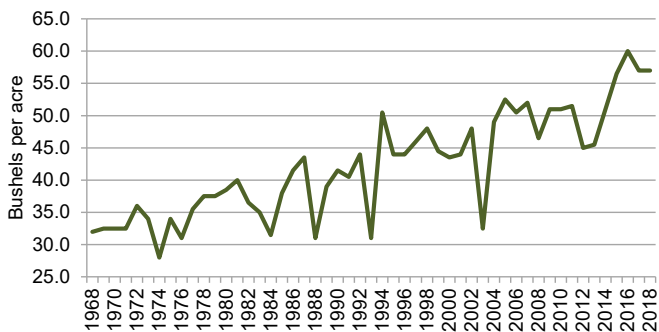
**Soybeans, Acres Planted for all Purposes  
Iowa: 1968-2018**



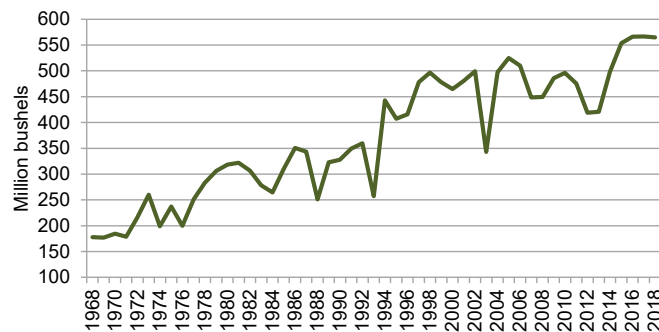
**Soybeans, Acres Harvested  
Iowa: 1968-2018**



**Soybeans, Yield per Acre  
Iowa: 1968-2018**



**Soybeans, Production  
Iowa: 1968-2018**



## Soybeans for Beans, Area Planted, Harvested, Yield and Production – Iowa by County: 2017-2018

County and district	Area planted		Area harvested		Yield		Production	
	2017	2018	2017	2018	2017	2018	2017	2018
	(acres)	(acres)	(acres)	(acres)	(bushels)	(bushels)	(bushels)	(bushels)
Buena Vista .....	143,500	144,500	142,700	143,300	56.5	56.5	8,058,000	8,099,000
Cherokee .....	135,500	135,000	134,700	133,800	62.4	65.5	8,400,000	8,767,000
Clay .....	128,000	129,500	127,300	128,600	57.6	53.6	7,328,000	6,889,000
Dickinson .....	80,400	86,700	80,000	85,800	57.7	50.7	4,616,000	4,350,000
Emmet .....	90,600	90,800	90,000	88,800	58.9	47.5	5,305,000	4,222,000
Lyon .....	123,500	125,000	122,800	124,000	63.8	61.2	7,831,000	7,591,000
O'Brien .....	140,500	146,000	139,700	144,700	62.3	61.0	8,697,000	8,829,000
Osceola .....	101,500	105,000	100,700	103,700	59.7	58.2	6,015,000	6,040,000
Palo Alto .....	111,500	118,500	110,900	115,100	57.8	49.7	6,415,000	5,716,000
Plymouth .....	196,500	203,000	195,400	199,600	59.6	62.5	11,638,000	12,471,000
Pocahontas .....	143,000	147,500	142,200	146,000	58.2	50.6	8,275,000	7,393,000
Sioux .....	155,500	160,500	154,600	158,600	65.2	67.0	10,076,000	10,630,000
<b>Northwest .....</b>	<b>1,550,000</b>	<b>1,592,000</b>	<b>1,541,000</b>	<b>1,572,000</b>	<b>60.1</b>	<b>57.9</b>	<b>92,654,000</b>	<b>90,997,000</b>
Butler .....	107,500	106,000	106,900	105,100	55.9	56.8	5,977,000	5,965,000
Cerro Gordo .....	114,000	116,000	113,400	115,100	55.2	52.9	6,263,000	6,084,000
Floyd .....	107,500	97,200	106,800	96,700	54.1	50.8	5,777,000	4,912,000
Franklin .....	114,000	110,000	113,300	109,000	57.0	59.9	6,458,000	6,528,000
Hancock .....	116,000	122,500	115,400	121,400	57.4	52.8	6,625,000	6,412,000
Humboldt .....	105,000	103,000	104,400	101,000	58.0	50.8	6,051,000	5,134,000
Kossuth .....	218,500	222,000	217,500	221,000	60.4	55.5	13,145,000	12,265,000
Mitchell .....	93,000	90,400	92,500	89,600	54.4	56.9	5,036,000	5,097,000
Winnebago .....	90,500	84,800	90,000	83,900	59.9	53.0	5,394,000	4,448,000
Worth .....	93,500	88,600	93,000	88,000	54.8	55.0	5,100,000	4,839,000
Wright .....	133,500	131,500	132,800	130,200	57.9	53.8	7,689,000	7,007,000
<b>North Central .....</b>	<b>1,293,000</b>	<b>1,272,000</b>	<b>1,286,000</b>	<b>1,261,000</b>	<b>57.2</b>	<b>54.5</b>	<b>73,515,000</b>	<b>68,691,000</b>
Allamakee .....	34,700	32,900	34,500	32,700	52.6	54.1	1,815,000	1,768,000
Black Hawk .....	94,200	93,900	93,600	93,200	59.5	59.6	5,566,000	5,556,000
Bremer .....	75,200	68,700	74,700	68,000	56.8	56.9	4,242,000	3,872,000
Buchanan .....	85,300	83,100	84,800	82,700	55.9	57.8	4,744,000	4,783,000
Chickasaw .....	89,300	89,600	88,800	88,700	50.4	52.8	4,474,000	4,687,000
Clayton .....	57,800	59,500	57,300	59,200	59.0	60.2	3,383,000	3,562,000
Delaware .....	58,500	63,700	58,100	63,400	63.0	65.3	3,663,000	4,142,000
Dubuque .....	40,600	41,400	40,400	41,200	59.6	63.4	2,408,000	2,613,000
Fayette .....	115,500	110,000	114,800	109,400	56.3	58.2	6,463,000	6,370,000
Howard .....	89,300	87,600	88,800	87,200	51.6	55.5	4,584,000	4,837,000
Winneshiek .....	67,600	66,600	67,200	66,300	54.6	52.9	3,671,000	3,506,000
<b>Northeast .....</b>	<b>808,000</b>	<b>797,000</b>	<b>803,000</b>	<b>792,000</b>	<b>56.1</b>	<b>57.7</b>	<b>45,013,000</b>	<b>45,696,000</b>
Audubon .....	96,800	92,100	96,300	91,600	57.2	51.6	5,506,000	4,724,000
Calhoun .....	137,500	141,500	136,800	140,000	57.5	53.3	7,870,000	7,466,000
Carroll .....	122,000	114,500	121,100	113,600	60.4	60.4	7,318,000	6,864,000
Crawford .....	150,000	147,500	149,200	146,700	61.3	62.4	9,147,000	9,151,000
Greene .....	128,000	129,500	127,300	128,300	56.7	57.0	7,215,000	7,316,000
Guthrie .....	93,700	94,700	93,100	94,200	59.2	52.4	5,509,000	4,938,000
Harrison .....	131,000	136,000	130,100	135,100	53.7	53.9	6,980,000	7,278,000
Ida .....	98,500	98,700	98,000	98,200	62.1	65.3	6,084,000	6,413,000
Monona .....	143,000	141,000	142,200	139,400	57.1	56.6	8,126,000	7,892,000
Sac .....	134,500	143,500	133,600	142,500	57.8	62.1	7,726,000	8,855,000
Shelby .....	143,500	137,500	142,700	136,800	58.2	59.2	8,305,000	8,094,000
Woodbury .....	172,500	169,500	171,600	168,600	58.1	60.9	9,963,000	10,267,000
<b>West Central .....</b>	<b>1,551,000</b>	<b>1,546,000</b>	<b>1,542,000</b>	<b>1,535,000</b>	<b>58.2</b>	<b>58.1</b>	<b>89,749,000</b>	<b>89,258,000</b>
Boone .....	107,500	111,500	106,900	110,700	56.7	55.7	6,058,000	6,170,000
Dallas .....	104,000	103,500	103,400	102,000	54.6	54.0	5,644,000	5,505,000
Grundy .....	128,000	125,000	127,200	124,000	63.6	63.3	8,086,000	7,844,000
Hamilton .....	115,000	117,000	114,300	115,900	57.2	49.5	6,541,000	5,742,000
Hardin .....	98,000	102,500	97,400	101,800	59.7	60.6	5,813,000	6,169,000
Jasper .....	142,500	143,500	141,500	142,300	60.5	62.0	8,555,000	8,819,000
Marshall .....	129,000	121,000	128,200	120,200	63.5	63.3	8,144,000	7,606,000
Polk .....	71,000	68,500	70,300	66,500	57.1	54.6	4,016,000	3,631,000
Poweshiek .....	112,000	119,000	111,300	118,200	56.6	59.4	6,296,000	7,022,000
Story .....	110,000	116,500	109,300	115,700	57.9	52.8	6,330,000	6,113,000
Tama .....	140,500	144,000	139,700	142,800	59.5	61.4	8,318,000	8,770,000
Webster .....	160,500	158,000	159,500	156,900	57.9	52.2	9,233,000	8,196,000
<b>Central .....</b>	<b>1,418,000</b>	<b>1,430,000</b>	<b>1,409,000</b>	<b>1,417,000</b>	<b>58.9</b>	<b>57.6</b>	<b>83,034,000</b>	<b>81,587,000</b>

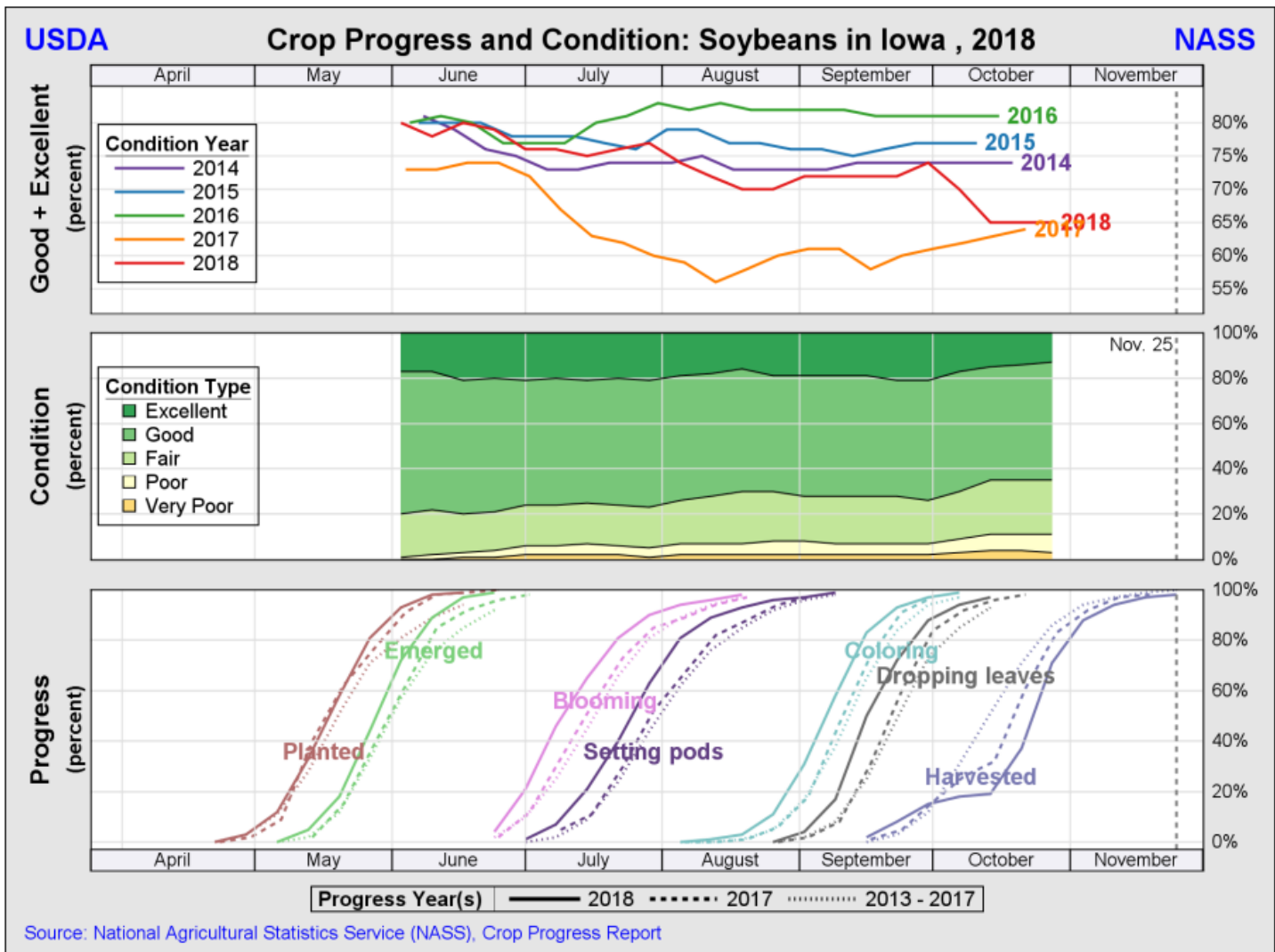
See footnote(s) at the end of the table.

--continued

**Soybeans for Beans, Area Planted, Harvested, Yield and Production – Iowa by County:  
2017-2018 (continued)**

County and district	Area planted		Area harvested		Yield		Production	
	2017	2018	2017	2018	2017	2018	2017	2018
	(acres)	(acres)	(acres)	(acres)	(bushels)	(bushels)	(bushels)	(bushels)
Benton .....	159,500	154,500	158,600	153,500	57.6	61.0	9,133,000	9,361,000
Cedar .....	118,000	119,500	117,300	119,000	59.6	64.6	6,986,000	7,692,000
Clinton .....	116,000	120,000	114,800	119,500	59.7	59.6	6,848,000	7,118,000
Iowa .....	103,000	97,600	102,400	96,000	56.7	57.2	5,808,000	5,490,000
Jackson .....	54,500	51,700	54,200	51,500	59.2	59.3	3,211,000	3,054,000
Johnson .....	92,700	92,200	92,200	91,000	56.4	61.2	5,201,000	5,570,000
Jones .....	77,200	72,800	76,800	72,400	54.9	61.4	4,220,000	4,442,000
Linn .....	105,000	105,000	104,400	104,500	56.0	58.9	5,849,000	6,153,000
Muscatine .....	74,700	72,900	74,300	72,600	60.3	63.0	4,483,000	4,574,000
Scott .....	70,400	68,800	70,000	68,000	63.4	65.1	4,437,000	4,426,000
<b>East Central .....</b>	<b>971,000</b>	<b>955,000</b>	<b>965,000</b>	<b>948,000</b>	<b>58.2</b>	<b>61.1</b>	<b>56,176,000</b>	<b>57,880,000</b>
Adair .....	110,500	107,000	109,900	106,500	50.5	51.0	5,554,000	5,435,000
Adams .....	71,500	69,700	71,100	69,400	52.6	54.2	3,742,000	3,761,000
Cass .....	122,000	122,000	121,300	121,400	56.9	53.5	6,898,000	6,500,000
Fremont .....	115,500	113,000	114,800	111,700	60.1	51.5	6,896,000	5,755,000
Mills .....	99,000	–	98,400	–	55.7	–	5,477,000	–
Montgomery .....	93,500	89,100	93,000	88,600	56.2	52.7	5,231,000	4,667,000
Page .....	115,000	109,500	114,200	109,000	55.4	51.4	6,324,000	5,603,000
Pottawattamie .....	196,000	–	194,900	–	57.0	–	11,107,000	–
Taylor .....	84,000	–	83,400	–	52.8	–	4,405,000	–
Combined counties.....	(X)	384,700	(X)	381,400	(X)	53.0	(X)	20,216,000
<b>Southwest .....</b>	<b>1,007,000</b>	<b>995,000</b>	<b>1,001,000</b>	<b>988,000</b>	<b>55.6</b>	<b>52.6</b>	<b>55,634,000</b>	<b>51,937,000</b>
Appanoose .....	46,200	47,300	46,000	47,000	50.7	45.9	2,332,000	2,157,000
Clarke .....	–	39,000	–	38,800	–	48.7	–	1,890,000
Decatur .....	–	44,600	–	44,000	–	48.8	–	2,148,000
Lucas .....	37,500	39,300	37,400	39,000	41.4	42.3	1,550,000	1,648,000
Madison .....	74,600	69,000	74,100	68,100	52.5	51.8	3,887,000	3,525,000
Marion .....	77,800	74,600	77,500	74,000	52.9	59.3	4,102,000	4,389,000
Monroe .....	29,100	30,800	28,900	30,500	51.0	51.3	1,473,000	1,565,000
Ringgold .....	64,600	58,300	64,300	57,800	48.8	48.0	3,140,000	2,776,000
Union .....	50,900	55,900	50,700	55,500	44.5	49.4	2,257,000	2,743,000
Warren .....	68,800	71,600	68,500	71,100	49.9	53.0	3,418,000	3,765,000
Wayne .....	–	72,600	–	72,200	–	49.8	–	3,598,000
Combined counties.....	150,500	(X)	149,600	(X)	45.0	(X)	6,725,000	(X)
<b>South Central .....</b>	<b>600,000</b>	<b>603,000</b>	<b>597,000</b>	<b>598,000</b>	<b>48.4</b>	<b>50.5</b>	<b>28,884,000</b>	<b>30,204,000</b>
Davis .....	52,800	53,100	52,500	52,700	37.6	51.1	1,975,000	2,692,000
Des Moines .....	63,200	69,200	62,800	68,900	59.6	64.9	3,746,000	4,473,000
Henry .....	72,500	68,100	72,100	67,800	60.5	63.4	4,363,000	4,299,000
Jefferson .....	64,800	69,700	64,400	69,100	46.1	63.1	2,969,000	4,362,000
Keokuk .....	102,500	105,000	101,600	103,500	51.6	58.8	5,245,000	6,082,000
Lee .....	68,600	71,400	68,200	71,000	53.5	65.9	3,651,000	4,679,000
Louisa .....	71,600	71,000	71,200	70,700	59.0	59.1	4,204,000	4,178,000
Mahaska .....	105,500	103,000	104,800	99,100	54.4	60.8	5,701,000	6,023,000
Van Buren .....	51,400	50,400	50,600	50,100	36.6	55.1	1,850,000	2,763,000
Wapello .....	54,900	55,000	54,200	54,800	45.0	61.2	2,440,000	3,356,000
Washington .....	94,200	94,100	93,600	91,300	61.7	62.6	5,777,000	5,713,000
<b>Southeast .....</b>	<b>802,000</b>	<b>810,000</b>	<b>796,000</b>	<b>799,000</b>	<b>52.7</b>	<b>60.9</b>	<b>41,921,000</b>	<b>48,620,000</b>
<b>State .....</b>	<b>10,000,000</b>	<b>10,000,000</b>	<b>9,940,000</b>	<b>9,910,000</b>	<b>57.0</b>	<b>57.0</b>	<b>566,580,000</b>	<b>564,870,000</b>

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



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

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

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

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

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

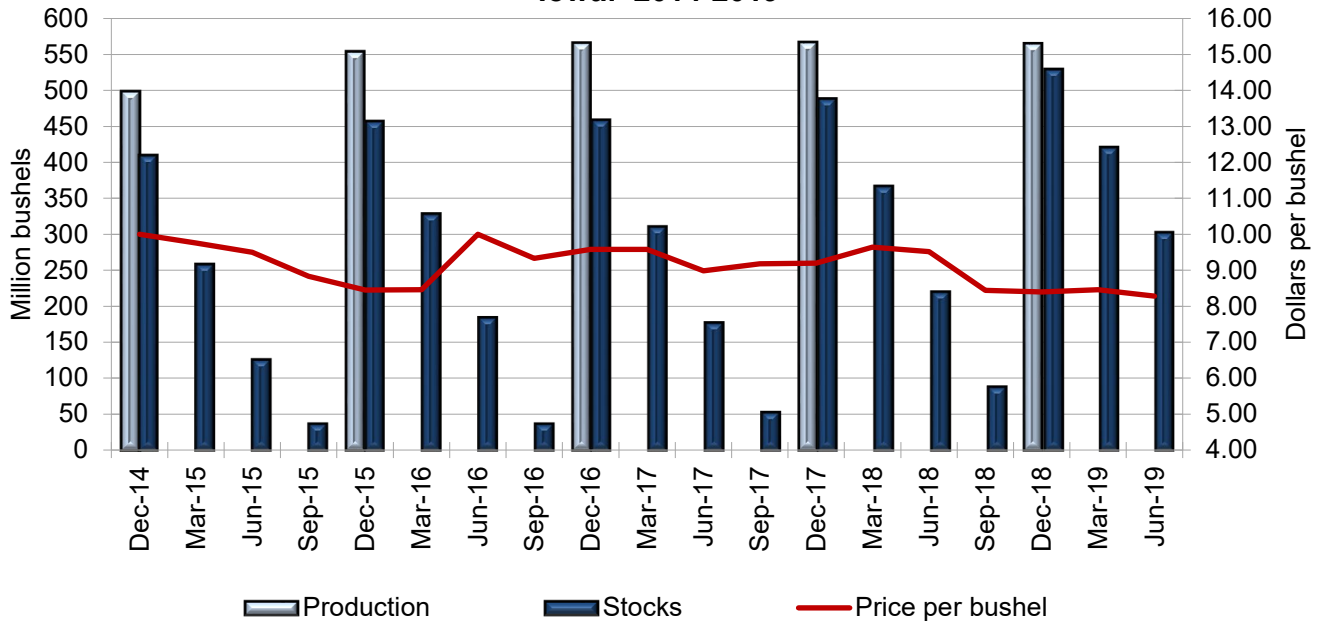
**Excellent:** Yield prospects are above normal and crops are experiencing little or no stress. Disease, insect damage, and weed pressures are insignificant.

## Soybean Production, Stocks on Farms, and Total Stocks by Quarter – Iowa and United States: 2009-2019

Crop year	Production	Marketing season							
		December 1		March 1		June 1		September 1	
		On-farm	Total	On-farm	Total	On-farm	Total	On-farm	Total
(1,000 bushels)									
<b>Iowa</b>									
2009-2010	486,030	195,000	396,812	115,000	251,325	49,000	123,024	10,500	38,134
2010-2011	496,230	160,000	387,386	94,000	246,397	50,000	139,225	10,500	47,112
2011-2012	475,345	185,000	422,825	120,000	295,028	44,000	146,588	9,400	38,764
2012-2013	418,950	145,000	338,067	89,000	207,577	40,000	103,421	12,500	40,211
2013-2014	420,875	135,000	339,834	74,000	208,224	24,000	94,193	5,900	21,596
2014-2015	498,270	180,000	408,616	110,000	257,691	50,000	125,505	10,500	37,265
2015-2016	553,700	195,000	455,673	155,000	328,475	53,000	183,673	6,400	36,541
2016-2017	566,400	185,000	457,767	115,000	309,614	62,000	177,472	15,000	53,075
2017-2018	566,580	210,000	487,498	150,000	365,619	71,000	219,578	21,500	87,866
2018-2019	564,870	250,000	527,503	195,000	420,241	140,000	301,665	(NA)	(NA)
<b>United States</b>									
2009-2010	3,360,931	1,229,500	2,338,550	609,200	1,270,068	232,600	571,123	35,400	150,885
2010-2011	3,331,306	1,091,000	2,278,084	505,000	1,248,800	217,700	619,283	48,500	215,013
2011-2012	3,097,179	1,139,000	2,369,885	555,000	1,374,488	179,000	667,465	38,250	169,370
2012-2013	3,042,044	910,000	1,966,161	456,700	998,020	171,100	434,664	39,550	140,557
2013-2014	3,357,004	955,000	2,153,621	381,900	993,828	109,100	405,045	21,325	91,991
2014-2015	3,928,070	1,218,000	2,527,744	609,200	1,326,599	246,300	627,068	49,700	190,610
2015-2016	3,926,779	1,308,500	2,714,077	727,500	1,530,906	281,300	871,781	41,560	196,729
2016-2017	4,296,496	1,335,000	2,899,056	668,500	1,738,933	332,500	965,856	87,900	301,595
2017-2018	4,411,633	1,485,000	3,160,679	855,000	2,109,303	377,000	1,219,329	101,000	438,105
2018-2019	4,543,883	1,935,000	3,745,824	1,270,000	2,727,069	730,000	1,789,981	(NA)	(NA)

(NA) Not available.

### Soybean Production by Year, Stocks by Quarter, and Price by Month Iowa: 2014-2019



## Soybeans, Supply and Use – United States: Marketing Year 2009-2018

Marketing year <sup>1</sup>	Supply			Use <sup>5</sup>				Ending stocks	Ending stocks by days <sup>3</sup>	Ending stocks as percent of total use	Marketing year average farm price (dollars per bushel)
	Beginning stocks	Production	Total supply <sup>2,5</sup>	Crush	Seed, feed, and residual use	Exports	Total use				
	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)	(million bushels)			
2009-2010	138	3,361	3,514	1,752	112	1,499	3,363	151	16	4	9.59
2010-2011	151	3,331	3,497	1,648	129	1,505	3,282	215	24	7	11.30
2011-2012	215	3,097	3,328	1,703	91	1,365	3,159	169	20	5	12.50
2012-2013	169	3,042	3,252	1,689	95	1,328	3,111	141	17	5	14.40
2013-2014	141	3,357	3,569	1,734	105	1,639	3,477	92	10	3	13.00
2014-2015	92	3,928	4,053	1,873	147	1,842	3,863	191	18	5	10.10
2015-2016	191	3,927	4,141	1,886	115	1,943	3,944	197	18	5	8.95
2016-2017	197	4,296	4,515	1,901	146	2,166	4,214	302	26	7	9.47
2017-2018	302	4,412	4,735	2,055	109	2,134	4,297	438	37	10	9.33
2018-2019 <sup>4,5</sup>	438	4,544	4,999	2,065	164	1,700	3,929	1,070	99	27	8.50

<sup>1</sup> September 1 – August 31.

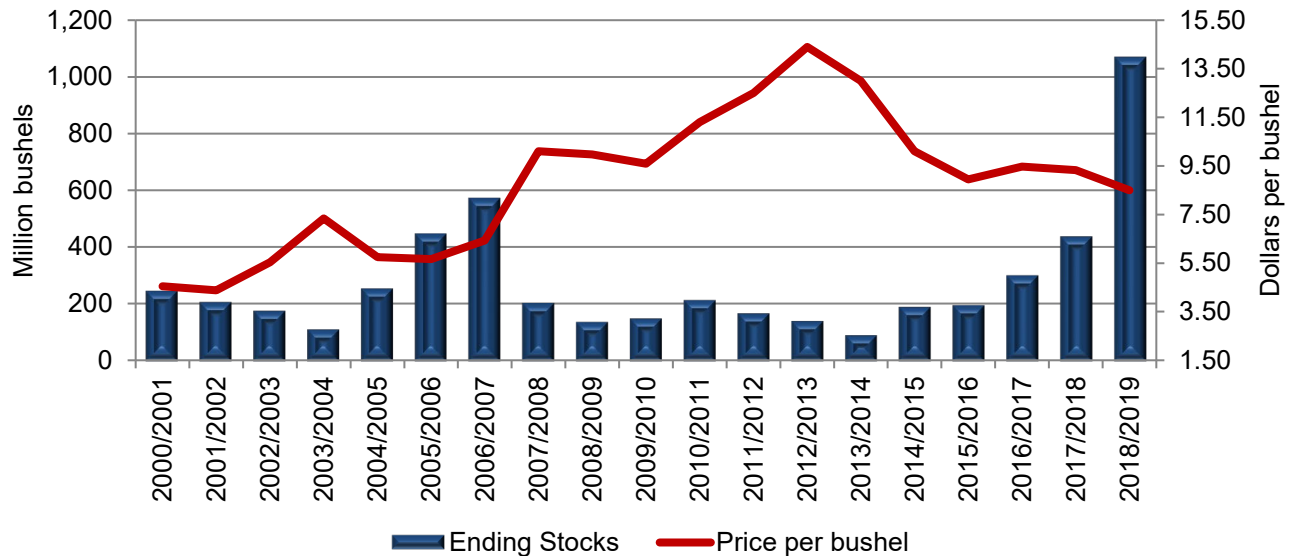
<sup>2</sup> Includes beginning stocks, production, and imports.

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

<sup>4</sup> Estimated.

<sup>5</sup> Source: World Agricultural Supply and Demand Estimates Report.

### Soybeans Ending Stocks vs Market Year Average Price per Bushel United States: 2000-2018



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

## Objective Yield Data, Soybeans – Iowa

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

### Soybeans, Pods with Beans per 18 Square Feet – Iowa: 2014-2018

Year	September	October	November	Final
2014	1,621	1,690	1,772	1,768
2015	1,779	1,805	1,834	1,834
2016	1,808	1,801	1,861	1,890
2017	1,644	1,670	1,717	1,735
2018	1,823	1,984	2,082	2,097

### Soybeans, Frequency of Farmer Reported Row Widths – Iowa: 2014-2018

Year	Less than 7.5 inches <sup>1</sup>	7.5 inches	15 inches	30 inches	More than 30 inches
2014	1	3	74	104	2
2015	4	4	76	92	4
2016	1	6	73	100	2
2017	1	3	80	94	1
2018	1	11	77	88	3

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

### Soybeans, Percentage Distribution by Measured Row Width and Average Row Width – Iowa: 2014-2018

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	
2014	185	2.2	33.6	7.0	55.6	1.6	24.3
2015	181	2.8	36.7	9.1	49.2	2.2	23.4
2016	179	2.2	34.4	11.2	50.5	1.7	23.7
2017	180	1.1	34.4	12.8	50.6	1.1	23.7
2018	177	4.8	36.5	10.1	45.8	2.8	22.8

<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: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep <sup>1</sup>	Oct	Nov	Dec	Market year average <sup>2</sup>
(dollars per bushel)													
<b>Iowa</b>													
2014	12.80	13.10	13.70	14.30	14.70	14.40	13.00	12.40	11.00	10.00	10.20	10.00	9.96
2015	10.20	9.84	9.76	9.58	9.50	9.50	10.00	9.49	8.83	8.69	8.58	8.45	8.91
2016	8.46	8.36	8.46	8.93	9.61	10.00	10.10	9.77	9.33	9.22	9.36	9.58	9.34
2017	9.58	9.71	9.58	9.29	9.14	8.98	9.32	9.05	9.18	9.15	9.21	9.20	9.25
2018	9.15	9.36	9.64	9.75	9.58	9.52	9.15	8.38	8.44	8.71	8.49	8.40	(NA)
<b>United States</b>													
2014	12.90	13.20	13.70	14.30	14.40	14.30	13.10	12.40	10.90	9.97	10.20	10.30	10.10
2015	10.30	9.91	9.85	9.69	9.58	9.58	9.95	9.71	9.05	8.81	8.68	8.76	8.95
2016	8.71	8.51	8.56	9.01	9.76	10.20	10.20	9.93	9.41	9.30	9.47	9.64	9.47
2017	9.71	9.86	9.69	9.33	9.29	9.10	9.42	9.24	9.35	9.18	9.22	9.30	9.33
2018	9.30	9.50	9.81	9.85	9.84	9.55	9.08	8.59	8.77	8.58	8.37	8.57	(NA)

(NA) Not available.

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

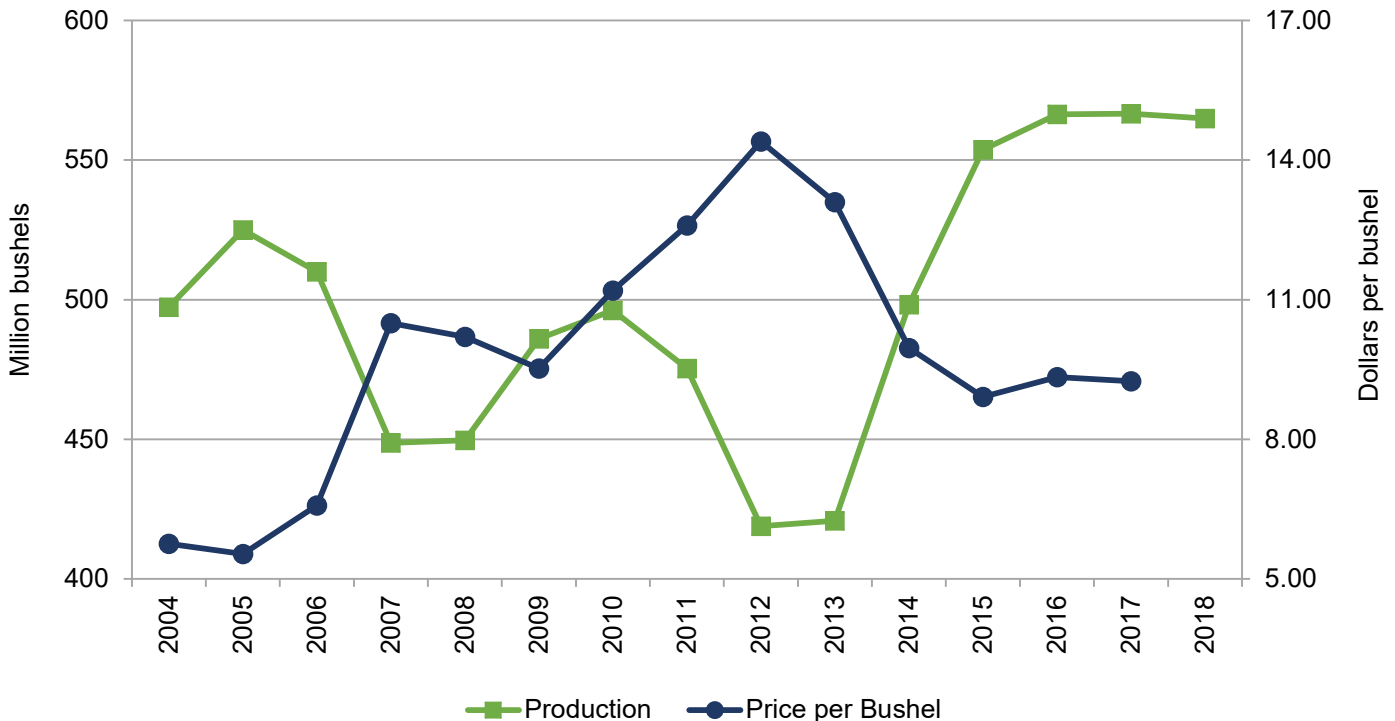
<sup>2</sup> Market year average price does not include any grain forfeited to CCC. For crops, market year prices are computed by weighting monthly prices by estimated monthly marketings.

## Soybean Prices Received – Iowa by District: Market Year Average 2013-2017

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

	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast
(dollars per bushel)									
2013-2014	13.00	13.06	12.99	13.05	13.06	13.33	13.03	13.25	13.19
2014-2015	9.79	9.97	10.13	9.92	9.96	10.20	9.73	10.16	10.17
2015-2016	8.83	8.82	8.91	8.89	8.83	9.18	8.85	8.87	9.21
2016-2017	9.23	9.28	9.33	9.24	9.36	9.60	9.31	9.37	9.65
2017-2018	9.14	9.16	9.40	9.09	9.27	9.47	9.36	9.26	9.61

## Soybean Production and Market Year Average Prices Iowa: 2004-2018



## 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.

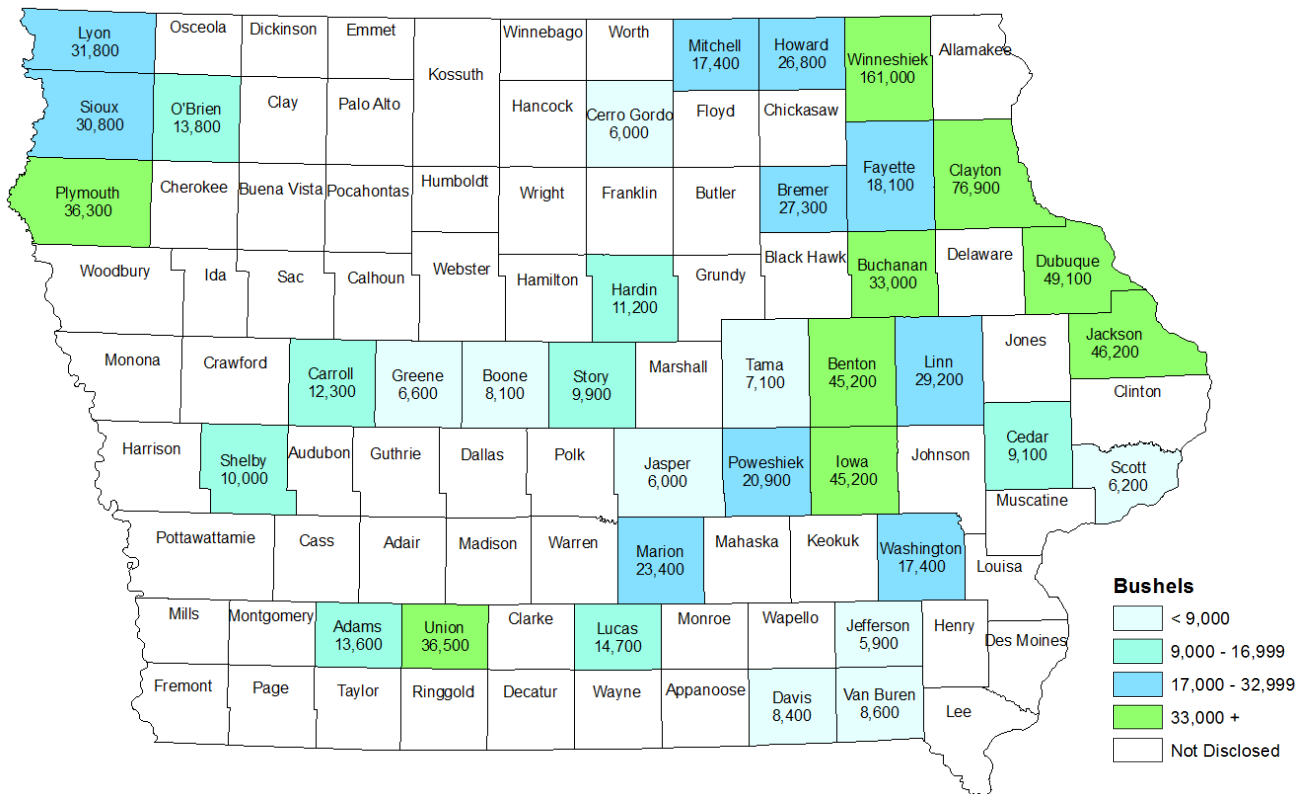
### Soybean Biotechnology Varieties, Percent of All Planted Acres – Iowa and United States: 2010-2019

	Acres planted	Herbicide resistant	All biotech varieties
	(1,000 acres)	(percent)	(percent)
<b>Iowa</b>			
2010	9,800	96	96
2011	9,350	97	97
2012	9,350	97	97
2013	9,300	93	93
2014	9,850	97	97
2015	9,850	96	96
2016	9,500	97	97
2017	10,000	94	94
2018	10,000	95	95
2019	9,100	94	94
<b>United States</b>			
2010	77,404	93	93
2011	75,046	94	94
2012	77,198	93	93
2013	76,840	93	93
2014	83,296	94	94
2015	82,660	94	94
2016	83,453	94	94
2017	90,162	94	94
2018	89,196	94	94
2019	80,040	94	94

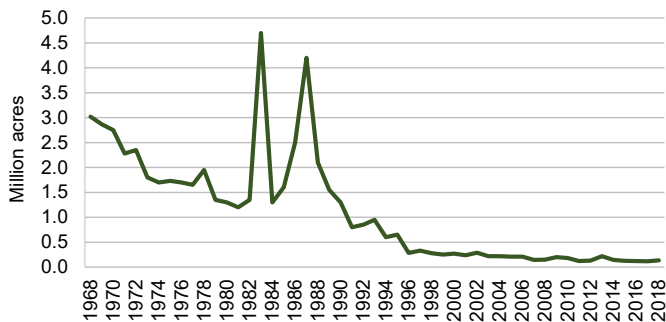


# Oat Production – Iowa: 2018

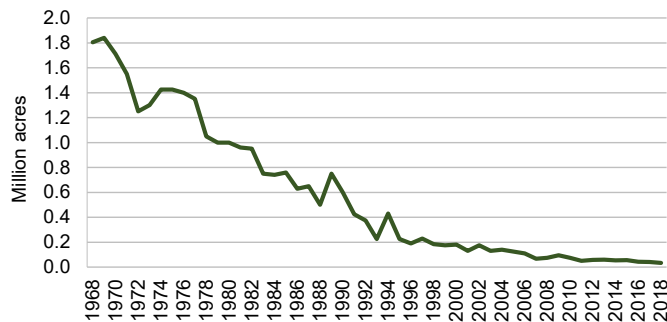
State Total: 2,079,000 Bushels



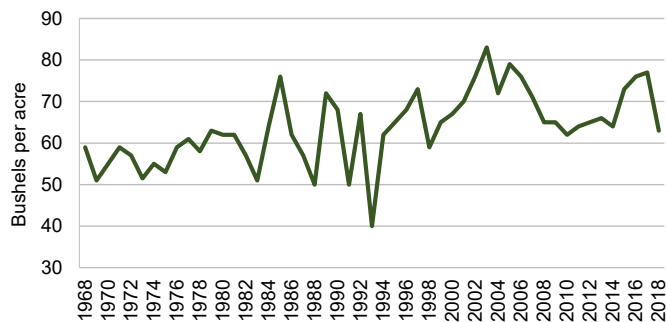
**Oats, Planted Acres  
Iowa: 1968-2018**



**Oats, Harvested Acres  
Iowa: 1968-2018**



**Oats, Yield per Acre  
Iowa: 1968-2018**



**Oats, Production  
Iowa: 1968-2018**



## Oats Area Planted, Harvested, Yield and Production – Iowa by County: 2017-2018

County and district	Area planted		Area harvested		Yield per acre		Production	
	2017 (acres)	2018 (acres)	2017 (acres)	2018 (acres)	2017 (bushels)	2018 (bushels)	2017 (bushels)	2018 (bushels)
Lyon.....	—	900	—	360	—	88.3	—	31,800
O'Brien.....	600	800	370	180	80.8	76.7	29,900	13,800
Palo Alto.....	2,300	—	1,570	—	98.1	—	154,000	—
Plymouth.....	1,100	1,100	660	400	109.5	90.8	72,300	36,300
Sioux.....	800	1,100	520	350	91.3	88.0	47,500	30,800
Combined counties.....	3,000	5,400	1,610	2,270	99.6	65.3	160,300	148,300
<b>Northwest.....</b>	<b>7,800</b>	<b>9,300</b>	<b>4,730</b>	<b>3,560</b>	<b>98.1</b>	<b>73.3</b>	<b>464,000</b>	<b>261,000</b>
Cerro Gordo.....	—	600	—	80	—	75.0	—	6,000
Mitchell.....	900	900	500	280	72.4	62.1	36,200	17,400
Worth.....	600	—	410	—	79.8	—	32,700	—
Combined counties.....	5,700	6,200	3,160	2,330	82.6	54.3	261,100	126,600
<b>North Central.....</b>	<b>7,200</b>	<b>7,700</b>	<b>4,070</b>	<b>2,690</b>	<b>81.1</b>	<b>55.8</b>	<b>330,000</b>	<b>150,000</b>
Allamakee.....	6,200	—	1,080	—	73.8	—	79,700	—
Bremer.....	—	1,000	—	340	—	80.3	—	27,300
Buchanan.....	800	1,100	380	540	83.9	61.1	31,900	33,000
Clayton.....	4,700	6,100	1,020	1,300	60.7	59.2	61,900	76,900
Dubuque.....	5,600	6,100	1,010	780	67.6	62.9	68,300	49,100
Fayette.....	3,000	3,200	660	330	77.9	54.8	51,400	18,100
Howard.....	1,600	1,600	970	660	73.2	40.6	71,000	26,800
Winneshiek.....	—	7,900	—	2,090	—	77.0	—	161,000
Combined counties.....	12,800	13,000	5,480	4,760	73.7	68.4	403,800	325,800
<b>Northeast.....</b>	<b>34,700</b>	<b>40,000</b>	<b>10,600</b>	<b>10,800</b>	<b>72.5</b>	<b>66.5</b>	<b>768,000</b>	<b>718,000</b>
Audubon.....	900	—	520	—	81.0	—	42,100	—
Carroll.....	—	500	—	200	—	61.5	—	12,300
Crawford.....	800	—	220	—	99.1	—	21,800	—
Greene.....	—	600	—	190	—	34.7	—	6,600
Shelby.....	—	600	—	130	—	76.9	—	10,000
Woodbury.....	600	—	360	—	55.6	—	20,000	—
Combined counties.....	6,100	6,500	2,950	1,450	73.3	76.6	216,100	111,100
<b>West Central.....</b>	<b>8,400</b>	<b>8,200</b>	<b>4,050</b>	<b>1,970</b>	<b>74.1</b>	<b>71.1</b>	<b>300,000</b>	<b>140,000</b>
Boone.....	700	700	470	140	103.8	57.9	48,800	8,100
Hardin.....	—	500	—	160	—	70.0	—	11,200
Jasper.....	1,200	1,300	110	110	90.0	54.5	9,900	6,000
Poweshiek.....	1,600	2,100	420	350	76.7	59.7	32,200	20,900
Story.....	—	600	—	180	—	55.0	—	9,900
Tama.....	1,600	2,100	150	140	104.7	50.7	15,700	7,100
Combined counties.....	3,500	3,200	2,020	500	101.2	69.6	204,400	34,800
<b>Central.....</b>	<b>8,600</b>	<b>10,500</b>	<b>3,170</b>	<b>1,580</b>	<b>98.1</b>	<b>62.0</b>	<b>311,000</b>	<b>98,000</b>
Benton.....	1,100	1,700	440	690	87.5	65.5	38,500	45,200
Cedar.....	—	900	—	150	—	60.7	—	9,100
Clinton.....	1,500	—	800	—	63.4	—	50,700	—
Iowa.....	—	1,900	—	590	—	76.6	—	45,200
Jackson.....	—	5,100	—	880	—	52.5	—	46,200
Johnson.....	1,400	—	510	—	73.9	—	37,700	—
Jones.....	1,900	—	560	—	66.3	—	37,100	—
Linn.....	900	1,200	480	530	78.8	55.1	37,800	29,200
Muscatine.....	800	—	320	—	75.0	—	24,000	—
Scott.....	600	600	80	80	88.8	77.5	7,100	6,200
Combined counties.....	6,500	7,700	3,510	3,930	74.4	51.4	261,100	201,900
<b>East Central.....</b>	<b>14,700</b>	<b>19,100</b>	<b>6,700</b>	<b>6,850</b>	<b>73.7</b>	<b>55.9</b>	<b>494,000</b>	<b>383,000</b>
Adams.....	—	1,800	—	210	—	64.8	—	13,600
Combined counties.....	—	9,500	—	1,620	—	56.4	—	91,400
<b>Southwest.....</b>	<b>(X)</b>	<b>11,300</b>	<b>(X)</b>	<b>1,830</b>	<b>(X)</b>	<b>57.4</b>	<b>(X)</b>	<b>105,000</b>
Lucas.....	—	1,500	—	260	—	56.5	—	14,700
Marion.....	—	2,100	—	350	—	66.9	—	23,400
Union.....	—	2,300	—	520	—	70.2	—	36,500
Combined counties.....	—	12,000	—	1,380	—	56.8	—	78,400
<b>South Central.....</b>	<b>(X)</b>	<b>17,900</b>	<b>(X)</b>	<b>2,510</b>	<b>(X)</b>	<b>61.0</b>	<b>(X)</b>	<b>153,000</b>
Davis.....	1,300	1,700	370	140	67.0	60.0	24,800	8,400
Henry.....	600	—	200	—	127.0	—	25,400	—
Jefferson.....	—	900	—	110	—	53.6	—	5,900
Mahaska.....	1,300	—	530	—	86.8	—	46,000	—
Van Buren.....	800	1,100	360	160	74.2	53.8	26,700	8,600
Washington.....	—	1,000	—	320	—	54.4	—	17,400
Combined counties.....	4,700	6,300	1,250	480	72.9	64.0	91,100	30,700
<b>Southeast.....</b>	<b>8,700</b>	<b>11,000</b>	<b>2,710</b>	<b>1,210</b>	<b>79.0</b>	<b>58.7</b>	<b>214,000</b>	<b>71,000</b>
<b>Combined districts.....</b>	<b>24,900</b>	<b>(X)</b>	<b>5,970</b>	<b>(X)</b>	<b>59.1</b>	<b>(X)</b>	<b>353,000</b>	<b>(X)</b>
<b>State.....</b>	<b>115,000</b>	<b>135,000</b>	<b>42,000</b>	<b>33,000</b>	<b>77.0</b>	<b>63.0</b>	<b>3,234,000</b>	<b>2,079,000</b>

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

(X) Not applicable.

## Oat Prices Received by Farmers by Month – Iowa and United States: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul <sup>1</sup>	Aug	Sep	Oct	Nov	Dec	Market year average <sup>2</sup>
(dollars per bushel)													
<b>Iowa</b>													
2014	4.05	5.17	4.92	4.81	4.95	4.18	3.95	3.47	3.15	3.39	3.37	3.76	3.60
2015	3.77	4.26	3.27	3.62	2.98	3.46	2.55	2.50	2.62	3.11	2.71	2.64	2.57
2016	2.62	2.41	2.83	2.54	2.53	2.44	2.32	2.37	2.42	2.27	2.44	2.63	2.52
2017	3.00	3.08	3.20	2.95	2.96	3.21	2.52	2.37	2.52	2.79	3.16	3.13	2.54
2018	2.75	3.18	3.10	2.78	2.94	2.67	2.37	2.70	2.73	2.89	3.61	3.42	2.93
<b>United States</b>													
2014	3.70	3.75	4.13	3.96	3.98	3.73	3.49	3.24	3.20	3.16	2.95	3.21	3.21
2015	3.02	3.08	2.96	2.82	2.90	2.83	2.33	2.07	2.04	2.20	2.11	2.12	2.12
2016	1.93	2.21	2.20	1.97	2.26	1.98	1.89	1.84	1.97	2.03	2.23	2.35	2.06
2017	2.31	2.39	2.39	2.32	2.63	2.74	2.33	2.32	2.56	2.55	2.68	2.94	2.59
2018	3.29	2.63	2.80	2.93	3.14	3.04	2.61	2.47	2.62	2.71	2.55	2.67	2.66

<sup>1</sup> Oat marketing season is from July 1 through June 30 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.

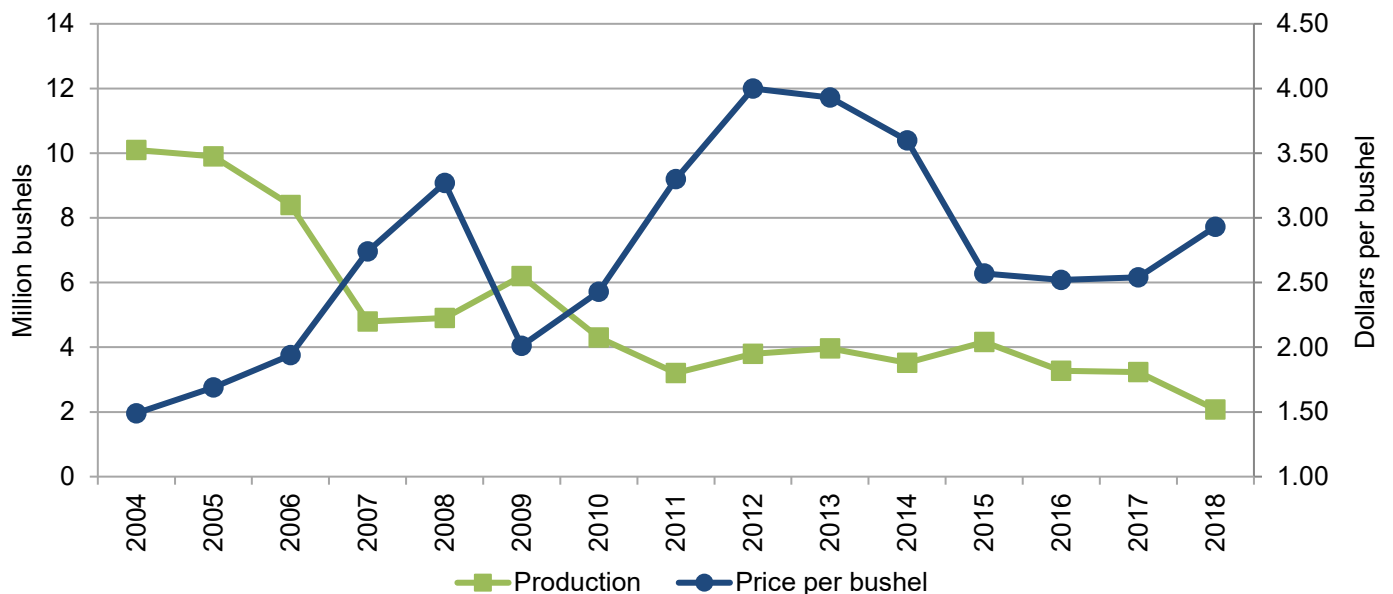
## Oat Prices Received by Farmers – Iowa by District: Market Year Average 2013-2017

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

	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast
(dollars per bushel)									
2013-2014	3.98	4.20	3.99	3.62	4.06	3.74	3.78	3.81	4.08
2014-2015	3.42	3.84	3.79	3.55	3.49	3.50	3.10	3.80	3.59
2015-2016	2.67	2.73	2.36	2.28	2.80	2.36	2.20	3.00	2.70
2016-2017	2.10	2.35	2.20	(D)	(D)	2.30	2.90	3.10	2.60
2017-2018	2.35	2.50	2.40	2.60	(D)	2.60	(D)	(D)	2.30

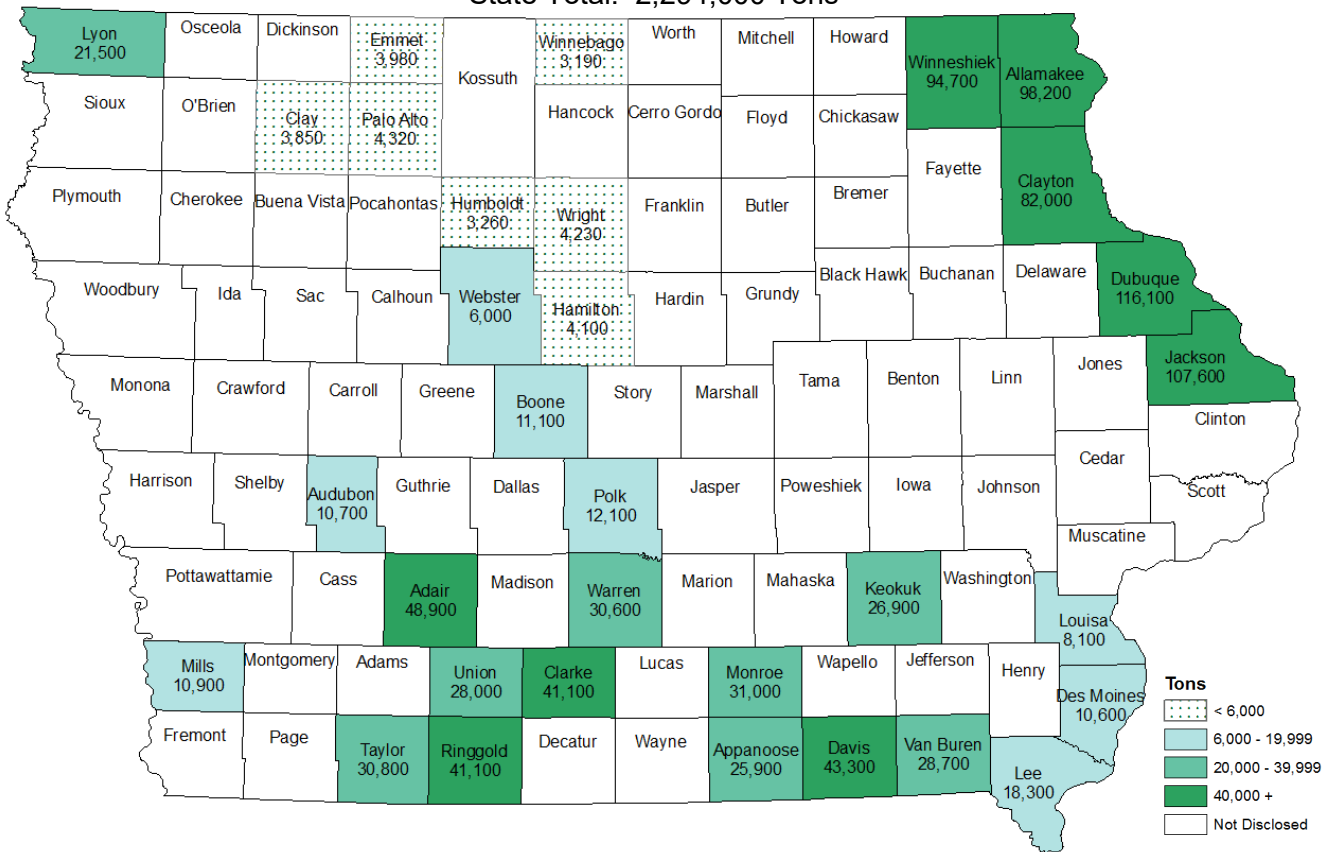
(D) Withheld to avoid disclosing data for individual operations.

## Oat Production and Market Year Average Prices Iowa: 2004-2018



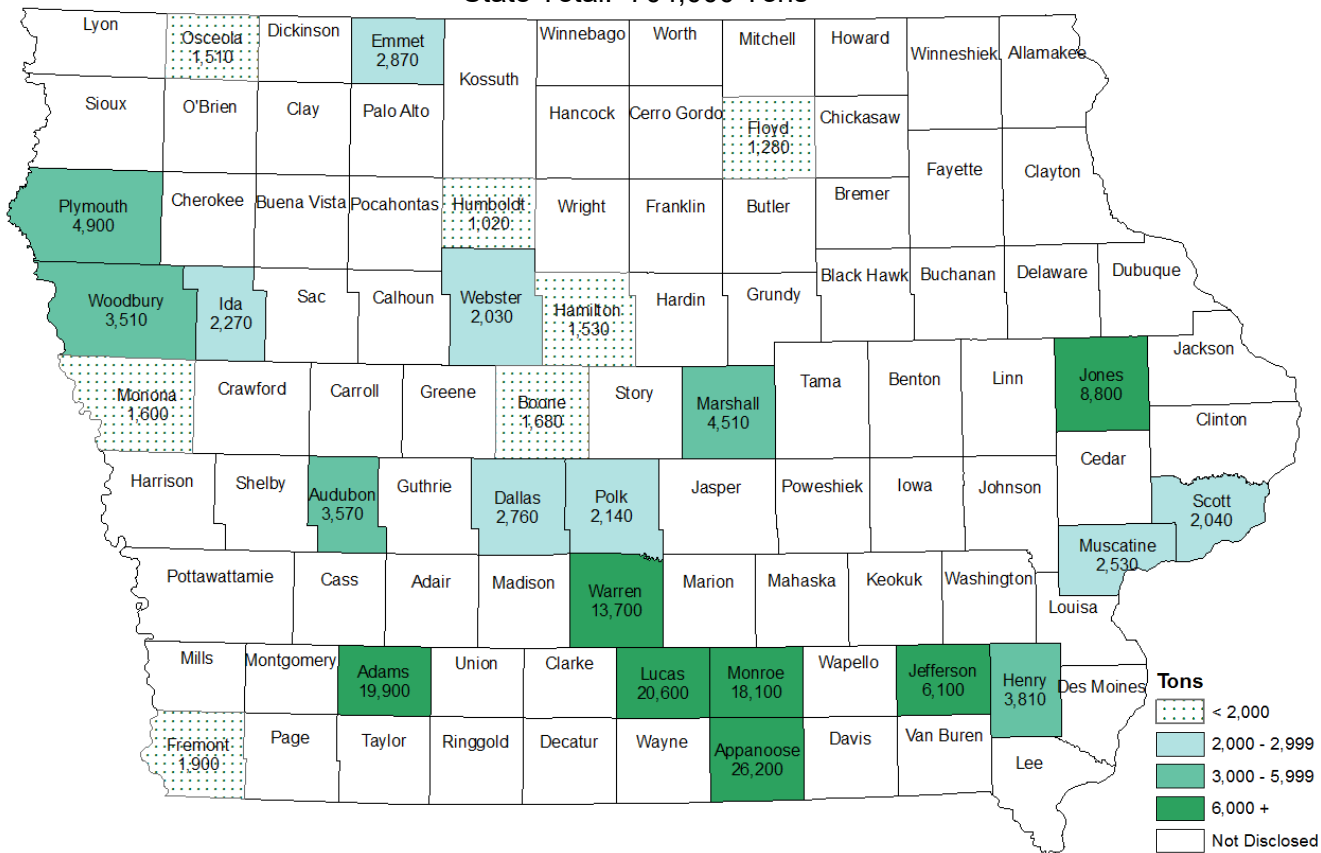
# Alfalfa Hay Production – Iowa: 2018

State Total: 2,294,000 Tons



# Other Hay Production – Iowa: 2018

State Total: 704,000 Tons





## Alfalfa Hay Harvested, Yield, and Production – Iowa by County: 2017-2018

County and district	Area harvested		Yield		Production	
	2017	2018	2017	2018	2017	2018
	(acres)	(acres)	(tons per acre)	(tons per acre)	(tons)	(tons)
Clay.....	–	1,270	–	3.05	–	3,850
Emmet.....	1,920	1,140	4.00	3.50	7,700	3,980
Lyon.....	4,260	4,490	5.20	4.80	22,200	21,500
O'Brien.....	1,990	–	3.00	–	6,000	–
Palo Alto.....	–	2,030	–	2.15	–	4,320
Combined counties.....	24,230	21,770	4.25	4.15	102,500	89,850
<b>Northwest.....</b>	<b>32,400</b>	<b>30,700</b>	<b>4.25</b>	<b>4.00</b>	<b>138,400</b>	<b>123,500</b>
Franklin.....	1,450	–	3.80	–	5,500	–
Hancock.....	2,230	–	4.55	–	10,100	–
Humboldt.....	840	780	2.75	4.20	2,330	3,260
Mitchell.....	4,450	–	4.50	–	20,000	–
Winnebago.....	1,160	850	3.15	3.75	3,660	3,190
Worth.....	2,020	–	4.35	–	8,800	–
Wright.....	1,360	1,320	2.90	3.20	3,910	4,230
Combined counties.....	10,890	17,850	3.20	2.90	35,100	51,820
<b>North Central.....</b>	<b>24,400</b>	<b>20,800</b>	<b>3.65</b>	<b>3.00</b>	<b>89,400</b>	<b>62,500</b>
Allamakee.....	25,600	24,200	4.20	4.05	108,000	98,200
Chickasaw.....	4,310	–	3.90	–	16,800	–
Clayton.....	20,000	19,400	3.95	4.25	78,700	82,000
Delaware.....	11,100	–	4.60	–	51,000	–
Dubuque.....	25,000	25,700	4.35	4.50	109,000	116,100
Fayette.....	8,200	–	3.55	–	29,100	–
Howard.....	4,810	–	4.35	–	21,000	–
Winneshiek.....	26,100	23,900	3.65	3.95	95,900	94,700
Combined counties.....	10,880	37,900	4.20	4.40	45,500	166,900
<b>Northeast.....</b>	<b>136,000</b>	<b>131,100</b>	<b>4.10</b>	<b>4.25</b>	<b>555,000</b>	<b>557,900</b>
Audubon.....	3,730	3,370	4.10	3.20	15,300	10,700
Monona.....	3,550	–	4.65	–	16,500	–
Combined counties.....	53,020	45,730	4.10	4.10	216,200	186,900
<b>West Central.....</b>	<b>60,300</b>	<b>49,100</b>	<b>4.10</b>	<b>4.00</b>	<b>248,000</b>	<b>197,600</b>
Boone.....	–	3,300	–	3.35	–	11,100
Grundy.....	1,570	–	3.45	–	5,400	–
Hamilton.....	1,370	1,190	3.15	3.45	4,300	4,100
Polk.....	–	2,830	–	4.30	–	12,100
Poweshiek.....	10,800	–	2.70	–	29,300	–
Webster.....	1,930	1,620	3.35	3.70	6,500	6,000
Combined counties.....	39,130	36,560	3.40	3.60	133,500	131,800
<b>Central.....</b>	<b>54,800</b>	<b>45,500</b>	<b>3.25</b>	<b>3.65</b>	<b>179,000</b>	<b>165,100</b>
Clinton.....	8,200	–	4.50	–	37,100	–
Jackson.....	25,200	24,300	3.70	4.45	93,200	107,600
Johnson.....	8,200	–	3.15	–	25,700	–
Jones.....	10,000	–	3.90	–	39,200	–
Linn.....	6,400	–	3.40	–	21,900	–
Combined counties.....	33,000	58,000	4.00	4.10	131,900	237,700
<b>East Central.....</b>	<b>91,000</b>	<b>82,300</b>	<b>3.85</b>	<b>4.20</b>	<b>349,000</b>	<b>345,300</b>

See footnote(s) at end of table.

--continued

## Alfalfa Hay Harvested, Yield, and Production – Iowa by County: 2017-2018 (continued)

County and district	Area harvested		Yield		Production	
	2017	2018	2017	2018	2017	2018
	(acres)	(acres)	(tons per acre)	(tons per acre)	(tons)	(tons)
Adair .....	–	12,000	–	4.10	–	48,900
Cass .....	8,930	–	3.50	–	31,400	–
Fremont .....	1,520	–	4.30	–	6,500	–
Mills .....	–	2,630	–	4.15	–	10,900
Montgomery .....	6,360	–	4.05	–	25,700	–
Taylor .....	–	8,800	–	3.50	–	30,800
Combined counties .....	50,190	32,670	3.50	3.70	174,600	121,500
<b>Southwest .....</b>	<b>67,000</b>	<b>56,100</b>	<b>3.55</b>	<b>3.80</b>	<b>238,200</b>	<b>212,100</b>
Appanoose .....	–	9,340	–	2.75	–	25,900
Clarke .....	–	13,300	–	3.10	–	41,100
Decatur .....	16,000	–	3.00	–	47,700	–
Madison .....	15,500	–	3.10	–	48,000	–
Marion .....	15,500	–	2.90	–	44,900	–
Monroe .....	–	10,100	–	3.05	–	31,000
Ringgold .....	20,700	13,700	3.20	3.00	65,900	41,100
Union .....	–	9,160	–	3.05	–	28,000
Warren .....	–	10,700	–	2.85	–	30,600
Combined counties .....	98,300	62,300	2.65	3.15	258,500	196,100
<b>South Central .....</b>	<b>166,000</b>	<b>128,600</b>	<b>2.80</b>	<b>3.05</b>	<b>465,000</b>	<b>393,800</b>
Davis .....	20,700	17,300	2.70	2.50	55,700	43,300
Des Moines .....	4,260	3,130	3.35	3.40	14,200	10,600
Keokuk .....	–	6,750	–	4.00	–	26,900
Lee .....	5,340	4,600	3.15	4.00	16,800	18,300
Louisa .....	2,370	2,090	3.10	3.90	7,300	8,100
Van Buren .....	11,800	11,000	2.80	2.60	33,100	28,700
Wapello .....	11,100	–	2.40	–	26,900	–
Washington .....	7,090	–	2.80	–	19,700	–
Combined counties .....	25,440	30,930	3.30	3.25	84,300	100,300
<b>Southeast .....</b>	<b>88,100</b>	<b>75,800</b>	<b>2.95</b>	<b>3.10</b>	<b>258,000</b>	<b>236,200</b>
<b>State total .....</b>	<b>720,000</b>	<b>620,000</b>	<b>3.50</b>	<b>3.70</b>	<b>2,520,000</b>	<b>2,294,000</b>

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



## Other Hay, Area Harvested, Yield, and Production – Iowa by County: 2017-2018

County and district	Area harvested		Yield		Production	
	2017	2018	2017	2018	2017	2018
	(acres)	(acres)	(tons per acre)	(tons per acre)	(tons)	(tons)
Buena Vista .....	770	–	2.50	–	1,940	–
Clay .....	1,900	–	2.20	–	4,210	–
Dickinson .....	990	–	3.00	–	2,980	–
Emmet .....	–	1,000	–	2.85	–	2,870
O'Brien .....	930	–	2.45	–	2,280	–
Osceola .....	–	700	–	2.15	–	1,510
Palo Alto .....	940	–	3.00	–	2,830	–
Plymouth .....	–	2,310	–	2.10	–	4,900
Combined counties .....	10,670	11,990	2.65	2.30	28,060	27,720
<b>Northwest .....</b>	<b>16,200</b>	<b>16,000</b>	<b>2.60</b>	<b>2.30</b>	<b>42,300</b>	<b>37,000</b>
Floyd .....	860	820	1.80	1.55	1,560	1,280
Hancock .....	720	–	2.30	–	1,640	–
Humboldt .....	–	510	–	2.00	–	1,020
Combined counties .....	7,720	7,070	2.40	2.10	18,500	15,000
<b>North Central .....</b>	<b>9,300</b>	<b>8,400</b>	<b>2.35</b>	<b>2.05</b>	<b>21,700</b>	<b>17,300</b>
Clayton .....	3,070	–	2.90	–	8,900	–
Combined counties .....	19,330	32,100	2.95	2.90	56,900	92,400
<b>Northeast .....</b>	<b>22,400</b>	<b>32,100</b>	<b>2.95</b>	<b>2.90</b>	<b>65,800</b>	<b>92,400</b>
Audubon .....	2,300	1,600	1.95	2.25	4,520	3,570
Ida .....	–	820	–	2.75	–	2,270
Monona .....	1,450	1,100	2.55	1.45	3,710	1,600
Woodbury .....	2,340	1,940	2.05	1.80	4,780	3,510
Combined counties .....	16,610	14,540	2.45	2.20	40,690	31,650
<b>West Central .....</b>	<b>22,700</b>	<b>20,000</b>	<b>2.35</b>	<b>2.15</b>	<b>53,700</b>	<b>42,600</b>
Boone .....	–	1,220	–	1.40	–	1,680
Dallas .....	–	1,490	–	1.85	–	2,760
Hamilton .....	590	760	2.05	2.00	1,200	1,530
Hardin .....	930	–	3.45	–	3,210	–
Marshall .....	–	1,810	–	2.50	–	4,510
Polk .....	1,240	1,320	2.00	1.60	2,460	2,140
Story .....	1,930	–	2.25	–	4,360	–
Webster .....	–	930	–	2.20	–	2,030
Combined counties .....	12,010	11,670	2.60	1.95	30,970	22,650
<b>Central .....</b>	<b>16,700</b>	<b>19,200</b>	<b>2.55</b>	<b>1.95</b>	<b>42,200</b>	<b>37,300</b>
Benton .....	2,170	–	3.10	–	6,700	–
Jackson .....	5,400	–	2.95	–	15,900	–
Jones .....	–	3,230	–	2.70	–	8,800
Muscatine .....	–	730	–	3.45	–	2,530
Scott .....	980	720	3.10	2.85	3,060	2,040
Combined counties .....	21,150	21,720	3.15	2.60	66,340	56,030
<b>East Central .....</b>	<b>29,700</b>	<b>26,400</b>	<b>3.10</b>	<b>2.65</b>	<b>92,000</b>	<b>69,400</b>
Adams .....	–	6,400	–	3.10	–	19,900
Fremont .....	1,450	1,410	2.30	1.35	3,360	1,900
Mills .....	1,600	–	2.20	–	3,540	–
Taylor .....	7,120	–	1.85	–	13,300	–
Combined counties .....	27,630	28,890	2.50	2.15	69,500	61,900
<b>Southwest .....</b>	<b>37,800</b>	<b>36,700</b>	<b>2.35</b>	<b>2.30</b>	<b>89,700</b>	<b>83,700</b>
Appanoose .....	16,000	13,600	1.75	1.95	28,100	26,200
Lucas .....	–	9,500	–	2.15	–	20,600
Monroe .....	7,720	8,150	2.15	2.20	16,700	18,100
Warren .....	–	6,160	–	2.20	–	13,700
Combined counties .....	97,280	71,790	1.85	2.05	177,800	145,400
<b>South Central .....</b>	<b>121,000</b>	<b>109,200</b>	<b>1.85</b>	<b>2.05</b>	<b>222,600</b>	<b>224,000</b>
Davis .....	13,800	–	1.60	–	21,900	–
Des Moines .....	2,780	–	1.80	–	4,940	–
Henry .....	–	1,940	–	1.95	–	3,810
Jefferson .....	3,720	3,500	1.40	1.75	5,300	6,100
Keokuk .....	2,730	–	2.10	–	5,700	–
Lee .....	4,770	–	1.90	–	9,000	–
Van Buren .....	9,140	–	1.65	–	14,900	–
Wapello .....	11,900	–	1.60	–	18,800	–
Combined counties .....	15,360	46,560	2.45	1.95	37,460	90,390
<b>Southeast .....</b>	<b>64,200</b>	<b>52,000</b>	<b>1.85</b>	<b>1.95</b>	<b>118,000</b>	<b>100,300</b>
<b>State total .....</b>	<b>340,000</b>	<b>320,000</b>	<b>2.20</b>	<b>2.20</b>	<b>748,000</b>	<b>704,000</b>

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

## Alfalfa Hay, Prices Received by Farmers by Month – Iowa and United States: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun <sup>1</sup>	Jul	Aug	Sep	Oct	Nov	Dec	Market year average <sup>2</sup>
(dollars per ton)													
<b>Iowa</b>													
2014	195	180	180	175	180	170	150	148	146	144	147	144	141
2015	142	128	132	131	128	125	115	115	117	118	125	120	114
2016	122	107	102	104	96	96	96	93	88	97	103	99	93
2017	94	90	84	89	96	102	110	105	105	106	133	117	117
2018	116	110	127	142	126	119	106	110	114	140	127	145	135
<b>United States</b>													
2014	186	190	193	207	227	224	217	207	197	193	182	180	196
2015	170	167	169	175	187	178	172	161	160	155	147	149	158
2016	141	137	139	154	146	140	138	137	136	135	130	127	136
2017	126	127	134	150	156	154	153	148	149	152	150	149	154
2018	153	155	165	183	189	182	179	177	179	176	173	179	180

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

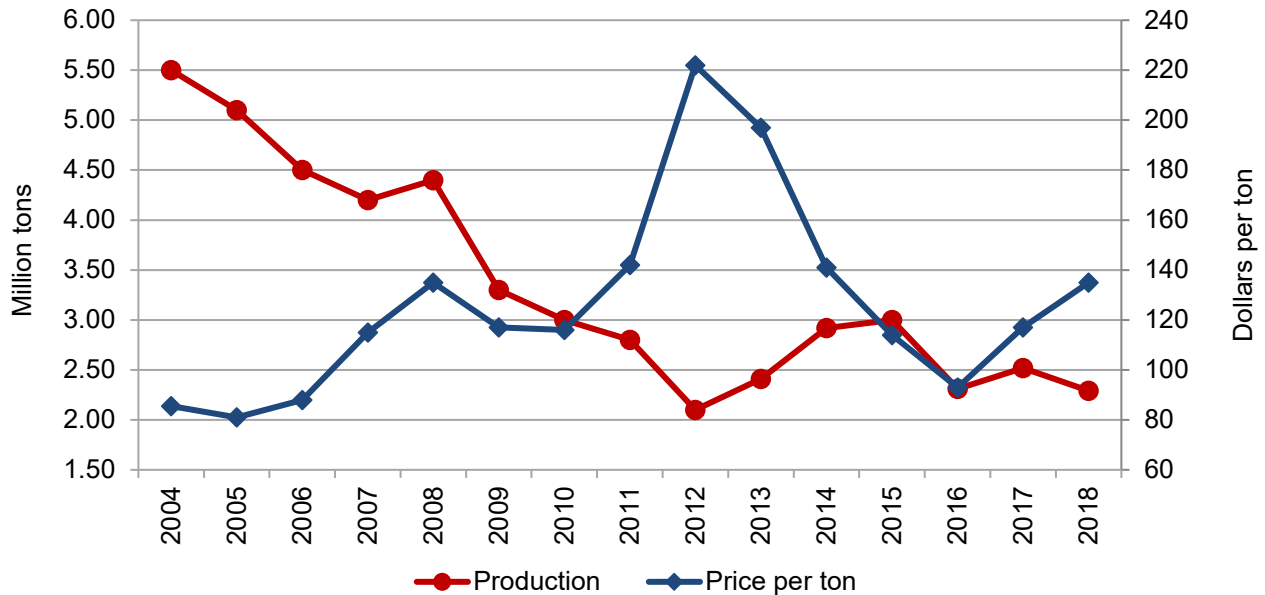
<sup>2</sup> Market year prices are computed by weighting monthly prices by estimated monthly marketings.

## Hay Prices Received – Iowa by District: Market Year Average 2013-2017

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

	Northwest	North Central	Northeast	West Central	Central	East Central	Southwest	South Central	Southeast
(dollars per bushel)									
2013-2014	196	216	224	181	190	195	152	135	153
2014-2015	150	175	165	127	147	149	119	96	122
2015-2016	127	146	137	106	125	125	99	80	102
2016-2017	105	122	98	93	109	95	78	75	96
2017-2018	130	142	128	104	126	124	91	82	107

## Alfalfa Hay Production and Market Year Average Prices Iowa: 2004-2018



## Fertilizer Tonnage Distribution – Iowa: July 2017-June 2018

[Totals may not add due to rounding.]

Fertilizer	July-December 2017	January-June 2018	Total
	(tons)	(tons)	(tons)
<b>MOST POPULAR STRAIGHT MATERIALS</b>			
Anhydrous ammonia.....	476,461	322,794	799,255
Ammonium nitrate.....	171	4,262	4,433
Ammonium sulfate.....	25,161	31,130	56,291
Ammonium thiosulfate.....	6,186	27,137	33,323
Urea.....	33,576	147,913	181,489
Nitrogen solution 28%.....	44,510	82,566	127,076
Nitrogen solution 32%.....	298,872	605,397	904,269
Ammonium phosphates			
8-24-0-0 liquid.....	156	2,362	2,518
10-34-0-0 liquid.....	10,315	14,844	25,159
11-52-0-0 dry.....	308,886	161,671	470,557
18-46-0-0 dry.....	97,701	61,053	158,754
Triple superphosphate.....	9,385	504	9,889
Muriate of potash.....	640,837	303,844	944,681
Other straight materials.....	197,178	238,844	436,022
<b>Total straight materials.....</b>	<b>2,149,395</b>	<b>2,004,323</b>	<b>4,153,718</b>
<b>MOST POPULAR MIXED GRADES</b>			
2-6-35.....	1,847	1,083	2,930
3-10-30.....	30,679	13,630	44,309
3-18-18.....	589	1,806	2,395
4-10-10.....	1,121	1,630	2,751
6-24-6.....	2,397	15,539	17,936
7-18-6.....	247	1,402	1,649
7-21-7.....	0	311	311
8-19-3.....	69	2,613	2,682
9-18-9.....	560	2,407	2,967
9-23-30.....	162	144	306
13-13-13.....	363	593	956
Other mixed materials.....	122,043	131,170	253,213
<b>Total mixed grades.....</b>	<b>160,076</b>	<b>172,327</b>	<b>332,403</b>
<b>Grand total.....</b>	<b>2,309,471</b>	<b>2,176,650</b>	<b>4,486,121</b>
<b>Total micronutrients<sup>1</sup>.....</b>	<b>256,851</b>	<b>180,041</b>	<b>436,892</b>

<sup>1</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 U.S
<b>Livestock on Hand</b>												
All cattle and calves – January 1, 2019	TX	NE	KS	OK	CA	MO	SD	<b>IA</b>	WI	CO	8	4
Beef cows that have calved – January 1, 2019	TX	OK	MO	NE	SD	KS	MT	KY	ND	<b>IA</b>	10	3
Milk cows that have calved – January 1, 2019	CA	WI	NY	ID	TX	PA	MN	MI	NM	WA	12	2
Cattle & calves on feed – January 1, 2019	(Tied) NE & TX		KS	<b>IA</b>	CO	CA	SD	MN	OK	AZ	4	9
All hogs – December 1, 2018	<b>IA</b>	NC	MN	IL	IN	MO	NE	OH	OK	KS	1	31
All sheep and lambs – January 1, 2019	TX	CA	CO	WY	UT	SD	ID	MT	OR	<b>IA</b>	10	3
All layers – December 1, 2018	<b>IA</b>	IN	OH	PA	TX	GA	MI	CA	AR	NC	1	15
<b>Livestock Production by Pounds Produced</b>												
Commercial red meat production – 2018	NE	<b>IA</b>	KS	TX	IL	MN	NC	CO	MO	IN	2	14
Milk production – 2018	CA	WI	ID	NY	TX	MI	PA	MN	NM	WA	12	2
Wool production – 2018	(Tied) CA & WY		UT	CO	TX	SD	MT	ID	OR	<b>IA</b>	10	3
<b>Livestock Numbers Produced, Raised, or Marketed</b>												
Calf crop – 2018	TX	OK	MO	SD	CA	NE	KS	MT	WI	<b>IA</b>	10	3
Calf marketings – 2018	MO	SD	FL	KY	WI	OK	TN	CA	NY	TX	24	1
Cattle marketings – 2018	NE	TX	KS	<b>IA</b>	CO	OK	CA	SD	MN	MT	4	5
Hog marketings – 2018	<b>IA</b>	MN	NC	IL	MO	IN	OK	NE	SD	OH	1	31
Pig crop – 2018	<b>IA</b>	NC	MN	IL	MO	OK	NE	SD	IN	OH	1	19
Lamb crop – 2018	TX	WY	(Tied) CA & UT		SD	CO	MT	ID	OR	<b>IA</b>	10	3
Egg production – 2018	<b>IA</b>	IN	OH	PA	TX	GA	MI	CA	NC	AR	1	15
Turkeys raised – 2018	MN	NC	AR	IN	MO	VA	<b>IA</b>	CA	PA	OH	7	5

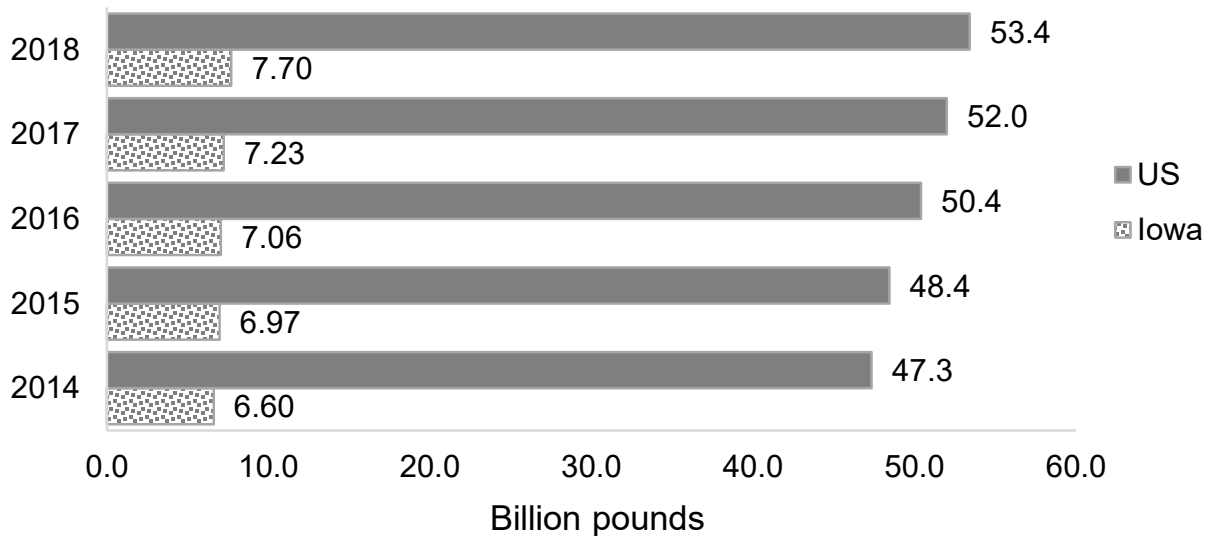
## Livestock, Record Highs and Lows – Iowa

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	2010	1924
Beef cows January 1	1,000 head	1,928	1976	321	1929	1920
Milk cows January 1	1,000 head	1,610	1934	187	2005	1867
Grain fed cattle marketed	1,000 head	4,584	1970	1,498	1998	1949
Cattle on feed January 1	1,000 head	2,213	1970	880	1992	1965
<b>HOGS</b>						
Inventory December 1	1,000 head	23,500	2018	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	12,768	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	153	2019	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	59,889	2014	5,846	1986	1964
Egg production total for year <sup>2</sup>	million eggs	16,449	2014	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: 2014-2018



**Cattle and Calves, Number by Class – Iowa by County: January 1, 2018-2019 <sup>1</sup>**

County by district	All cattle and calves		Beef cows that have calved		Milk cows that have calved	
	2018 (head)	2019 (head)	2018 (head)	2019 (head)	2018 (head)	2019 (head)
<b>Northwest</b>						
Buena Vista .....	25,000	25,000	—	—	—	—
Cherokee .....	66,000	66,000	—	—	—	—
Clay .....	29,500	29,500	5,200	5,200	—	—
Dickinson .....	21,500	21,500	—	—	—	—
Emmet .....	16,000	15,800	5,800	5,800	—	—
Lyon .....	195,000	190,000	13,800	13,800	10,300	10,300
O'Brien .....	68,000	67,000	7,100	7,100	8,600	8,600
Osceola .....	47,500	47,000	4,100	4,100	5,600	5,600
Palo Alto .....	24,500	24,500	2,700	2,700	200	200
Plymouth .....	115,000	110,000	—	—	—	—
Pocahontas .....	16,000	15,800	1,800	1,800	2,100	2,100
Sioux .....	425,000	420,000	15,600	15,600	35,500	35,500
<b>North Central</b>						
Butler .....	24,500	24,500	7,700	7,700	1,600	1,600
Cerro Gordo .....	9,700	9,600	—	—	—	—
Floyd .....	26,000	25,500	4,200	4,200	1,600	1,600
Franklin .....	10,400	10,200	—	—	—	—
Hancock .....	9,600	9,400	2,700	2,700	200	200
Humboldt .....	11,400	11,300	—	—	—	—
Kossuth .....	26,000	26,000	—	—	—	—
Mitchell .....	56,000	56,000	5,300	5,300	3,800	3,800
Winnebago .....	7,900	7,800	1,400	1,400	—	—
Worth .....	7,900	7,800	2,600	2,600	200	200
Wright .....	6,700	6,600	2,400	2,400	—	—
<b>Northeast</b>						
Allamakee .....	69,000	68,000	19,500	19,500	13,100	13,100
Black Hawk .....	17,000	16,800	3,800	3,800	900	900
Bremer .....	25,000	25,000	4,300	4,300	2,700	2,700
Buchanan .....	22,500	22,500	4,800	4,800	2,200	2,200
Chickasaw .....	35,000	34,500	6,100	6,100	2,200	2,200
Clayton .....	73,000	73,000	19,100	19,100	11,700	11,700
Delaware .....	125,000	120,000	13,500	13,500	8,800	8,800
Dubuque .....	135,000	130,000	14,800	14,800	22,000	22,000
Fayette .....	49,000	48,500	9,700	9,700	6,000	6,000
Howard .....	33,500	33,000	5,000	5,000	3,200	3,200
Winneshiek .....	95,000	94,000	12,700	12,700	16,500	16,500
<b>West Central</b>						
Audubon .....	30,000	29,500	7,100	7,100	—	—
Calhoun .....	19,500	19,400	5,800	5,800	—	—
Carroll .....	60,000	60,000	10,800	10,800	—	—
Crawford .....	54,000	54,000	18,900	18,900	—	—
Greene .....	19,500	19,400	4,900	4,900	—	—
Guthrie .....	32,000	31,500	—	—	—	—
Harrison .....	26,500	26,500	10,300	10,300	—	—
Ida .....	50,000	49,500	8,100	8,100	1,400	1,400
Monona .....	26,000	26,000	7,200	7,200	—	—
Sac .....	42,000	41,500	9,100	9,100	400	400
Shelby .....	40,000	39,500	—	—	—	—
Woodbury .....	77,000	77,000	—	—	—	—
<b>Central</b>						
Boone .....	14,600	14,400	4,100	4,100	—	—
Dallas .....	22,500	22,000	—	—	—	—
Grundy .....	28,000	28,000	4,100	4,100	600	600
Hamilton .....	2,600	2,600	1,500	1,500	200	200
Hardin .....	37,500	37,000	9,200	9,200	100	100
Jasper .....	25,500	25,500	9,100	9,100	400	400
Marshall .....	32,000	32,000	—	—	—	—
Polk .....	8,700	8,600	3,000	3,000	—	—
Poweshiek .....	33,500	33,000	—	—	—	—
Story .....	16,800	16,600	—	—	—	—
Tama .....	42,000	41,000	15,800	15,800	600	600
Webster .....	11,400	11,300	—	—	—	—

See footnote(s) at end of table.

—continued

## Cattle and Calves, Number by Class – Iowa by County: January 1, 2018-2019 <sup>1</sup> (continued)

County by district	All cattle and calves		Beef cows that have calved		Milk cows that have calved	
	2018	2019	2018	2019	2018	2019
	(head)	(head)	(head)	(head)	(head)	(head)
<b>East Central</b>						
Benton .....	36,500	36,500	12,000	12,000	4,400	4,400
Cedar .....	24,000	24,000	8,500	8,500	200	200
Clinton .....	70,000	70,000	15,900	15,900	3,600	3,600
Iowa .....	39,500	39,000	13,900	13,900	200	200
Jackson .....	99,000	98,000	24,500	24,500	4,500	4,500
Johnson .....	29,000	29,000	11,400	11,400	1,800	1,800
Jones .....	68,000	67,000	16,500	16,500	1,500	1,500
Linn .....	31,000	31,000	12,900	12,900	1,200	1,200
Muscatine .....	15,000	14,800	5,800	5,800	100	100
Scott .....	20,500	20,500	4,400	4,400	500	500
<b>Southwest</b>						
Adair .....	48,000	47,500	-	-	-	-
Adams .....	29,000	28,500	13,200	13,200	-	-
Cass .....	42,000	41,500	-	-	-	-
Fremont .....	13,600	13,400	3,700	3,700	-	-
Mills .....	3,600	3,600	-	-	-	-
Montgomery .....	23,500	23,500	-	-	-	-
Page .....	31,000	31,000	12,200	12,200	-	-
Pottawattamie .....	74,000	73,000	-	-	-	-
Taylor .....	34,500	34,000	-	-	-	-
<b>South Central</b>						
Appanoose .....	30,000	29,500	15,700	15,700	200	200
Clarke .....	35,500	35,500	17,000	17,000	-	-
Decatur .....	46,000	45,500	-	-	-	-
Lucas .....	33,000	32,500	18,200	18,200	-	-
Madison .....	29,000	28,500	15,900	15,900	-	-
Marion .....	27,500	27,000	11,500	11,500	400	400
Monroe .....	33,000	32,500	-	-	-	-
Ringgold .....	52,000	52,000	27,000	27,000	-	-
Union .....	41,000	40,500	19,600	19,600	-	-
Warren .....	20,000	19,900	12,000	12,000	-	-
Wayne .....	31,000	30,500	14,700	14,700	300	300
<b>Southeast</b>						
Davis .....	30,500	30,000	15,200	15,200	2,100	2,100
Des Moines .....	7,600	7,500	-	-	-	-
Henry .....	17,400	17,200	-	-	-	-
Jefferson .....	13,300	13,200	5,000	5,000	200	200
Keokuk .....	30,000	29,500	13,300	13,300	-	-
Lee .....	20,000	19,900	8,700	8,700	600	600
Louisa .....	5,700	5,600	-	-	-	-
Mahaska .....	32,000	31,500	9,400	9,400	200	200
Van Buren .....	22,000	22,000	11,900	11,900	700	700
Wapello .....	15,600	15,500	-	-	-	-
Washington .....	20,500	20,500	10,000	10,000	900	900
<b>Combined counties...</b>	(X)	(X)	245,300	245,300	33,700	33,700
<b>Iowa .....</b>	4,000,000	3,950,000	950,000	950,000	220,000	220,000

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

(X) Not applicable.

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



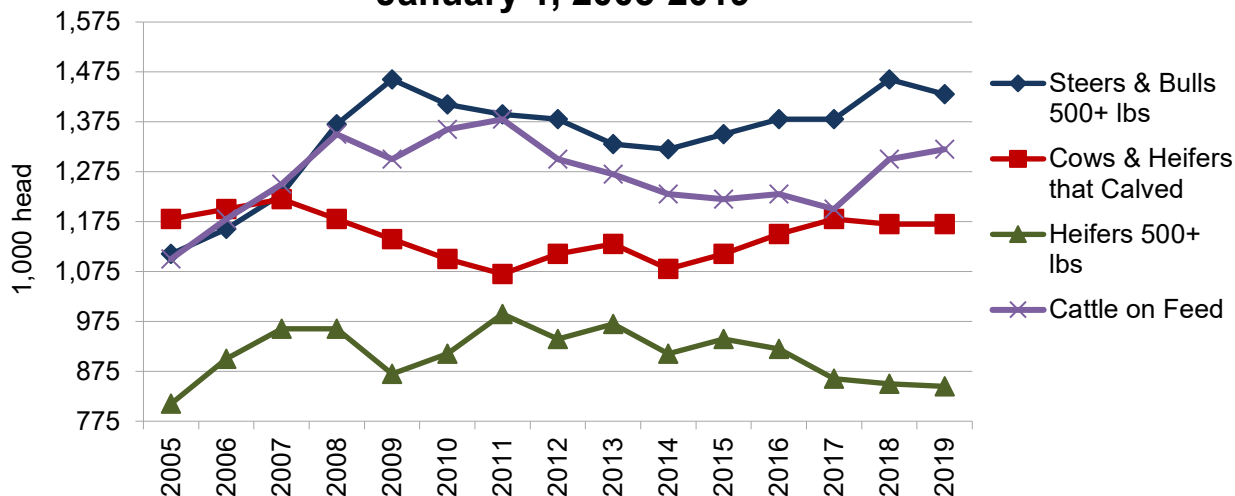
### Cattle and Calves Inventory – Iowa and United States: January 1, 2015-2019

Year	All cattle and calves inventory	Cattle on feed	Cows and heifers that have calved		Calf crop previous year	Heifers 500 lbs. and over			Steers 500 lbs. and over	Bulls 500 lbs. and over	All calves less than 500 lbs.
			Milk	Beef		Milk replacement	Beef replacement	Other			
(1,000 head)											
<b>Iowa</b>											
2015	3,850	1,220	210	900	1,040	130	180	630	1,290	60	450
2016	3,950	1,230	210	940	1,060	120	190	610	1,320	60	500
2017	3,900	1,200	215	965	1,090	135	185	540	1,310	70	480
2018	4,000	1,300	220	950	1,090	135	165	550	1,390	70	520
2019	3,950	1,320	220	950	1,110	125	160	560	1,360	70	505
<b>United States</b>											
2015	89,173	13,025	9,312	29,332	33,522	4,710	6,086	8,469	15,630	2,109	13,524
2016	91,888	13,157	9,312	30,164	34,087	4,814	6,335	8,753	16,305	2,137	14,067
2017	93,625	13,108	9,369	31,171	35,063	4,754	6,363	8,995	16,374	2,244	14,356
2018	94,298	14,146	9,432	31,466	35,758	4,768	6,108	9,341	16,528	2,252	14,401
2019	94,760	14,371	9,353	31,766	36,403	4,702	5,925	9,604	16,633	2,263	14,515

### All Cattle and Calves Value – Iowa and United States: January 1, 2015-2019

Year	Iowa		United States	
	Dollars per head	Total value (billion dollars)	Dollars per head	Total value (billion dollars)
2015	1,530	5.89	1,584	141.3
2016	1,390	5.49	1,410	129.6
2017	1,160	4.52	1,109	103.8
2018	1,200	4.80	1,146	108.1
2019	1,140	4.50	1,029	97.5

### Cattle and Calves Inventory – Iowa January 1, 2005-2019



## Cattle and Calves Inventory, Supply, and Disposition – Iowa and United States: 2014-2018

Year	Inventory January 1	Calf crop	Inshipments	Marketings		Farm slaughter	Cattle and calf deaths
				Cattle	Calves		
----- (1,000 head) -----							
<b>Iowa</b>							
2014	3,750	1,040	1,535	2,196	102	3	175
2015	3,850	1,060	1,460	2,139	105	2	175
2016	3,950	1,090	1,360	2,217	102	2	180
2017	3,900	1,090	1,695	2,397	102	2	185
2018	4,000	1,110	1,590	2,472	101	2	175
<b>United States</b>							
2014	88,243	33,522	20,443	41,243	7,819	124	3,850
2015	89,173	34,087	20,508	40,487	7,397	116	3,880
2016	91,888	35,063	20,084	41,756	7,656	123	3,875
2017	93,625	35,758	20,380	43,644	7,777	116	3,928
2018	94,298	36,402	20,882	45,121	7,599	119	3,985

## Cattle and Calves Production and Income – Iowa and United States: 2014-2018

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>						
2014	1,930,454	2,997,989	2,863,921	4,616,744	17,301	4,634,045
2015	1,957,995	2,966,077	2,910,114	4,416,471	21,709	4,438,180
2016	2,125,768	3,136,490	2,537,193	3,774,199	20,638	3,794,837
2017	2,099,393	3,365,475	2,568,095	4,091,809	23,186	4,114,995
2018	2,188,064	3,464,750	2,565,893	4,074,878	14,683	4,089,561
<b>United States</b>						
2014	40,268,012	52,397,111	60,141,507	81,076,720	610,833	81,687,553
2015	41,503,073	52,324,679	60,080,918	78,252,807	588,216	78,841,023
2016	42,694,001	54,101,811	48,572,501	63,691,327	472,478	64,163,805
2017	44,197,461	56,584,395	50,398,374	66,936,726	455,988	67,392,714
2018	46,318,583	58,933,976	49,844,530	67,105,197	431,231	67,536,428

## Cattle and Calves, Market Year Average Price Received – United States: 2014-2018

Market year	Steers and heifers	Cattle 500+ lbs	Calves	Cows
	----- (dollars per cwt) -----			
2014	153.00	152.00	261.00	107.00
2015	148.00	147.00	247.00	103.00
2016	121.00	119.00	158.00	74.30
2017	122.00	120.00	168.00	69.10
2018	117.00	115.00	170.00	62.60

## Estimated Returns to Finishing Steer Calves – Iowa <sup>1</sup>

Purchased month Sale month	Production period			
	Mar 18 Nov 18	Apr 18 Dec 18	May 18 Jan 19	Jun 18 Feb 19
<b>560 lb Steer Calf</b>				
Purchase price..... \$ per cwt	183.44	176.02	173.34	172.47
Purchase cost..... \$ per head	1,027.25	985.70	970.70	965.85
<b>Costs of Producing 1,300 lb Finished Steer</b>				
Feed costs				
Corn..... \$ per head	172.91	172.94	173.65	174.54
Modified distiller grain..... \$ per head	105.96	104.98	105.20	104.37
Hay..... \$ per head	94.71	95.08	96.05	96.97
Supplement & mineral..... \$ per head	19.73	19.76	19.89	20.48
Total..... \$ per head	393.32	392.77	394.79	396.36
Nonfeed costs				
Variable costs..... \$ per head	99.80	99.54	99.39	99.43
Operating interest..... \$ per head	46.38	46.48	45.95	45.79
Fixed costs..... \$ per head	52.08	52.08	52.08	52.08
Total..... \$ per head	198.25	198.10	197.41	197.30
<b>Returns to Marketing 1,300 lb Finished Steer</b>				
Total Costs..... \$ per head	1,618.82	1,576.56	1,562.91	1,559.50
Breakeven price..... \$ per live cwt	124.52	121.27	120.22	119.96
Selling price..... \$ per live cwt	113.24	117.83	123.17	125.23
Sales value..... \$ per head	1,472.12	1,531.79	1,601.21	1,627.99
Less death loss..... \$ per head	20.53	21.43	22.46	22.86
Profit (loss)..... \$ per head	(167.23)	(66.20)	15.84	45.63
Manure credit..... \$ per head	9.20	10.93	10.77	10.36
Total profit (loss)..... \$ per head	(158.03)	(55.27)	26.61	55.99

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

## Estimated Returns to Finishing Yearling Steers – Iowa <sup>1</sup>

Purchased month Sale month	Production period			
	Jun 18 Nov 18	Jul 18 Dec 18	Aug 18 Jan 19	Sep 18 Feb 19
<b>750 lb Feeder Steer</b>				
Purchase price..... \$ per cwt	149.12	157.26	157.65	158.88
Purchase cost..... \$ per head	1,118.40	1,179.49	1,182.37	1,191.62
<b>Costs of Producing 1,300 lb Finished Steer</b>				
Feed costs				
Corn..... \$ per head	135.62	136.36	138.38	140.42
Modified distiller grain..... \$ per head	69.36	68.31	71.62	73.25
Hay..... \$ per head	46.48	47.13	48.40	48.92
Supplement & mineral..... \$ per head	12.55	12.53	12.58	13.16
Total..... \$ per head	264.01	264.32	270.99	275.75
Nonfeed costs				
Variable costs..... \$ per head	69.12	68.76	68.46	68.54
Operating interest..... \$ per head	30.79	33.33	33.48	33.77
Fixed costs..... \$ per head	33.22	33.22	33.22	33.22
Total..... \$ per head	133.13	135.30	135.16	135.53
<b>Returns to Marketing 1,300 lb Finished Steer</b>				
Total costs..... \$ per head	1,515.54	1,579.11	1,588.52	1,602.89
Breakeven price..... \$ per live cwt	116.58	121.47	122.19	123.30
Selling price..... \$ per live cwt	113.24	117.83	123.17	125.23
Sales value..... \$ per head	1,472.12	1,531.79	1,601.21	1,627.99
Less death loss..... \$ per head	14.01	14.60	15.28	15.54
Profit (loss)..... \$ per head	(57.43)	(61.92)	(2.59)	9.56
Manure credit..... \$ per head	5.85	6.95	6.85	6.59
Total profit (loss)..... \$ per head	(51.58)	(54.97)	4.26	16.15

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

### Commercial Cattle Slaughter, Number of Head by Month – United States: 2009-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
----- (1,000 head) -----													
2009	2,718	2,529	2,730	2,773	2,849	2,982	2,922	2,782	2,815	2,886	2,601	2,754	33,338
2010	2,705	2,547	2,912	2,846	2,784	3,050	2,899	2,955	2,897	2,862	2,876	2,916	34,249
2011	2,734	2,621	2,959	2,719	2,819	3,102	2,765	3,097	2,876	2,857	2,785	2,753	34,087
2012	2,715	2,558	2,753	2,570	2,876	2,864	2,793	2,998	2,543	2,955	2,785	2,543	32,951
2013	2,836	2,358	2,587	2,731	2,863	2,731	2,895	2,817	2,609	2,904	2,569	2,562	32,462
2014	2,679	2,244	2,449	2,595	2,636	2,606	2,602	2,500	2,531	2,640	2,247	2,439	30,168
2015	2,418	2,170	2,381	2,383	2,379	2,466	2,493	2,323	2,475	2,514	2,296	2,452	28,752
2016	2,359	2,291	2,534	2,409	2,515	2,706	2,475	2,751	2,619	2,638	2,669	2,612	30,578
2017	2,577	2,369	2,768	2,463	2,754	2,859	2,612	2,944	2,699	2,801	2,763	2,580	32,189
2018	2,758	2,418	2,702	2,640	2,907	2,879	2,766	2,978	2,617	2,960	2,801	2,580	33,005

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

### Commercial Cattle Slaughter, Total Live Weight by Month – United States: 2009-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
----- (million pounds) -----													
2009	3,537	3,301	3,549	3,526	3,589	3,773	3,733	3,587	3,677	3,773	3,364	3,558	42,966
2010	3,478	3,260	3,692	3,553	3,468	3,834	3,679	3,762	3,722	3,701	3,724	3,789	43,662
2011	3,543	3,359	3,761	3,405	3,521	3,901	3,504	3,921	3,664	3,671	3,590	3,562	43,402
2012	3,522	3,336	3,570	3,286	3,674	3,689	3,611	3,890	3,327	3,886	3,670	3,358	42,818
2013	3,757	3,106	3,388	3,531	3,682	3,544	3,762	3,682	3,419	3,846	3,432	3,409	42,559
2014	3,567	2,979	3,221	3,382	3,417	3,399	3,427	3,315	3,393	3,570	3,055	3,318	40,043
2015	3,276	2,934	3,201	3,182	3,164	3,279	3,349	3,159	3,413	3,487	3,190	3,395	39,030
2016	3,251	3,135	3,464	3,240	3,346	3,604	3,321	3,711	3,582	3,635	3,687	3,600	41,576
2017	3,523	3,216	3,729	3,256	3,591	3,770	3,475	3,951	3,660	3,804	3,787	3,552	43,315
2018	3,788	3,299	3,661	3,513	3,817	3,795	3,672	3,993	3,548	4,024	3,829	3,521	44,460

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

### Commercial Cattle Slaughter, Average Live Weight by Month – United States: 2009-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Average
----- (pounds) -----													
2009	1,306	1,310	1,305	1,276	1,264	1,269	1,282	1,293	1,310	1,312	1,298	1,296	1,293
2010	1,290	1,285	1,273	1,253	1,250	1,261	1,273	1,277	1,289	1,298	1,299	1,305	1,279
2011	1,301	1,286	1,276	1,257	1,253	1,262	1,272	1,270	1,278	1,289	1,293	1,297	1,277
2012	1,300	1,307	1,299	1,281	1,280	1,290	1,295	1,300	1,311	1,318	1,321	1,324	1,302
2013	1,328	1,320	1,313	1,296	1,289	1,300	1,302	1,310	1,313	1,327	1,339	1,334	1,314
2014	1,334	1,330	1,318	1,306	1,299	1,307	1,320	1,329	1,344	1,355	1,363	1,363	1,330
2015	1,358	1,355	1,347	1,338	1,332	1,332	1,346	1,363	1,382	1,390	1,392	1,388	1,360
2016	1,381	1,372	1,370	1,348	1,333	1,334	1,345	1,352	1,370	1,381	1,384	1,381	1,363
2017	1,370	1,361	1,350	1,325	1,307	1,321	1,333	1,345	1,359	1,361	1,374	1,380	1,349
2018	1,377	1,368	1,358	1,334	1,316	1,321	1,330	1,344	1,359	1,363	1,370	1,368	1,350

## Number of Feedlots and Fed Cattle Marketed, by Size of Feedlot Capacity – Iowa and United States: 2016-2018

Feedlot capacity	2016		2017		2018	
	Lots <sup>1</sup>	Cattle marketed	Lots <sup>1</sup>	Cattle marketed	Lots <sup>1</sup>	Cattle marketed
<b>Iowa</b> <sup>2</sup>	(number)	(1,000 head)	(number)	(1,000 head)	(number)	(1,000 head)
Less than 1,000 head	(NA)	731	(NA)	745	(NA)	710
1,000 head or more	(NA)	1,015	(NA)	1,094	(NA)	1,103
<b>All Feedlots</b>	(NA)	1,746	(NA)	1,839	(NA)	1,813
<b>United States</b>						
Less than 1,000 head	27,000	3,100	26,000	3,230	26,000	3,315
1,000 head or more	2,219	20,873	2,179	21,899	2,160	22,310
1,000 – 31,999	2,091	9,613	2,051	10,030	2,031	10,020
32,000 and over	128	11,260	128	11,860	129	12,290
<b>All Feedlots</b>	29,219	23,973	28,179	25,129	28,160	25,625

(NA) Not available.

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

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

## Number of Cattle on Feed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2014-2018

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) -----											
2014	610	610	620	595	590	560	530	480	470	470	500	530
2015	580	615	635	635	620	610	565	540	515	510	505	555
2016	610	620	640	640	610	580	560	540	510	490	530	550
2017	600	620	640	650	630	590	550	510	490	485	530	560
2018	600	630	640	630	630	600	570	540	520	520	540	580

## Number of Cattle Placed on Feed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2014-2018

Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	----- (1,000 head) -----											
2014	95	65	45	50	62	42	40	39	57	93	95	110
2015	100	95	62	60	55	44	49	26	69	59	82	118
2016	100	90	74	54	38	35	56	25	36	72	97	88
2017	99	81	64	70	41	35	36	40	41	70	116	101
2018	90	87	53	46	52	27	51	52	55	52	75	100

<sup>1</sup> Previous year.

## Number of Cattle Marketed on Less than 1,000 Capacity Feedlots by Month – Iowa: 2014-2018

Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
	----- (1,000 head) -----											
2014	80	61	33	72	65	68	68	86	63	90	61	75
2015	45	56	40	57	66	49	90	49	92	62	85	66
2016	40	75	52	56	65	60	74	42	64	85	55	56
2017	47	52	42	56	57	69	74	77	60	73	70	69
2018	46	54	41	54	50	55	79	80	73	50	53	58

<sup>1</sup> Previous year.

## Number of Cattle on Feed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2014-2018

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>												
2014	620	660	670	670	660	640	620	600	580	560	590	620
2015	640	650	660	670	660	650	640	630	620	600	640	630
2016	620	620	630	640	640	630	610	600	580	570	600	600
2017	600	640	650	670	680	680	670	650	640	650	690	700
2018	700	720	730	740	730	720	710	700	680	690	700	700
<b>United States</b>												
2014	10,523	10,678	10,716	10,792	10,554	10,497	10,043	9,752	9,719	9,985	10,571	10,816
2015	10,626	10,713	10,688	10,797	10,640	10,571	10,236	10,002	9,986	10,228	10,809	10,800
2016	10,575	10,709	10,770	10,853	10,783	10,804	10,356	10,165	10,135	10,256	10,665	10,652
2017	10,605	10,782	10,772	10,919	10,998	11,096	10,821	10,604	10,504	10,813	11,332	11,516
2018	11,489	11,630	11,715	11,729	11,558	11,553	11,287	11,093	11,125	11,400	11,692	11,739

## Number of Cattle Placed on Feed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2014-2018

Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
(1,000 head)												
<b>Iowa</b>												
2014	96	114	86	71	69	54	54	56	63	99	132	127
2015	101	90	85	90	63	65	67	71	70	85	156	101
2016	90	89	92	94	78	64	54	68	71	79	129	102
2017	104	128	102	116	95	85	72	60	92	106	142	122
2018	100	130	118	107	80	80	77	66	82	89	107	106
<b>United States</b>												
2014	1,654	2,014	1,658	1,801	1,623	1,909	1,468	1,559	1,725	2,014	2,368	1,794
2015	1,537	1,789	1,551	1,809	1,548	1,719	1,481	1,547	1,632	1,941	2,286	1,602
2016	1,527	1,779	1,710	1,892	1,664	1,889	1,525	1,572	1,879	1,895	2,171	1,843
2017	1,785	1,981	1,694	2,117	1,848	2,119	1,770	1,615	1,928	2,150	2,393	2,099
2018	1,799	2,068	1,817	1,921	1,695	2,124	1,798	1,742	2,070	2,051	2,248	1,996

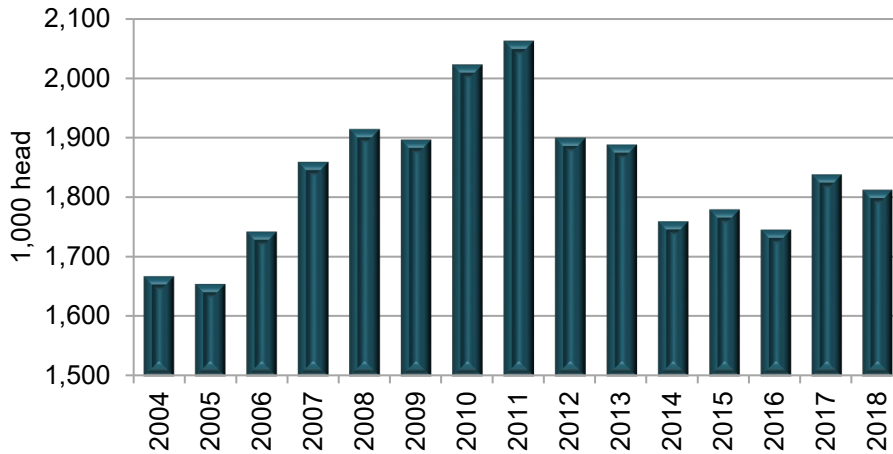
<sup>1</sup> Previous year.

## Number of Cattle Marketed on 1,000+ Capacity Feedlots by Month – Iowa and United States: 2014-2018

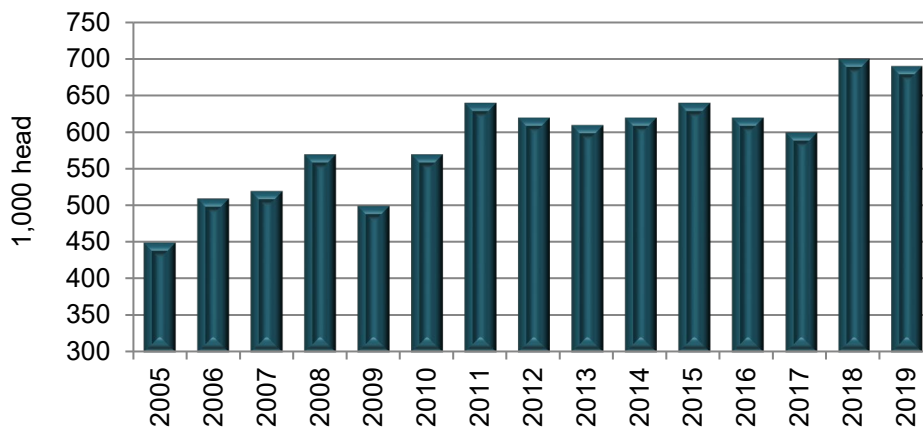
Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
(1,000 head)												
<b>Iowa</b>												
2014	84	71	74	69	76	70	70	74	80	114	100	95
2015	80	78	74	79	72	74	76	80	77	101	113	107
2016	97	86	78	81	75	72	72	76	90	87	96	100
2017	102	86	89	93	82	82	80	79	101	95	99	110
2018	98	107	106	93	87	87	85	74	100	75	93	104
<b>United States</b>												
2014	1,736	1,788	1,549	1,660	1,778	1,865	1,847	1,787	1,692	1,683	1,685	1,475
2015	1,655	1,625	1,516	1,631	1,639	1,711	1,747	1,725	1,588	1,642	1,630	1,532
2016	1,674	1,589	1,591	1,747	1,658	1,794	1,912	1,713	1,868	1,732	1,705	1,787
2017	1,777	1,751	1,648	1,914	1,703	1,951	1,989	1,784	1,979	1,783	1,801	1,844
2018	1,752	1,858	1,675	1,840	1,803	2,056	2,006	1,873	1,983	1,719	1,887	1,869

<sup>1</sup> Previous year.

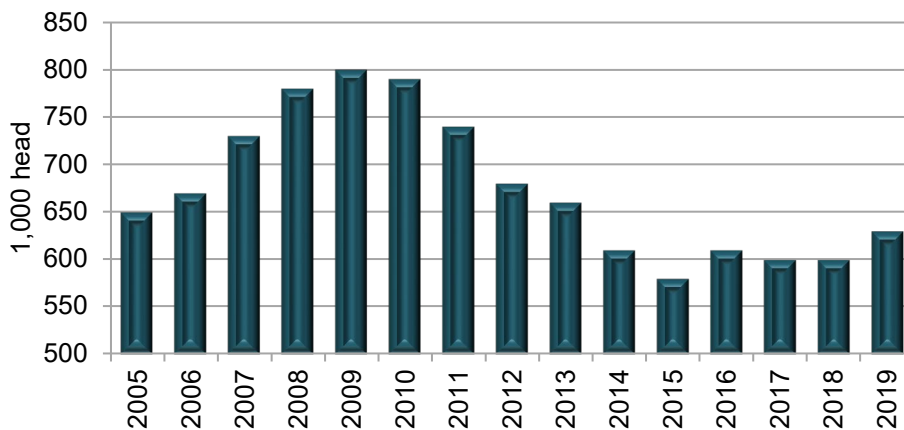
**Cattle Marketed from All Feedlots  
Iowa: 2004-2018**



**Cattle on Feed Inventory, 1,000+ Capacity Feedlots  
Iowa: January 1, 2005-2019**



**Cattle on Feed Inventory, < 1,000 Capacity Feedlots  
Iowa: January 1, 2005-2019**





## Milk Cows on Farms – Iowa and United States: 2014-2018

[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>												
2014	205	205	205	206	207	207	208	208	208	208	208	209
2015	211	211	211	212	212	212	211	211	210	210	210	210
2016	210	211	212	212	213	213	214	214	214	215	215	215
2017	215	216	216	217	217	217	217	219	219	219	219	220
2018	220	220	220	220	220	220	220	220	220	220	220	220
<b>United States</b>												
2014	9,213	9,214	9,226	9,242	9,254	9,268	9,273	9,273	9,278	9,282	9,293	9,306
2015	9,316	9,316	9,317	9,326	9,333	9,329	9,318	9,318	9,318	9,317	9,317	9,315
2016	9,305	9,313	9,322	9,323	9,325	9,330	9,330	9,337	9,341	9,350	9,361	9,370
2017	9,375	9,378	9,391	9,400	9,411	9,413	9,413	9,419	9,416	9,414	9,419	9,425
2018	9,438	9,436	9,430	9,418	9,422	9,414	9,392	9,389	9,368	9,367	9,358	9,353

## Milk Produced per Cow – Iowa and United States: 2014-2018

[Excludes milk sucked by calves.]

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
----- (pounds) -----												
<b>Iowa</b>												
2014	1,905	1,725	1,920	1,880	1,965	1,860	1,885	1,855	1,805	1,875	1,835	1,935
2015	1,995	1,775	1,965	1,940	2,015	1,910	1,915	1,915	1,810	1,900	1,850	1,945
2016	1,985	1,870	2,045	1,990	2,075	1,965	1,985	1,970	1,880	1,955	1,905	1,980
2017	2,010	1,830	2,045	1,995	2,055	1,975	2,005	2,010	1,915	1,995	1,950	2,020
2018	2,035	1,860	2,070	2,010	2,060	1,975	1,995	1,995	1,920	2,025	1,965	2,035
<b>United States</b>												
2014	1,875	1,725	1,933	1,892	1,956	1,870	1,880	1,857	1,780	1,839	1,781	1,863
2015	1,898	1,736	1,940	1,908	1,975	1,877	1,895	1,866	1,781	1,836	1,789	1,870
2016	1,899	1,815	1,974	1,926	1,996	1,905	1,919	1,895	1,818	1,877	1,831	1,906
2017	1,935	1,781	1,997	1,953	2,014	1,920	1,941	1,915	1,819	1,887	1,833	1,918
2018	1,953	1,799	2,014	1,955	2,030	1,943	1,952	1,943	1,857	1,908	1,854	1,941

## Total Milk Production – Iowa and United States: 2014-2018

[Excludes milk sucked by calves.]

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
----- (million pounds) -----												
<b>Iowa</b>												
2014	391	354	394	387	407	385	392	386	375	390	382	404
2015	421	375	415	411	427	405	404	404	380	399	389	408
2016	417	395	434	422	442	419	425	422	402	420	410	426
2017	432	395	442	433	446	429	435	440	419	437	427	444
2018	448	409	455	442	453	435	439	439	422	446	432	448
<b>United States</b>												
2014	17,276	15,897	17,832	17,484	18,104	17,329	17,434	17,223	16,511	17,066	16,555	17,337
2015	17,682	16,169	18,077	17,795	18,434	17,510	17,659	17,391	16,595	17,106	16,667	17,423
2016	17,671	16,900	18,404	17,956	18,614	17,774	17,903	17,693	16,985	17,554	17,139	17,858
2017	18,140	16,698	18,758	18,357	18,958	18,073	18,270	18,037	17,131	17,765	17,265	18,075
2018	18,437	16,973	18,989	18,412	19,131	18,288	18,329	18,245	17,395	17,873	17,348	18,155

## Milk Production and Disposition – Iowa and United States: 2014-2018

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>					
2014	4,647	13.0	1.00	14.0	4,633
2015	4,838	14.0	1.00	15.0	4,823
2016	5,034	14.0	1.00	15.0	5,019
2017	5,179	15.0	1.00	16.0	5,163
2018	5,268	16.0	1.00	17.0	5,251
<b>United States</b>					
2014	206,048	874	92.0	966	205,083
2015	208,508	880	91.0	971	207,536
2016	212,451	900	94.0	994	211,457
2017	215,527	901	91.0	992	214,535
2018	217,575	929	89.0	1,018	216,556

<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: 2014-2018

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		
<b>Iowa</b>	(dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
2014	24.60	1,139,718	246	1,139,964
2015	17.30	834,379	173	834,552
2016	16.60	833,154	166	833,320
2017	18.10	934,503	181	934,684
2018	16.50	866,415	165	866,580
<b>United States</b>				
2014	24.07	49,351,199	22,699	49,373,898
2015	17.21	35,716,849	16,291	35,733,140
2016	16.34	34,546,316	15,784	34,562,100
2017	17.69	37,940,662	16,594	37,957,256
2018	16.28	35,244,314	14,814	35,259,128

<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: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
----- (1,000 pounds) -----													
<b>Iowa</b>													
2014	25,316	21,485	22,607	24,768	23,607	22,401	24,496	22,146	16,812	21,631	19,369	18,989	263,627
2015	22,934	18,905	18,700	22,042	21,084	18,638	22,619	19,767	17,000	22,572	20,170	20,056	244,487
2016	22,872	19,587	19,782	23,055	21,492	19,233	22,836	20,680	19,054	23,942	21,574	20,105	254,212
2017	23,688	20,307	20,001	23,168	21,629	19,557	23,532	21,354	18,778	22,498	21,045	21,180	256,737
2018	22,446	21,235	24,076	24,042	26,334	25,228	25,371	25,373	23,974	27,694	24,584	26,039	296,396
----- (million pounds) -----													
<b>United States</b>													
2014	962	859	976	967	977	951	965	936	943	988	965	1,022	11,512
2015	994	897	1,013	977	988	976	1,002	979	966	1,018	986	1,035	11,831
2016	1,026	948	1,029	1,003	1,011	998	1,021	1,007	991	1,052	1,029	1,067	12,182
2017	1,061	958	1,070	1,057	1,075	1,044	1,052	1,045	1,027	1,082	1,066	1,103	12,640
2018	1,099	993	1,108	1,078	1,085	1,066	1,087	1,087	1,059	1,154	1,096	1,112	13,025

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

## Dairy Products, Total American-Type Cheese Manufactured by Month – Iowa and United States: 2014-2018

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

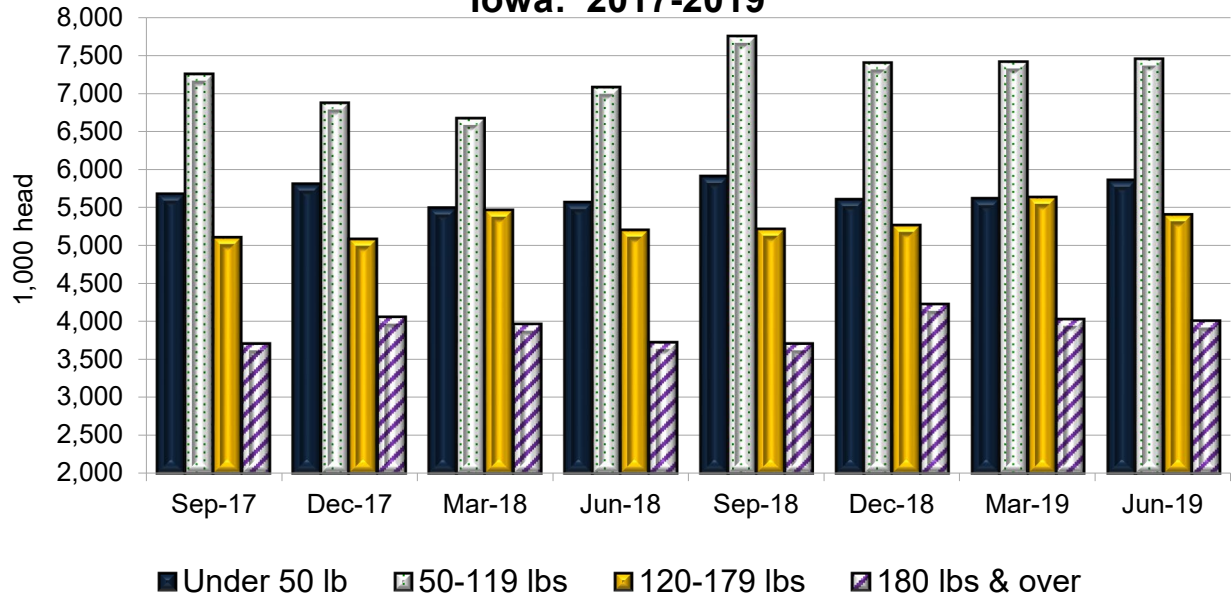
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
----- (1,000 pounds) -----													
<b>Iowa</b>													
2014	18,618	15,245	16,658	17,776	17,086	15,684	16,893	15,028	10,924	14,093	11,633	10,887	180,525
2015	13,128	10,586	11,189	11,465	11,583	10,666	11,753	11,620	11,314	14,570	12,134	11,951	141,959
2016	12,929	12,129	11,876	13,835	13,889	12,448	14,124	13,758	13,258	15,667	14,591	14,327	162,831
2017	16,428	13,075	13,370	13,710	13,207	12,878	11,965	12,963	11,920	12,171	11,390	12,034	155,111
2018	13,331	11,740	12,784	14,555	17,006	16,267	15,880	14,626	14,697	17,391	17,459	16,358	182,094
----- (million pounds) -----													
<b>United States</b>													
2014	388	345	387	385	399	374	385	376	370	393	384	400	4,588
2015	402	357	396	397	408	390	397	395	380	393	380	400	4,694
2016	402	368	402	399	403	392	402	393	379	403	401	423	4,769
2017	435	390	430	435	443	419	415	414	404	430	414	444	5,072
2018	448	406	443	444	443	429	441	435	424	457	434	448	5,254

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

### Hogs and Pigs, Number on Farms – Iowa: December 1, 2009-2018

Year	Breeding	Market	Total
	----- (1,000 head) -----		
2009	1,020	17,880	18,900
2010	1,020	18,080	19,100
2011	1,010	18,990	20,000
2012	1,030	19,570	20,600
2013	970	19,230	20,200
2014	1,010	20,290	21,300
2015	1,030	20,070	21,100
2016	1,030	21,170	22,200
2017	1,000	21,800	22,800
2018	1,020	22,480	23,500

### Market Hogs and Pigs by Weight Groups Iowa: 2017-2019



## Hogs and Pigs, Number on Farms, Market by Weight Groups, Breeding and Total by Quarter – Iowa: 2010-2019

Month and year	Market hogs and pigs				Total		
	Under 50 pounds	50-119 pounds	120-179 pounds	180 pounds and over	Market	Breeding	Total
----- (1,000 head) -----							
<b>March 1</b>							
2010	4,490	5,450	4,500	3,350	17,790	1,010	18,800
2011	4,600	5,580	4,520	3,170	17,870	1,030	18,900
2012	4,880	5,810	4,700	3,300	18,690	1,010	19,700
2013	4,990	5,800	4,900	3,390	19,080	1,020	20,100
2014	4,570	5,780	4,850	3,290	18,490	1,010	19,500
2015	5,030	6,410	4,940	3,390	19,770	1,030	20,800
2016	4,720	6,100	4,850	3,550	19,220	980	20,200
2017	5,300	6,540	5,370	3,590	20,800	1,000	21,800
2018	5,490	6,670	5,460	3,960	21,580	1,020	22,600
2019	5,610	7,410	5,630	4,020	22,670	1,030	23,700
<b>June 1</b>							
2010	4,590	5,710	4,340	3,250	17,890	1,010	18,900
2011	4,920	6,100	4,500	3,150	18,670	1,030	19,700
2012	5,140	6,370	4,630	3,240	19,380	1,020	20,400
2013	4,890	6,090	4,700	3,290	18,970	1,030	20,000
2014	4,890	5,640	4,470	3,100	18,100	1,000	19,100
2015	5,070	6,410	4,820	3,700	20,000	1,000	21,000
2016	5,280	6,400	4,760	3,390	19,830	970	20,800
2017	5,450	6,950	4,950	3,620	20,970	1,030	22,000
2018	5,560	7,080	5,200	3,720	21,560	1,040	22,600
2019	5,850	7,450	5,400	4,000	22,700	1,000	23,700
<b>September 1</b>							
2010	4,860	5,950	4,520	3,260	18,590	1,010	19,600
2011	4,970	6,200	4,610	3,300	19,080	1,020	20,100
2012	5,100	6,330	4,800	3,570	19,800	1,000	20,800
2013	5,300	6,490	4,830	3,280	19,900	1,000	20,900
2014	5,550	6,490	4,410	3,320	19,770	1,030	20,800
2015	5,440	6,750	4,930	3,480	20,600	1,000	21,600
2016	5,690	6,930	5,080	3,620	21,320	980	22,300
2017	5,670	7,250	5,100	3,700	21,720	980	22,700
2018	5,900	7,750	5,210	3,700	22,560	1,040	23,600
<b>December 1</b>							
2010	4,600	5,600	4,330	3,550	18,080	1,020	19,100
2011	5,100	5,750	4,540	3,600	18,990	1,010	20,000
2012	5,120	6,030	4,750	3,670	19,570	1,030	20,600
2013	4,840	5,940	4,850	3,600	19,230	970	20,200
2014	5,310	6,500	4,740	3,740	20,290	1,010	21,300
2015	5,270	6,280	4,780	3,740	20,070	1,030	21,100
2016	5,620	6,550	5,010	3,990	21,170	1,030	22,200
2017	5,800	6,870	5,080	4,050	21,800	1,000	22,800
2018	5,600	7,400	5,260	4,220	22,480	1,020	23,500

**Sows Farrowed, Pigs per Litter, and Pig Crop – Iowa and United States:  
December through May 2009-2018**

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)		(head)		(1,000 head)	
<b>Iowa</b>						
2009	500	495	9.60	9.65	4,800	4,777
2010	460	465	9.75	9.95	4,485	4,627
2011	470	485	9.80	10.30	4,606	4,996
2012	465	495	10.30	10.40	4,790	5,148
2013	465	465	10.35	10.50	4,813	4,883
2014	480	470	9.90	10.60	4,752	4,982
2015	510	495	10.70	10.60	5,457	5,247
2016	500	500	10.70	10.90	5,350	5,450
2017	510	510	10.75	10.95	5,483	5,585
2018	550	560	11.00	11.10	6,050	6,216
<b>United States</b>						
2009	2,985	2,997	9.48	9.61	28,302	28,809
2010	2,846	2,898	9.61	9.81	27,345	28,425
2011	2,807	2,887	9.80	10.03	27,516	28,954
2012	2,813	2,945	9.97	10.09	28,037	29,712
2013	2,788	2,806	10.08	10.31	28,099	28,921
2014	2,763	2,810	9.53	9.78	26,326	27,495
2015	2,895	2,854	10.23	10.37	29,627	29,593
2016	2,929	2,968	10.30	10.48	30,159	31,097
2017	2,990	3,018	10.43	10.55	31,187	31,839
2018	3,034	3,100	10.58	10.63	32,101	32,942

<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 2009-2018**

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)		(head)		(1,000 head)	
<b>Iowa</b>						
2009	475	480	9.75	9.80	4,631	4,704
2010	475	480	9.95	10.05	4,726	4,824
2011	490	490	10.30	10.40	5,047	5,096
2012	495	505	10.45	10.30	5,173	5,202
2013	485	455	10.60	10.60	5,141	4,823
2014	530	510	10.70	10.70	5,671	5,457
2015	510	530	10.80	11.00	5,508	5,830
2016	510	550	11.00	10.90	5,610	5,995
2017	520	550	11.20	11.15	5,824	6,133
2018	580	560	11.20	11.20	6,496	6,272
<b>United States</b>						
2009	2,959	2,915	9.70	9.70	28,717	28,260
2010	2,944	2,881	9.81	9.89	28,870	28,488
2011	2,927	2,919	10.03	10.02	29,355	29,261
2012	2,921	2,888	10.13	10.15	29,587	29,319
2013	2,890	2,780	10.33	10.16	29,862	28,253
2014	2,991	2,984	10.16	10.23	30,402	30,531
2015	3,017	2,932	10.39	10.53	31,343	30,878
2016	3,057	3,041	10.58	10.63	32,331	32,320
2017	3,106	3,103	10.65	10.74	33,075	33,328
2018	3,200	3,174	10.72	10.76	34,320	34,155

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

## Hogs and Pigs, Inventory, Supply and Disposition – Iowa and United States: 2014-2018

Year	Inventory previous December 1	Pig crop Dec–Nov	Inshipments	Marketings	Farm slaughter	Deaths
----- (1,000 head) -----						
<b>Iowa</b>						
2014	20,200	20,862	26,800	43,535	7	3,020
2015	21,300	22,042	28,000	46,976	6	3,260
2016	21,100	22,405	30,500	48,481	4	3,320
2017	22,200	23,025	30,400	49,061	4	3,760
2018	22,800	25,034	34,400	55,059	5	3,870
<b>United States</b>						
2014	64,775	114,754	47,165	149,097	82	9,888
2015	67,626	121,441	50,146	159,725	87	10,382
2016	69,019	125,907	52,955	165,539	84	10,913
2017	71,345	129,428	55,266	171,320	73	11,502
2018	73,145	133,341	60,589	180,513	77	11,935

## Hogs and Pigs, Production and Income – Iowa and United States: 2014-2018

Year	Production	Marketings	Value of production	Cash receipts	Value of home consumption	Gross income
----- (1,000 dollars) -----						
<b>Iowa</b>						
	(1,000 pounds)	(1,000 pounds)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)	(1,000 dollars)
2014	11,518,807	11,929,829	7,994,929	9,174,971	4,308	9,179,279
2015	12,286,764	12,849,050	6,205,083	7,134,043	2,768	7,136,811
2016	12,731,956	13,213,810	5,685,661	6,542,359	1,917	6,544,276
2017	12,790,919	13,343,148	6,158,024	7,100,925	2,058	7,102,983
2018	14,486,636	15,072,284	6,603,223	7,616,470	2,099	7,618,569
<b>United States</b>						
2014	32,126,235	33,034,618	24,183,766	26,489,394	43,550	26,532,944
2015	34,739,292	35,749,465	18,814,459	20,552,958	31,982	20,584,940
2016	35,898,712	36,908,264	17,363,044	19,037,752	28,797	19,066,549
2017	36,962,875	38,057,111	19,159,248	21,038,034	29,273	21,067,307
2018	38,829,022	40,066,465	19,060,203	21,098,058	27,194	21,125,252

## Hogs and Pigs, Market Year Average Price Received – United States: 2014-2018

Market year	All hogs	Barrows & gilts	Sows
----- (dollars per cwt) -----			
2014	76.50	76.50	77.70
2015	55.30	55.70	44.90
2016	49.30	49.60	40.70
2017	53.10	53.50	44.50
2018	50.20	50.50	41.30



## Estimated Returns to Farrow to Wean Pigs – Iowa <sup>1</sup>

Farrowing month Sale month	Production period				
	Jan 19 Feb 19	Feb 19 Mar 19	Mar 19 Apr 19	Apr 19 May 19	
<b>Costs of Producing 12 lb Weaned Pig</b>					
Feed costs					
Corn .....	\$ per head	3.74	3.65	3.66	3.70
Soybean meal .....	\$ per head	1.50	1.46	1.45	1.43
Dried distiller grain .....	\$ per head	1.14	1.11	1.11	1.05
Complete feeds and other ingredients .....	\$ per head	1.41	1.37	1.38	1.40
Feed processing .....	\$ per head	0.55	0.55	0.55	0.55
Total .....	\$ per head	8.34	8.13	8.15	8.12
Nonfeed costs					
Variable costs .....	\$ per head	18.75	18.39	18.37	18.33
Operating interest .....	\$ per head	0.29	0.28	0.28	0.29
Fixed costs .....	\$ per head	6.47	6.27	6.27	6.27
Total .....	\$ per head	25.51	24.93	24.92	24.88
<b>Returns to Marketing 10-12 lb Weaned Pig</b>					
Total costs .....	\$ per head	33.86	33.06	33.07	33.01
Selling price .....	\$ per head	50.83	46.38	56.97	51.80
Profit (loss) .....	\$ per head	16.97	13.32	23.90	18.79
Manure credit .....	\$ per head	0.73	0.74	0.74	0.74
Total profit (loss) .....	\$ per head	17.70	14.05	24.63	19.54

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

## Estimated Returns to Wean to Finish Pigs – Iowa <sup>1</sup>

Purchase month Sale month	Production period				
	Aug 18 Feb 19	Sep 18 Mar 19	Oct 18 Apr 19	Nov 18 May 19	
<b>12 lb Weaned Pig</b>					
Purchase price .....	\$ per head	25.72	34.78	38.55	43.59
<b>Costs of Producing 270 lb Finished Hog</b>					
Feed costs					
Corn .....	\$ per head	28.19	28.37	28.35	28.58
Soybean meal .....	\$ per head	12.34	12.25	12.21	12.14
Dried distiller grain .....	\$ per head	9.00	8.88	8.68	8.48
Complete feeds and other ingredients .....	\$ per head	12.90	12.87	12.81	12.80
Feed processing .....	\$ per head	4.04	4.04	4.04	4.04
Total .....	\$ per head	66.47	66.41	66.08	66.04
Nonfeed costs					
Variable costs .....	\$ per head	17.45	17.51	17.55	17.56
Operating interest .....	\$ per head	1.76	2.00	2.14	2.27
Fixed costs .....	\$ per head	11.79	11.79	11.79	11.79
Total .....	\$ per head	31.00	31.29	31.48	31.62
<b>Returns to Marketing 270 lb Finished Hog</b>					
Total costs .....	\$ per head	123.20	132.49	136.11	141.26
Breakeven price .....	\$ per live cwt	45.63	49.07	50.41	52.32
Breakeven price .....	\$ per carcass cwt	60.84	65.43	67.22	69.76
Selling price .....	\$ per live cwt	41.96	49.64	61.37	62.39
Selling price .....	\$ per carcass cwt	55.94	66.19	81.82	83.19
Sales value .....	\$ per head	113.28	134.03	165.69	168.45
Less death loss .....	\$ per head	4.70	5.94	7.85	8.02
Profit (loss) .....	\$ per head	-14.61	-4.40	21.73	19.17
Manure credit .....	\$ per head	2.91	3.09	3.08	3.15
Total profit (loss) .....	\$ per head	-11.70	-1.31	24.81	22.32

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

## Commercial Hog Slaughter, Number of Head by Month – Iowa and United States: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
(1,000 head)													
<b>Iowa</b>													
2014	2,633	2,356	2,283	2,386	2,290	2,176	2,249	2,211	2,327	2,707	2,394	2,633	28,645
2015	2,637	2,469	2,646	2,604	2,352	2,542	2,527	2,497	2,637	2,769	2,649	2,774	31,102
2016	2,663	2,579	2,744	2,588	2,445	2,593	2,327	2,850	2,781	2,961	2,882	2,829	32,240
2017	2,694	2,540	2,920	2,568	2,677	2,658	2,423	2,863	2,818	2,966	2,912	2,878	32,917
2018	2,936	2,651	2,969	2,832	2,912	2,636	2,642	3,161	2,772	3,310	3,210	3,003	35,034
<b>United States</b>													
2014	9,790	8,668	8,674	8,858	8,618	8,098	8,460	8,269	8,829	9,951	8,810	9,850	106,876
2015	9,759	9,077	9,888	9,677	8,746	9,427	9,402	9,347	9,728	10,248	9,766	10,361	115,425
2016	9,744	9,430	10,088	9,367	9,180	9,568	8,762	10,391	10,171	10,446	10,605	10,467	118,220
2017	10,126	9,371	10,681	9,343	9,952	9,870	9,018	10,662	10,287	10,998	10,548	10,461	121,317
2018	10,714	9,637	10,723	9,993	10,218	9,607	9,594	11,155	9,649	11,645	11,040	10,461	124,435

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

## Commercial Hog Slaughter, Total Live Weight by Month – Iowa and United States: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
(million pounds)													
<b>Iowa</b>													
2014	749	669	653	690	664	626	642	627	660	776	686	756	8,197
2015	759	706	754	740	665	715	704	691	735	783	756	793	8,802
2016	762	734	781	738	694	729	648	788	782	834	813	797	9,101
2017	762	716	827	733	757	741	671	794	796	840	832	825	9,294
2018	839	757	850	812	831	737	733	876	774	935	912	853	9,909
<b>United States</b>													
2014	2,775	2,453	2,470	2,542	2,471	2,307	2,396	2,335	2,499	2,842	2,522	2,819	30,431
2015	2,800	2,587	2,812	2,751	2,480	2,657	2,628	2,598	2,722	2,903	2,786	2,951	32,675
2016	2,780	2,671	2,862	2,666	2,598	2,682	2,433	2,867	2,842	2,943	3,001	2,956	33,302
2017	2,880	2,658	3,032	2,658	2,806	2,750	2,494	2,958	2,897	3,106	3,011	2,991	34,241
2018	3,062	2,752	3,071	2,863	2,908	2,687	2,657	3,101	2,699	3,292	3,150	2,991	35,233

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

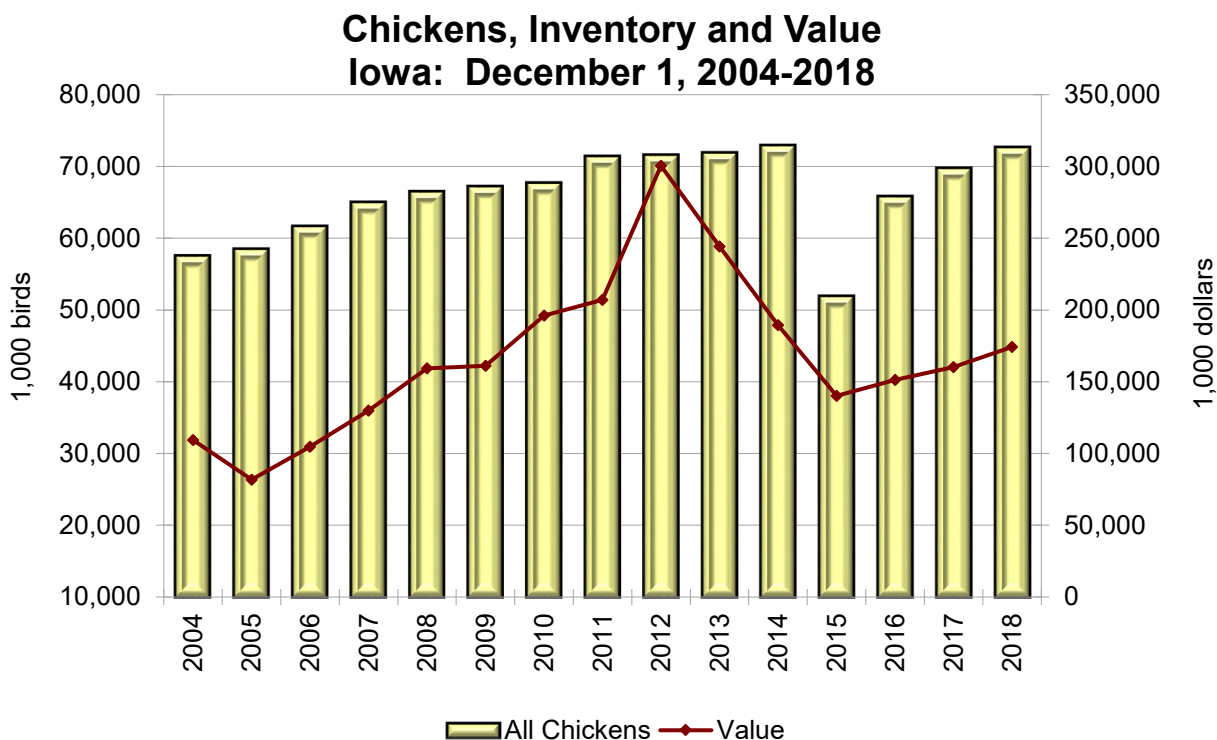
## Commercial Hog Slaughter, Average Live Weight by Month – Iowa and United States: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
(pounds)													
<b>Iowa</b>													
2014	284	284	286	289	290	288	285	284	284	287	287	287	286
2015	288	286	285	284	283	282	279	277	279	283	285	286	283
2016	286	285	285	285	284	281	278	277	281	282	282	282	282
2017	283	282	283	285	283	279	277	277	283	283	286	287	282
2018	286	286	287	287	285	280	277	277	279	282	284	284	283
<b>United States</b>													
2014	284	283	285	287	287	285	283	282	283	286	286	286	285
2015	287	285	285	284	284	282	280	278	280	283	285	285	283
2016	285	283	284	285	283	280	278	276	280	282	283	283	282
2017	284	284	284	285	282	279	277	278	282	283	286	286	282
2018	286	286	286	287	285	280	277	278	280	283	285	286	283

## Chickens, Inventory, Rate of Lay, and Egg Production – Iowa and United States: 2009-2018

Year	Chickens on farms, December 1			Average number of layers during year (1,000 head)	Eggs per layer (eggs)	Total egg production (million eggs)
	All chickens <sup>1</sup> (1,000 head)	Value (1,000 dollars)	Total layers (1,000 head)			
<b>Iowa</b>						
2009	67,172	161,213	54,025	53,801	269	14,475
2010	67,646	196,173	53,322	54,834	269	14,773
2011	71,358	206,938	55,901	54,400	273	14,839
2012	71,541	300,472	57,883	55,702	280	15,572
2013	71,838	244,249	58,867	58,007	279	16,156
2014	72,842	189,389	59,889	59,154	278	16,449
2015	51,910	140,157	37,821	45,491	274	12,471
2016	65,748	151,220	55,237	49,230	276	13,604
2017	69,687	160,280	56,337	55,855	289	16,152
2018	72,579	174,190	58,188	57,614	282	16,274
<b>United States</b>						
2009	454,614	1,510,038	342,058	338,846	268	90,737
2010	457,197	1,637,016	342,782	341,505	269	91,811
2011	454,364	1,721,671	343,283	340,598	271	92,450
2012	466,944	1,885,904	354,977	344,844	274	94,364
2013	474,902	1,971,590	361,403	354,844	275	97,555
2014	483,530	1,989,495	370,637	364,707	277	100,879
2015	476,981	2,085,151	351,656	352,411	276	97,208
2016	496,119	2,092,307	377,299	365,997	279	102,112
2017	512,038	2,131,817	388,006	378,787	281	106,552
2018	527,573	2,284,164	396,870	391,311	279	109,192

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



### All Layers, Average Number on Hand by Month – Iowa and United States: 2014-2018

Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
----- (1,000 head) -----												
<b>Iowa</b>												
2014	58,676	58,522	58,918	59,210	59,206	59,422	59,001	58,787	59,189	59,550	59,677	59,688
2015	59,930	59,723	59,562	59,466	56,106	44,172	34,374	33,593	33,752	34,196	34,741	36,282
2016	39,230	42,080	45,073	47,714	49,227	50,093	51,256	52,113	52,548	53,229	53,693	54,507
2017	55,424	56,061	56,323	56,026	55,375	55,065	55,497	55,629	55,879	56,053	56,360	56,573
2018	56,386	56,155	56,612	57,332	57,705	58,024	57,705	57,945	58,272	58,361	58,543	58,330
<b>United States</b>												
2014	362,632	363,249	362,830	363,821	364,737	364,236	363,605	364,702	365,788	366,038	366,336	368,508
2015	370,392	368,545	367,483	368,194	364,423	348,044	335,547	336,378	337,802	340,258	343,555	348,303
2016	354,177	358,423	363,579	367,239	367,210	366,803	365,903	365,365	367,178	369,827	371,509	374,723
2017	378,029	378,616	377,999	378,258	378,151	376,371	375,467	376,032	377,658	379,939	382,738	386,180
2018	388,256	388,368	390,282	392,585	392,319	391,773	391,581	390,626	390,726	391,745	392,492	394,987

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

### All Layers, Number of Eggs Per 100 Layers by Month – Iowa and United States: 2014-2018

Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov
<b>Iowa</b>												
2014	2,340	2,331	2,086	2,300	2,297	2,395	2,295	2,375	2,369	2,317	2,385	2,317
2015	2,423	2,403	2,147	2,377	2,319	2,326	2,219	2,306	2,278	2,160	2,185	2,092
2016	2,140	2,139	2,063	2,231	2,202	2,404	2,321	2,388	2,458	2,367	2,421	2,377
2017	2,500	2,487	2,220	2,466	2,388	2,487	2,399	2,466	2,432	2,322	2,403	2,351
2018	2,380	2,331	2,151	2,378	2,322	2,411	2,319	2,406	2,417	2,342	2,421	2,363
<b>United States</b>												
2014	2,354	2,337	2,105	2,342	2,275	2,340	2,267	2,357	2,349	2,265	2,356	2,312
2015	2,388	2,349	2,103	2,360	2,292	2,339	2,258	2,334	2,332	2,247	2,320	2,261
2016	2,334	2,321	2,190	2,352	2,273	2,360	2,286	2,377	2,386	2,303	2,389	2,327
2017	2,412	2,401	2,159	2,394	2,313	2,388	2,320	2,404	2,387	2,284	2,361	2,310
2018	2,383	2,351	2,121	2,354	2,277	2,362	2,290	2,365	2,381	2,311	2,387	2,322

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

## Chickens and Eggs, Production and Income – Iowa and United States: 2014-2018

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>				
2014	49,549	149	16,449	1,404,761
2015	37,320	187	12,471	1,535,042
2016	28,584	143	13,604	555,174
2017	22,061	110	16,152	868,529
2018	33,534	101	16,274	1,327,106
<b>United States</b>				
2014	952,136	96,151	100,879	10,257,972
2015	996,588	103,206	97,208	13,608,194
2016	1,057,350	87,423	102,112	6,514,074
2017	1,001,386	46,996	106,552	7,597,091
2018	1,019,695	49,364	109,192	10,586,262

## Eggs Produced by Month – Iowa and United States: 2009-2018

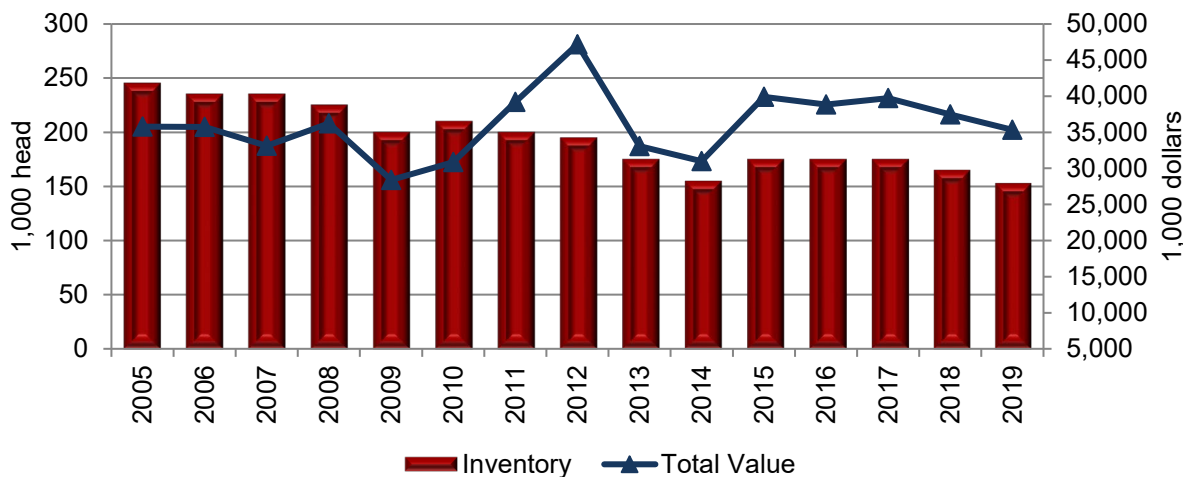
Year	Dec <sup>1</sup>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Total
(million eggs)													
<b>Iowa</b>													
2009	1,229	1,223	1,103	1,224	1,186	1,221	1,186	1,226	1,230	1,194	1,242	1,211	14,475
2010	1,256	1,240	1,108	1,271	1,253	1,291	1,242	1,254	1,260	1,215	1,212	1,171	14,773
2011	1,235	1,243	1,116	1,246	1,200	1,237	1,213	1,276	1,278	1,235	1,297	1,263	14,839
2012	1,305	1,271	1,175	1,301	1,269	1,317	1,269	1,306	1,332	1,304	1,374	1,349	15,572
2013	1,386	1,351	1,215	1,385	1,350	1,381	1,322	1,357	1,369	1,333	1,372	1,333	16,155
2014	1,374	1,364	1,229	1,362	1,362	1,430	1,363	1,405	1,412	1,389	1,431	1,392	16,513
2015	1,462	1,447	1,293	1,435	1,326	1,054	788	801	795	763	784	782	12,730
2016	853	906	935	1,070	1,090	1,210	1,196	1,252	1,299	1,267	1,307	1,303	13,687
2017	1,389	1,394	1,250	1,382	1,323	1,369	1,332	1,372	1,359	1,302	1,354	1,330	16,155
2018	1,342	1,309	1,218	1,363	1,340	1,399	1,338	1,394	1,409	1,367	1,418	1,379	16,274
<b>United States</b>													
2009	7,800	7,704	6,928	7,765	7,501	7,638	7,386	7,617	7,630	7,414	7,736	7,618	90,737
2010	7,888	7,754	6,965	7,877	7,620	7,763	7,529	7,756	7,790	7,541	7,727	7,601	91,811
2011	7,948	7,853	7,037	7,870	7,641	7,792	7,543	7,796	7,787	7,588	7,882	7,713	92,450
2012	8,072	7,961	7,352	7,996	7,730	7,932	7,657	7,882	7,961	7,719	8,070	8,021	94,364
2013	8,328	8,260	7,450	8,341	8,082	8,309	8,029	8,271	8,384	8,189	8,500	8,339	98,481
2014	8,640	8,547	7,695	8,587	8,364	8,598	8,321	8,679	8,678	8,373	8,722	8,612	101,816
2015	8,928	8,723	7,797	8,771	8,438	8,235	7,672	7,948	7,979	7,747	8,074	7,979	98,291
2016	8,367	8,412	8,048	8,729	8,438	8,753	8,456	8,779	8,855	8,605	8,960	8,799	103,202
2017	9,181	9,139	8,209	9,112	8,797	9,043	8,768	9,099	9,077	8,737	9,098	8,984	107,242
2018	9,252	9,132	8,278	9,243	8,932	9,252	8,966	9,239	9,305	9,052	9,370	9,171	109,192

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

## Sheep and Lambs, Inventory and Value – Iowa and United States: January 1, 2010-2019

Year	All sheep and lambs		Breeding sheep & lambs				Market sheep & lambs		
	Inventory (1,000 head)	Total value (1,000 dollars)	1 year and older		Replacement lambs (1,000 head)	Total (1,000 head)	Lambs (1,000 head)	Sheep (1,000 head)	Total (1,000 head)
			Ewes (1,000 head)	Rams (1,000 head)					
<b>Iowa</b>									
2010	210	30,870	116	6	23	145	64	1	65
2011	200	39,200	104	5	18	127	72	1	73
2012	195	47,190	115	5	23	143	51	1	52
2013	175	33,075	100	5	23	128	44	3	47
2014	155	31,000	90	5	15	110	42	3	45
2015	175	39,900	100	5	20	125	49	1	50
2016	175	38,850	100	5	20	125	49	1	50
2017	175	39,725	95	5	20	120	54	1	55
2018	165	37,455	91	5	19	115	48	2	50
2019	153	35,343	80	4	19	103	47	3	50
<b>United States</b>									
2010	5,620	761,115	3,335	195	655	4,185	1,355	80	1,435
2011	5,470	929,453	3,215	190	665	4,070	1,320	80	1,400
2012	5,375	1,187,730	3,165	170	660	3,995	1,291	89	1,380
2013	5,360	951,020	3,135	180	670	3,985	1,294	81	1,375
2014	5,245	984,236	3,090	175	635	3,900	1,264	81	1,345
2015	5,280	1,129,447	3,110	175	650	3,935	1,260	85	1,345
2016	5,300	1,072,429	3,105	175	665	3,945	1,280	75	1,355
2017	5,250	1,063,818	3,058	170	660	3,875	1,300	75	1,375
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

### Sheep and Lambs, Inventory and Value Iowa: January 1, 2005-2019



## Sheep and Lambs, Wool Production and Income – Iowa and United States: 2009-2018

Year	Sheep shorn (head)	Weight per fleece (pounds)	Production (pounds)	Price per pound (dollars)	Value (dollars)
<b>Iowa</b>					
2009	195,000	5.9	1,150,000	0.27	311,000
2010	200,000	5.0	1,000,000	0.29	290,000
2011	190,000	5.3	1,000,000	0.58	580,000
2012	165,000	5.5	900,000	0.70	630,000
2013	155,000	5.5	850,000	0.65	553,000
2014	165,000	5.5	900,000	0.58	522,000
2015	165,000	5.5	900,000	0.79	711,000
2016	165,000	5.5	900,000	0.56	504,000
2017	140,000	5.6	780,000	0.52	406,000
2018	140,000	5.4	760,000	0.59	448,000
<b>United States</b>					
2009	4,195,000	7.4	30,860,000	0.79	24,337,000
2010	4,180,000	7.3	30,360,000	1.15	35,013,000
2011	4,030,000	7.3	29,280,000	1.67	48,920,000
2012	3,790,000	7.3	27,630,000	1.52	41,972,000
2013	3,700,000	7.3	26,990,000	1.45	39,209,000
2014	3,680,000	7.3	26,680,000	1.46	38,909,000
2015	3,675,000	7.4	27,015,000	1.45	39,205,000
2016	3,585,000	7.3	26,050,000	1.45	37,721,000
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

## Sheep and Lambs, Inventory, Lamb Crop, Farm Slaughter, and Death Loss – Iowa and United States: 2009-2018

Year	Inventory January 1	Lamb crop	Farm slaughter	Sheep and lamb deaths
----- (head) -----				
<b>Iowa</b>				
2009	200,000	170,000	1,300	29,000
2010	210,000	160,000	1,500	30,000
2011	200,000	155,000	1,400	29,000
2012	195,000	150,000	1,400	26,000
2013	175,000	135,000	1,400	24,000
2014	155,000	150,000	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
<b>United States</b>				
2009	5,747,000	3,690,000	95,200	635,000
2010	5,620,000	3,570,000	95,300	600,000
2011	5,470,000	3,490,000	93,200	620,000
2012	5,375,000	3,445,000	92,500	594,000
2013	5,360,000	3,370,000	93,500	585,000
2014	5,245,000	3,440,000	94,500	585,000
2015	5,280,000	3,275,000	95,100	603,000
2016	5,300,000	3,250,000	94,800	591,000
2017	5,250,000	3,230,000	96,100	580,000
2018	5,265,000	3,235,000	92,200	604,000

## Commercial Sheep and Lamb Slaughter, Number of Head by Month – Iowa and United States: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
----- (1,000 head) -----													
<b>Iowa</b>													
2014	0.2	0.1	0.1	0.2	0.1	0.2	0.3	0.3	0.3	0.4	0.4	0.2	2.8
2015	0.3	0.2	0.2	0.2	0.1	0.2	0.3	0.3	0.3	0.3	0.2	0.3	2.8
2016	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.5	0.4	0.3	0.3	3.5
2017	0.2	0.3	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.4	0.4	0.2	3.2
2018	0.2	0.1	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.3	0.2	2.7
<b>United States</b>													
2014	181	168	190	222	194	193	210	181	192	207	173	200	2,310
2015	167	164	205	199	169	195	188	175	193	186	181	200	2,224
2016	161	176	207	190	186	196	170	193	194	182	187	197	2,238
2017	177	159	196	180	181	188	167	195	176	184	187	188	2,178
2018	181	164	202	182	202	181	180	205	172	200	195	202	2,265

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

## Commercial Sheep and Lamb Slaughter, Total Live Weight by Month – Iowa and United States: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
----- (1,000 pounds) -----													
<b>Iowa</b>													
2014	22	16	22	35	11	26	46	46	49	63	76	40	452
2015	38	25	31	23	20	28	44	56	48	49	36	40	438
2016	33	36	31	32	31	53	43	57	82	54	43	46	542
2017	35	40	39	30	29	29	53	55	58	60	56	33	516
2018	40	22	25	17	28	34	46	46	58	59	43	29	446
<b>United States</b>													
2014	24,707	23,165	26,357	30,296	27,739	26,702	27,753	23,300	24,541	26,759	22,930	26,675	310,925
2015	23,443	23,114	28,603	27,351	23,893	26,961	25,862	23,447	24,709	23,853	23,552	26,466	301,254
2016	22,337	25,037	28,564	25,638	25,962	26,532	22,848	25,068	24,161	23,287	24,435	26,125	299,994
2017	24,510	22,386	27,443	23,024	23,720	24,816	21,940	25,752	22,516	23,724	24,699	25,509	290,038
2018	25,421	23,451	28,169	24,923	27,366	24,799	24,138	26,965	22,777	26,142	25,820	26,350	306,319

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

## Commercial Sheep and Lamb Slaughter, Average Live Weight by Month – Iowa and United States: 2014-2018

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total <sup>1</sup>
----- (pounds) -----													
<b>Iowa</b>													
2014	129	139	180	156	110	153	146	166	168	171	180	178	161
2015	149	143	155	140	146	153	162	162	158	159	150	154	154
2016	154	153	163	154	162	165	163	163	155	148	150	151	156
2017	154	153	169	180	173	170	168	169	152	162	158	165	163
2018	162	157	170	166	164	169	174	170	164	163	165	165	166
<b>United States</b>													
2014	137	138	139	137	143	138	132	129	128	129	133	134	135
2015	141	141	139	137	141	138	138	134	128	128	130	132	136
2016	139	142	138	135	140	136	134	130	125	128	131	133	134
2017	138	141	140	128	131	132	132	132	128	129	132	136	133
2018	141	143	140	137	136	137	134	131	132	131	132	131	135

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

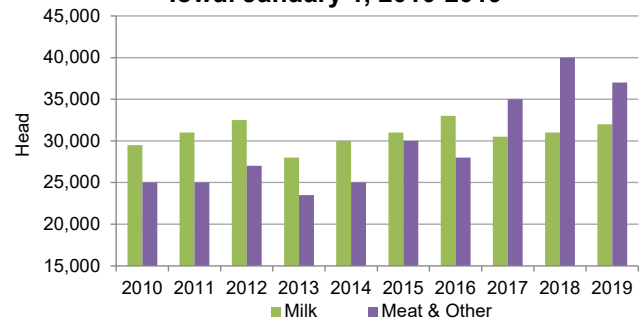


## Goats

### Goat Inventory – Iowa: January 1, 2010-2019

Year	Milk goats (head)	Meat and other goats (head)
2010	29,500	25,000
2011	31,000	25,000
2012	32,500	27,000
2013	28,000	23,500
2014	30,000	25,000
2015	31,000	25,500
2016	33,000	28,000
2017	30,500	32,000
2018	31,000	40,000
2019	32,000	37,000

### Goat Inventory By Type Iowa: January 1, 2010-2019



## Bees and Honey

### Number of Colonies, Yield, Production, Stocks, Price, and Value – Iowa and United States: 2014-2018

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

State	Producing colonies <sup>1</sup> (1,000)	Yield (pounds)	Production (1,000 pounds)	Honey stocks December 15 <sup>2</sup> (1,000 pounds)	Average price per pound <sup>3</sup> (cents)	Value of production <sup>4</sup> (1,000 dollars)
<b>Iowa</b>						
2014	35	43.0	1,505	933	241	3,627
2015	36	50.0	1,800	990	220	3,960
2016	37	48.0	1,776	746	208	3,694
2017	35	58.0	2,030	1,035	226	4,588
2018	38	49.0	1,862	1,005	235	4,376
<b>United States<sup>5,6</sup></b>						
2014	2,741	65.1	178,310	41,207	217	386,933
2015	2,661	58.9	156,705	42,205	208	325,946
2016	2,780	58.4	162,246	41,314	212	343,962
2017	2,684	55.5	149,025	30,671	220	327,855
2018	2,803	54.4	152,348	29,091	217	333,482

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

<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: 2016-2019

[Operations with five or more colonies.]

Quarter	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 2016	13,000	13,000	2,900	22	90	0	0
Apr-Jun 2016	10,500	26,000	2,400	9	26,000	760	3
Jul-Sep 2016	50,000	50,000	5,500	11	10,500	2,400	5
Oct-Dec 2016	54,000	54,000	4,700	9	0	20	0
Jan-Mar 2017	10,000	15,500	3,000	19	70	0	0
Apr-Jun 2017	12,000	23,000	2,400	10	23,000	3,900	17
Jul-Sep 2017	40,000	43,000	2,200	5	2,100	4,000	9
Oct-Dec 2017	45,000	45,000	6,500	14	250	3,400	8
Jan-Mar 2018	41,000	44,000	2,100	5	270	110	(Z)
Apr-Jun 2018	45,000	47,000	4,300	9	15,500	4,800	10
Jul-Sep 2018	56,000	57,000	3,600	6	1,200	990	2
Oct-Dec 2018	21,000	21,000	4,200	20	630	80	(Z)
Jan-Mar 2019	7,500	11,500	1,600	14	170	140	1
Apr-Jun 2019 <sup>6</sup>	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)

(NA) Not available.

(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.

<sup>6</sup> Quarterly data collection suspended as of April 2019.

## Farm Production Expenditures – Iowa: 2017-2018

Expenditure – farm share	Farms reporting <sup>1</sup>		Average per farm <sup>2</sup>		Total expenditures	
	2017	2018	2017	2018	2017	2018
	(percent)	(percent)	(dollars)	(dollars)	(million dollars)	(million dollars)
Livestock, Poultry and Related Expenses <sup>4</sup> .....	26.0	24.1	49,245	47,093	4,240	4,050
Feed .....	40.9	34.6	51,103	49,651	4,400	4,270
Farm Services <sup>5</sup> .....	97.0	98.5	30,314	29,070	2,610	2,500
Rent <sup>6</sup> .....	42.5	41.6	43,206	42,907	3,720	3,690
Agricultural Chemicals <sup>7</sup> .....	59.2	58.0	13,240	12,674	1,140	1,090
Fertilizer, Lime and Soil Conditioners <sup>7</sup> .....	60.2	58.0	21,022	20,814	1,810	1,790
Interest .....	48.3	47.2	9,640	10,349	830	890
Taxes (Real Estate and Property) .....	100.0	100.0	9,524	10,465	820	900
Labor .....	28.3	21.9	10,569	8,953	910	770
Fuel .....	81.0	81.0	7,549	9,070	650	780
Farm Supplies and Repairs <sup>8</sup> .....	77.5	77.2	11,034	12,326	950	1,060
Farm Improvements and Construction <sup>9</sup> .....	57.3	46.6	11,150	7,093	960	610
Tractors and Self-Propelled Farm Machinery .....	15.4	9.8	7,549	6,395	650	550
Other Farm Machinery .....	18.6	14.4	3,949	3,023	340	260
Seeds and Plants <sup>10</sup> .....	62.0	60.1	24,390	22,442	2,100	1,930
Trucks and Autos .....	15.9	11.4	2,787	1,802	240	155
Miscellaneous Capital Expenses .....	5.4	3.9	290	291	25	25
<b>Total Farm Production Expenditures<sup>3</sup> .....</b>	<b>100.0</b>	<b>100.0</b>	<b>306,562</b>	<b>294,419</b>	<b>26,395</b>	<b>25,320</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 the operator, landlord, and contractor shares of farm production expenses. Totals may not add due to rounding.

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

<sup>5</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>6</sup> Includes cash rent paid, share rent, plus public and private grazing fees.

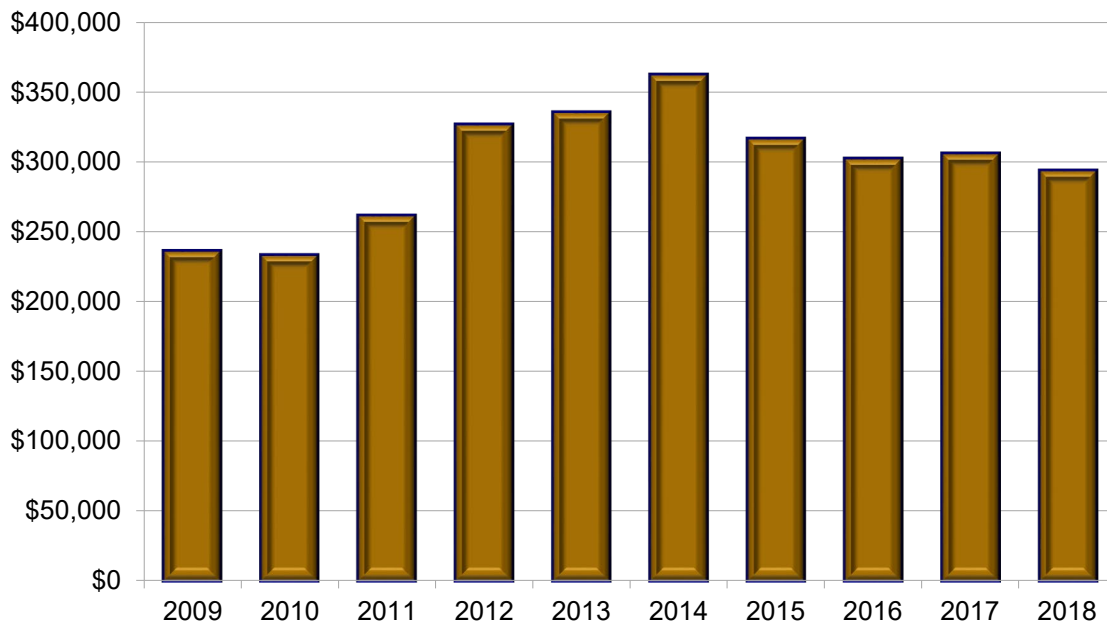
<sup>7</sup> Includes material and application costs.

<sup>8</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.

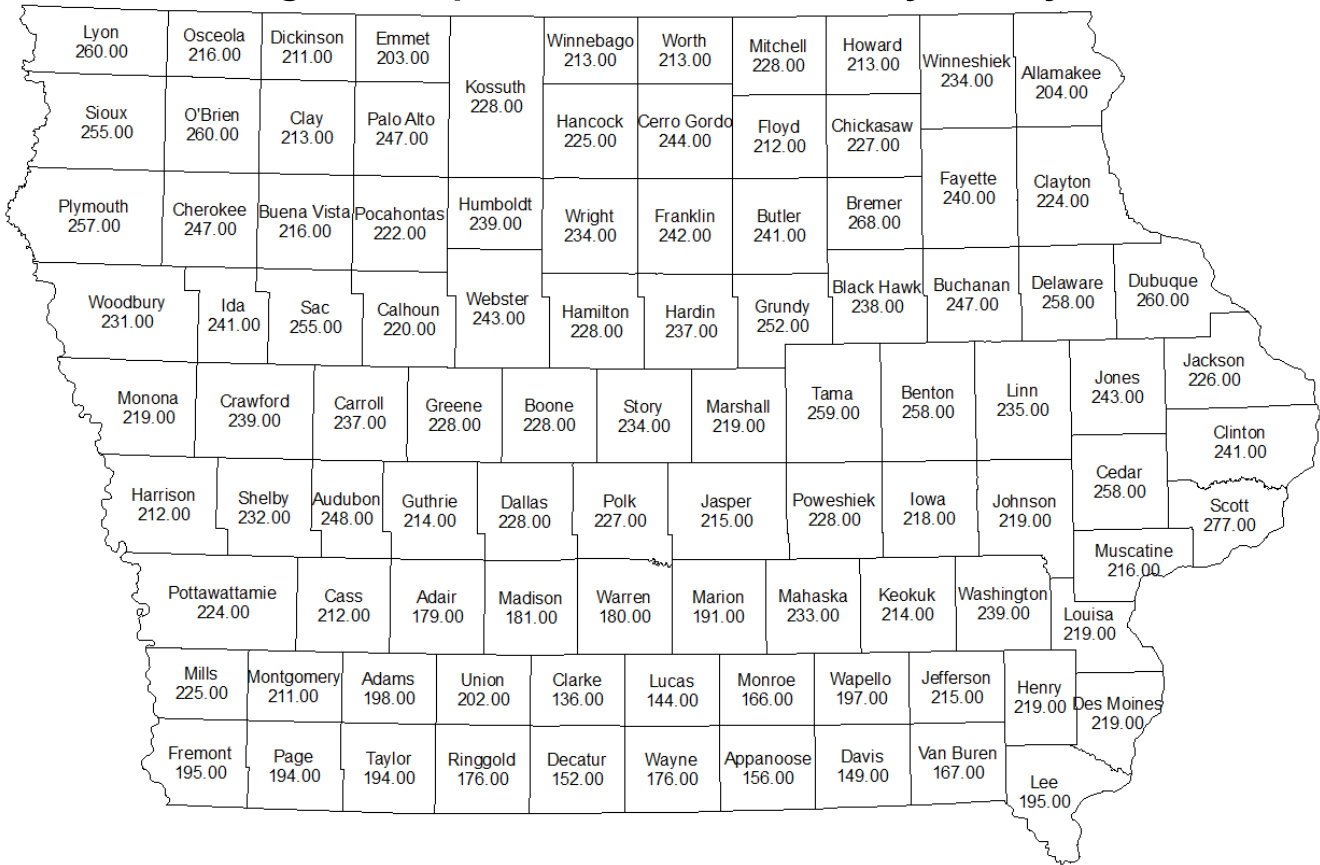
<sup>9</sup> Includes all expenditures related to new construction or repairs of buildings, fences, operator dwelling (if dwelling is owned by operation), and any improvements to physical structures of land.

<sup>10</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.

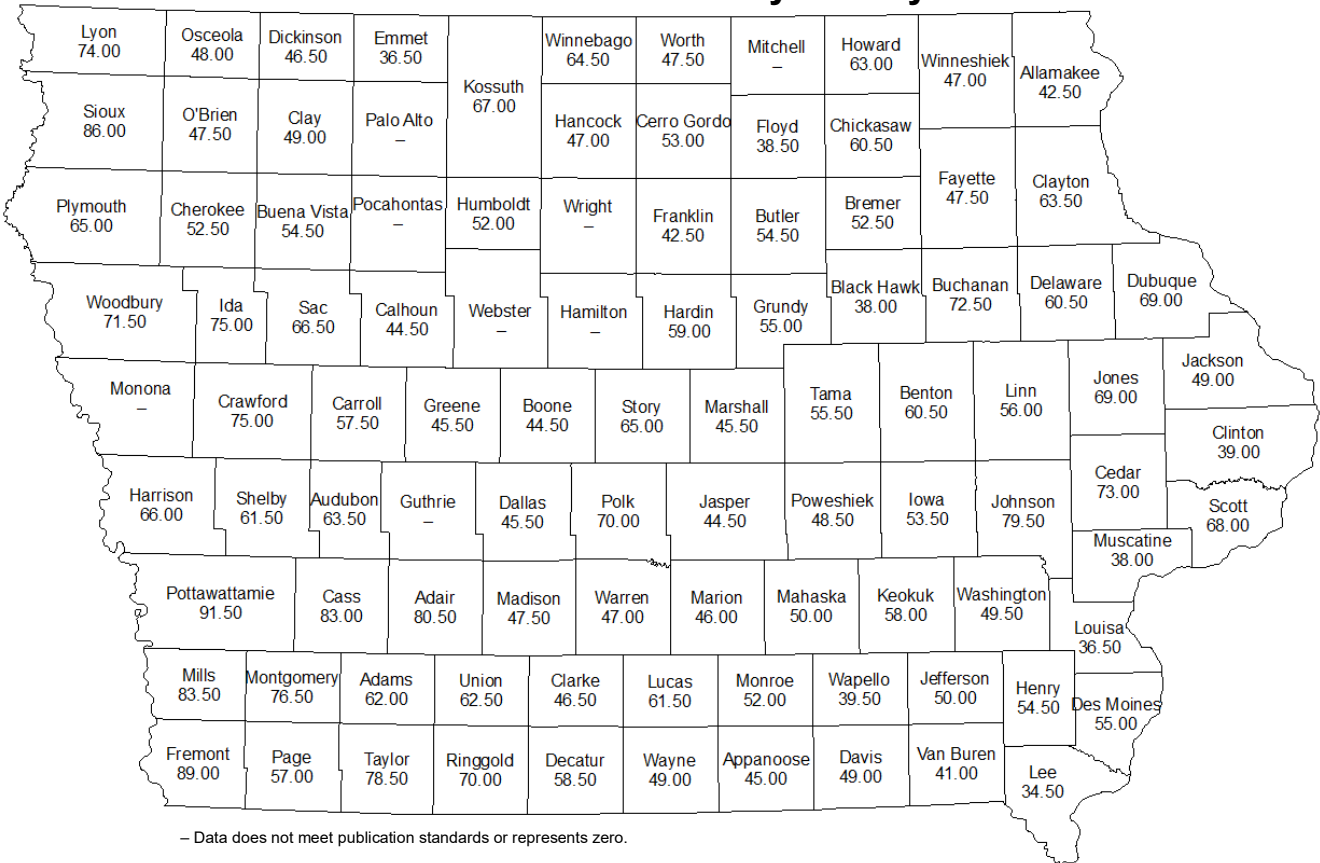
## Farm Production Expenditures, Average per Farm Iowa: 2009-2018



## Non-Irrigated Cropland Cash Rent – Iowa by County: 2019



## Pasture Cash Rent – Iowa by County: 2019



- Data does not meet publication standards or represents zero.

### Cash Rent – Iowa: 2017-2019

Item	2017	2018	2019
	(dollars per acre)		
Cropland, cash rent expense .....	231.00	231.00	230.00
Irrigated, cash rent expense.....	240.00	(D)	235.00
Non-irrigated, cash rent expense	231.00	231.00	230.00
Pasture, cash rent expense .....	54.00	54.00	59.00

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

### Cash Rent – Iowa by County: 2017 and 2019

County and district	Non-irrigated cropland		Pasture	
	2017	2019	2017	2019
	(dollars per acre)			
Buena Vista .....	225.00	216.00	41.00	54.50
Cherokee .....	260.00	247.00	—	52.50
Clay .....	225.00	213.00	45.50	49.00
Dickinson .....	209.00	211.00	34.00	46.50
Emmet .....	204.00	203.00	47.50	36.50
Lyon .....	231.00	260.00	—	74.00
O'Brien .....	249.00	260.00	—	47.50
Osceola .....	243.00	216.00	53.50	48.00
Palo Alto .....	227.00	247.00	45.00	—
Plymouth .....	260.00	257.00	61.00	65.00
Pocahontas .....	212.00	222.00	52.00	—
Sioux .....	262.00	255.00	70.00	86.00
Combined counties <sup>1</sup> .....	(X)	(X)	49.00	46.00
<b>Northwest .....</b>	<b>238.00</b>	<b>240.00</b>	<b>51.00</b>	<b>57.50</b>
Butler .....	231.00	241.00	—	54.50
Cerro Gordo .....	237.00	244.00	49.00	53.00
Floyd .....	232.00	212.00	60.50	38.50
Franklin .....	252.00	242.00	48.00	42.50
Hancock .....	226.00	225.00	—	47.00
Humboldt .....	240.00	239.00	60.00	52.00
Kossuth .....	235.00	228.00	52.00	67.00
Mitchell .....	232.00	228.00	58.00	—
Winnebago .....	219.00	213.00	63.00	64.50
Worth .....	212.00	213.00	52.50	47.50
Wright .....	242.00	234.00	45.50	—
Combined counties <sup>1</sup> .....	(X)	(X)	33.50	30.50
<b>North Central .....</b>	<b>235.00</b>	<b>230.00</b>	<b>47.50</b>	<b>47.00</b>
Allamakee .....	226.00	204.00	35.50	42.50
Black Hawk .....	251.00	238.00	—	38.00
Bremer .....	270.00	268.00	43.00	52.50
Buchanan .....	249.00	247.00	57.00	72.50
Chickasaw .....	230.00	227.00	39.50	60.50
Clayton .....	226.00	224.00	—	63.50
Delaware .....	247.00	258.00	54.00	60.50
Dubuque .....	231.00	260.00	—	69.00
Fayette .....	242.00	240.00	49.00	47.50
Howard .....	237.00	213.00	65.50	63.00
Winneshiek .....	223.00	234.00	42.00	47.00
Combined counties <sup>1</sup> .....	(X)	(X)	63.50	(X)
<b>Northeast .....</b>	<b>240.00</b>	<b>241.00</b>	<b>50.50</b>	<b>55.50</b>
Audubon .....	254.00	248.00	65.50	63.50
Calhoun .....	235.00	220.00	53.00	44.50
Carroll .....	248.00	237.00	57.00	57.50
Crawford .....	233.00	239.00	69.50	75.00
Greene .....	227.00	228.00	53.00	45.50
Guthrie .....	197.00	214.00	61.00	—
Harrison .....	223.00	212.00	86.00	66.00
Ida .....	254.00	241.00	69.00	75.00
Monona .....	225.00	219.00	47.00	—
Sac .....	244.00	255.00	60.50	66.50
Shelby .....	223.00	232.00	44.00	61.50
Woodbury .....	246.00	231.00	63.50	71.50
Combined counties <sup>1</sup> .....	(X)	(X)	(X)	60.50
<b>West Central .....</b>	<b>237.00</b>	<b>233.00</b>	<b>64.00</b>	<b>64.00</b>

County and district	Non-irrigated cropland		Pasture	
	2017	2019	2017	2019
	(dollars per acre)			
Boone .....	233.00	228.00	28.00	44.50
Dallas .....	226.00	228.00	61.50	45.50
Grundy .....	269.00	252.00	51.50	55.00
Hamilton .....	236.00	228.00	49.00	—
Hardin .....	229.00	237.00	50.00	59.00
Jasper .....	231.00	215.00	42.00	44.50
Marshall .....	237.00	219.00	53.50	45.50
Polk .....	233.00	227.00	55.00	70.00
Poweshiek .....	229.00	228.00	48.50	48.50
Story .....	232.00	234.00	58.50	65.00
Tama .....	233.00	259.00	50.50	55.50
Webster .....	241.00	243.00	33.00	—
Combined counties <sup>1</sup> .....	(X)	(X)	(X)	35.50
<b>Central .....</b>	<b>236.00</b>	<b>235.00</b>	<b>48.00</b>	<b>52.50</b>
Benton .....	273.00	258.00	33.00	60.50
Cedar .....	252.00	258.00	59.50	73.00
Clinton .....	235.00	241.00	44.00	39.00
Iowa .....	207.00	218.00	60.50	53.50
Jackson .....	224.00	226.00	55.00	49.00
Johnson .....	229.00	219.00	38.00	79.50
Jones .....	216.00	243.00	—	69.00
Linn .....	241.00	235.00	57.00	56.00
Muscatine .....	225.00	216.00	53.50	38.00
Scott .....	248.00	277.00	—	68.00
Combined counties <sup>1</sup> .....	(X)	(X)	62.50	(X)
<b>East Central .....</b>	<b>241.00</b>	<b>242.00</b>	<b>52.00</b>	<b>57.00</b>
Adair .....	182.00	179.00	—	80.50
Adams .....	200.00	198.00	62.50	62.00
Cass .....	224.00	212.00	66.00	83.00
Fremont .....	189.00	195.00	73.00	89.00
Mills .....	223.00	225.00	79.00	83.50
Montgomery .....	205.00	211.00	80.50	76.50
Page .....	216.00	194.00	70.00	57.00
Pottawattamie .....	237.00	224.00	—	91.50
Taylor .....	186.00	194.00	65.00	78.50
Combined counties <sup>1</sup> .....	(X)	(X)	66.50	(X)
<b>Southwest .....</b>	<b>212.00</b>	<b>208.00</b>	<b>68.00</b>	<b>77.00</b>
Appanoose .....	159.00	156.00	40.50	45.00
Clarke .....	146.00	136.00	47.50	46.50
Decatur .....	157.00	152.00	52.50	58.00
Lucas .....	144.00	144.00	47.50	61.50
Madison .....	174.00	181.00	47.50	47.50
Marion .....	195.00	191.00	48.50	46.00
Monroe .....	145.00	166.00	43.00	52.00
Ringgold .....	149.00	176.00	55.00	70.00
Union .....	175.00	202.00	67.00	62.50
Warren .....	190.00	180.00	47.00	47.00
Wayne .....	154.00	176.00	38.00	49.00
<b>South Central .....</b>	<b>169.00</b>	<b>178.00</b>	<b>49.50</b>	<b>56.00</b>
Davis .....	151.00	149.00	47.00	49.00
Des Moines .....	211.00	219.00	66.50	55.00
Henry .....	215.00	219.00	50.50	54.50
Jefferson .....	196.00	215.00	40.50	50.00
Keokuk .....	208.00	214.00	48.50	58.00
Lee .....	193.00	195.00	57.50	34.50
Louisa .....	212.00	219.00	54.50	36.50
Mahaska .....	213.00	233.00	44.00	50.00
Van Buren .....	157.00	167.00	41.00	41.00
Wapello .....	221.00	197.00	34.50	39.50
Washington .....	240.00	239.00	63.00	49.50
<b>Southeast .....</b>	<b>204.00</b>	<b>212.00</b>	<b>47.50</b>	<b>47.50</b>
<b>Iowa .....</b>	<b>231.00</b>	<b>230.00</b>	<b>54.00</b>	<b>59.00</b>

(X) Not applicable.

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

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

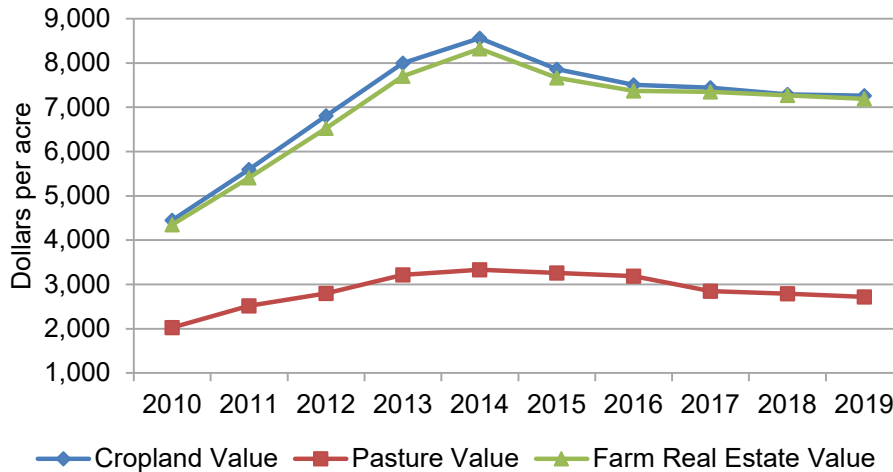
## Land Values – Iowa: 2015-2019

Item	2015	2016	2017	2018	2019
Cropland, Average Value (dollars per acre).....	7,860	7,510	7,440	7,290	7,260
Pasture, Average Value (dollars per acre).....	3,260	3,190	2,850	2,790	2,720
Farm Real Estate, Average Value (dollars per acre).....	7,670	7,370	7,350	7,270	7,190
Value of Farmland and Buildings <sup>1</sup> (million dollars) .....	234,702	225,522	224,910	222,462	(NA)

(NA) Not available. 2019 Land in Farms acres used in this calculation will be released in February 2020.

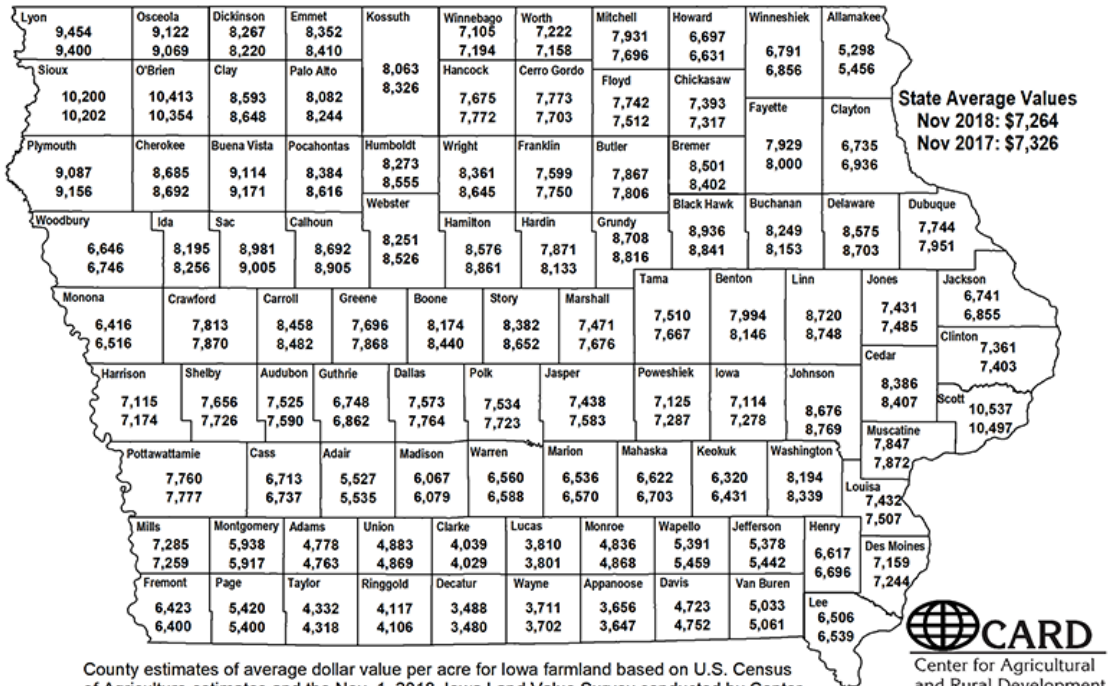
<sup>1</sup> Total value of land and buildings is derived by multiplying average value per acre of farm real estate by the land in farms.

## Land Values – Iowa: 2010-2019



## Average Land Values by County: 2017-2018 Iowa State University's Iowa Land Value Survey

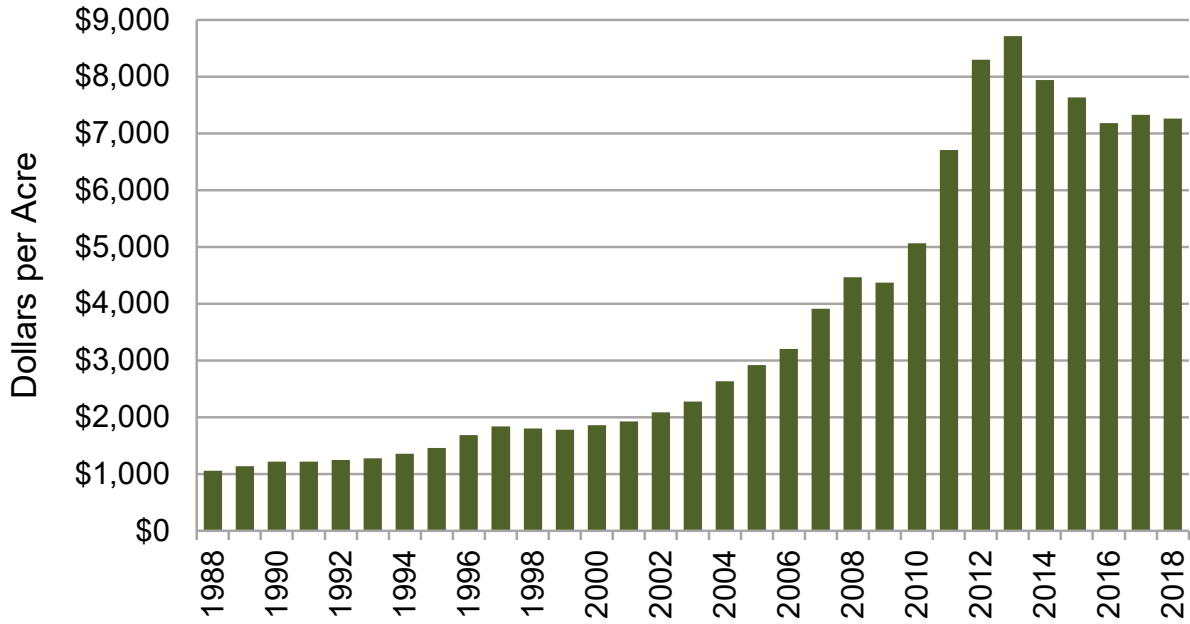
### 2018 and 2017 Iowa Average Land Values, by County



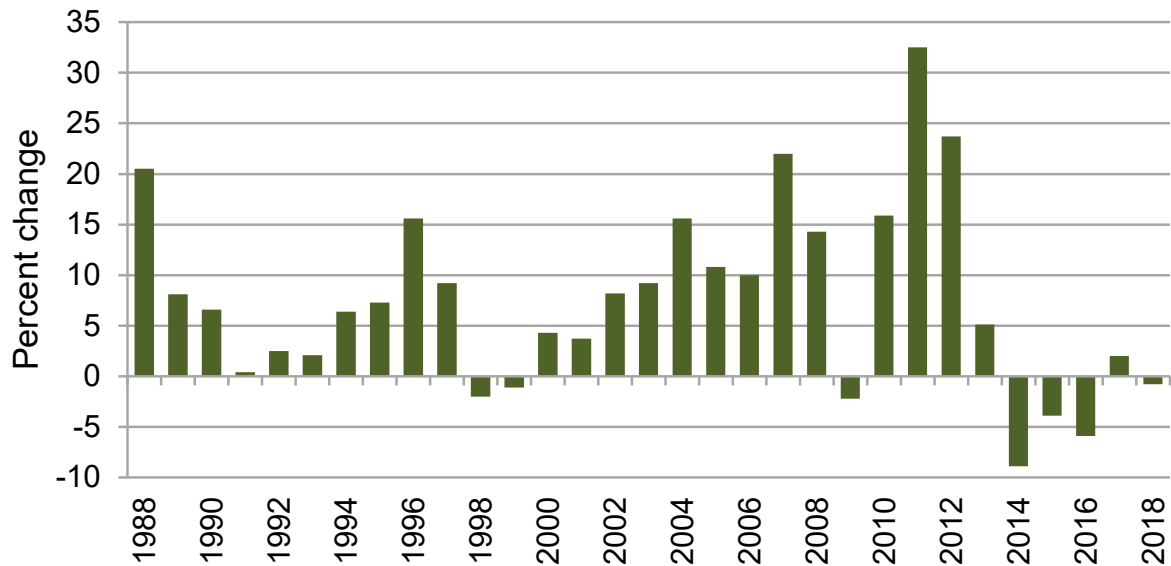
County estimates of average dollar value per acre for Iowa farmland based on U.S. Census of Agriculture estimates and the Nov. 1, 2018, Iowa Land Value Survey conducted by Center for Agricultural and Rural Development, Iowa State University and Iowa State University Extension and Outreach. The top figure is the estimated Nov. 1, 2018, value; the bottom figure is the estimated Nov. 1, 2017, value.



## Land Values - Iowa: 1988-2018



## Land Values, Percent Changes Iowa: 1988-2018



Source: 2018 Land Value Survey, Iowa State University, Center for Agricultural and Rural Development

## Farm Custom Rates – Iowa: 2019

[Values are reported rates expected to be charged or paid and include fuel and labor unless otherwise noted. 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.]

### TILLAGE / ACRE

	(average)	(range)	
Chopping cornstalks	\$12.40	\$8.00	\$18.00
Moldboard plowing	20.20	15.00	25.00
Chisel plowing	18.35	14.00	24.00
Disk/chiseling	19.70	14.25	25.00
Vertical tillage	18.55	12.00	26.00
Strip tillage	21.55	18.00	27.00
Subsoiling (8-15 in. deep)	22.85	17.00	28.50
V-ripping (over 15 in. deep)	23.45	17.00	30.00
V-ripping with tandem disk	24.60	16.00	36.00
Disking, tandem	15.40	10.00	22.38
Disking, heavy or offset	20.10	14.25	26.00
Harrowing or dragging	11.50	7.00	17.00
Soil finishing	15.80	12.00	21.00
Field cultivating	16.00	10.00	25.00
Rock picking	18.10	15.00	21.63
Cultivating, conventional	14.95	10.00	20.00
Cultivating, ridge-till	19.25	15.00	24.00
Rotary hoeing	12.05	9.50	16.00
Land rolling	8.00	5.00	12.00

### PLANTING, DRILLING, AND SEEDING / ACRE

Planting -			
-with fertilizer & insecticide atch	\$21.80	\$14.00	\$31.00
-without attachments	20.40	14.25	30.00
-with splitters & attachments	22.30	15.00	32.75
-with high-speed planter	22.45	15.00	28.00
-no-till planter	22.90	12.60	35.00
-no-till planter with splitters	23.85	16.90	32.00
-ridge till planter	23.40	22.00	25.00
Extra charge for seed shut-offs	2.45	1.00	5.00
Extra charge for var. rate seeding	2.65	1.00	5.00
Extra charge for GPS use	2.85	2.00	5.00
Seed tender	3.30	1.00	6.00
Drilling soybeans	19.10	15.00	25.35
Drilling soybeans, no-till	20.60	14.00	30.00
Drilling grass seed	19.10	12.50	32.00
Drilling small grain	18.35	13.00	24.63
Seeding grass, broadcast w/tractor	13.55	8.00	18.00
Seeding grass, broadcast with ATV	15.80	14.00	20.00

### SPRAYING / ACRE (materials not included)

Ground, broadcast, tractor	\$7.25	\$5.50	\$10.70
Ground, incorporated, tractor	12.85	10.00	18.00
Ground, broadcast, self propelled	7.65	5.00	15.00
Ground, banded, tractor	10.80	8.00	13.50
Ground, road ditches / hour	69.00	20.00	100.00
Aerial	10.75	8.00	18.00

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

Dry bulk – applied	\$5.80	\$2.50	\$10.00
– strip-till	16.50	6.00	23.00
Liquid – spraying	7.30	5.00	10.00
– strip-till, knifed	14.20	10.00	19.00
– side dressing	11.35	8.00	15.00
Anhydrous – injecting, with tool bar	12.50	8.00	18.00
– injecting, without tool bar	11.40	7.00	14.00
Spreading lime / ton	6.25	4.00	10.00

### HARVESTING, DRYING, AND HAULING GRAIN

	(average)	(range)	
Corn combining / acre	\$35.95	\$23.00	\$50.00
-with chopper head / acre	41.35	30.00	60.00
Soybean combining / acre	35.10	22.00	50.00
-with air reel / acre	37.80	30.00	50.00
-with draper head / acre	38.50	25.00	50.00
Small grain combining / acre	31.90	25.00	36.00
Complete harvesting (combine, grain cart, haul to farm storage)			
-Corn / acre	54.10	39.00	90.00
-Soybeans / acre	51.55	35.00	85.00
Added charge for GPS mapping	2.85	1.00	5.00
Picking ear corn (seed corn)	35.80	35.00	36.00
Picking ear corn (farm use)	32.15	30.00	36.00
Drying corn (includes fuel, electricity, labor)			
-continuous flow dryer, point / bu	0.046	0.040	0.050
-bin dryer, point / bu	0.052	0.040	0.060
Handling grain by auger / bu	0.064	0.020	0.100
Hauling grain			
-grain cart, corn, / acre	6.55	1.00	12.00
-grain cart, soybeans / acre	5.75	1.00	11.55
-to farm storage, wagon / bu	0.068	0.025	0.120
-farm storage to market, wagon / bu	0.086	0.050	0.130
-to market, truck (5 mi, 1-way) / bu	0.102	0.050	0.170
-to market, truck (25 mi, 1-way) / bu	0.163	0.090	0.250
-to market, truck (100 mi, 1-way) / bu	0.317	0.150	0.500

### HARVESTING FORAGES

Hay -mowing / acre	\$13.70	\$10.00	\$15.50
-conditioning / acre	12.60	12.00	14.00
-mowing/conditioning / acre	15.30	14.00	20.00
-raking / acre	7.40	5.00	11.00
-windrowing / acre	15.40	15.00	16.00
-tedding / acre	7.85	5.50	10.00
Swathing hay or small grain / acre	15.80	15.00	16.00
Hay baling -small square bales / bale	0.68	0.50	0.80
-large square bales / bale	10.95	8.50	13.00
-large round bales w/o wrap / bale	12.35	9.00	15.00
-large round bales with wrap / bale	13.05	11.00	15.00
Straw or corn stalk baling			
-lg round or sq w/o wrap / bale	12.35	9.00	15.00
-lg round or sq w/ wrap / bale	13.60	11.00	15.00
Move lg round bales to storage / bale	2.65	2.00	3.00
Haul rd bales by truck/trailer / bale / loaded mi	0.24	0.17	0.29
Silage -chopping, / hour, / head row	54.05	41.67	70.00
-chopping / ton	6.75	5.50	8.00
-chopping, haul, fill silo / hour / head row	67.90	43.33	81.25
Filling silage bags / foot of bag	11.65	8.00	15.00
Haylage – chopping / ton	8.40	8.00	9.00
Earlage or snaplage - chopping / acre	65.15	55.00	70.00



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

	(average)	(range)	
Removing snow (loader) / hour	\$77.65	\$50.00	- \$100.00
Removing snow (blade) hour / ft blade	10.95	6.25	- 13.89
Removing snow (blwr) hour / ft blwr	15.00	10.00	- 18.75
Tub grinding hay / ton	256.45	200.00	- 300.00
Spread liq manure, inject / 1,000 gal	14.25	10.00	- 16.00
Apply liq manure w/drag line 1,000 gal	12.05	10.00	- 16.00
Loading solid manure / hour	80.70	50.00	- 110.00
Loading, spreading solid manure / ton	5.25	3.25	- 6.00
Loading, spreading solid manure / hour	108.90	100.00	- 125.00
Power washing / hour	49.35	40.00	- 65.00
Building fence, barb / hr (no mats)	16.35	12.00	- 19.00
Building fence, barb / rod (no mats)	17.30	12.00	- 22.00
Scouting crops / acre	4.25	3.00	- 6.00
Scouting crops with drone / acre	3.80	4.00	- 4.00
Soil testing / sample	5.00	3.00	- 7.00
GPS grid soil testing / acre	7.00	4.00	- 10.00
Managing stored grain / bu	0.06	0.01	- 0.13
Vacuuming grain / bu	0.10	0.04	- 0.20
Livestock hauling/trailer / loaded mile	3.00	2.00	- 4.00
-semi truck / loaded mile	3.85	3.80	- 4.00
Bulldozing / hour / foot of blade	12.85	8.00	- 16.67
Digging post holes / hole	4.90	4.00	- 5.00
Trenching / foot	1.75	1.50	- 2.00
Tiling, tiling machine (excl mats) / ft	1.10	0.50	- 1.50
Tiling, tile plow (excl mats) / ft	0.99	0.50	- 2.00
Back hoeing / hour	95.70	65.00	- 135.00
Clearing land / hour	162.50	150.00	- 200.00
Chain sawing / hour	64.05	50.00	- 80.00
Welding machinery / hour	62.55	30.00	- 80.00
Mowing CRP or pasture / acre	18.75	10.00	- 30.00
Control burn grass, CRP, pasture / acre	20.60	5.00	- 40.00
Mowing fence rows, ditches / hour	71.90	40.00	- 100.00
Mowing lawns / hour	41.10	18.50	- 60.00
Chopping brush / acre	39.30	27.00	- 50.00
Using truck scale, load weighed	5.55	2.50	- 10.00

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

	(average)	(range)	
Corn / acre	\$132.25	\$80.00	- \$225.00
Soybeans / acre	121.20	75.00	- 210.25
Small grain / acre	118.35	100.00	- 140.00

**FARM LABOR WAGES FOR OPERATING MACHINERY**

Spraying or harvesting / hour	\$19.00	\$14.00	- \$30.00
Other operations / hour	17.20	12.00	- 30.00

**BIN RENTAL**

Storing grain, bin rental bu / month	\$0.027	\$0.020	- \$0.050
Storing grain, bin rental bu / year	0.159	0.100	- 0.250

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

Tractor / horsepower / hour	\$0.21	\$0.19	- \$0.25
Grain drill / acre	9.90	6.00	- 12.50
No-till soybean drill / acre	12.40	10.00	- 15.00
Corn head for combine / acre	9.05	6.00	- 10.50
Soybean head for combine / acre	8.95	7.00	- 10.00
Grain cart with auger, corn / acre	6.05	3.50	- 10.00
Grain cart with auger, soybeans / acre	5.40	2.00	- 8.00
Grain truck (semi) bushel / round trip	0.10	0.05	- 0.15
Grain auger / bu	0.06	0.01	- 0.10
Grain vacuum / bu	0.08	0.04	- 0.14
Grain cleaner / bu	0.13	0.10	- 0.15
Liquid manure spreader / hour	72.00	50.00	- 100.00
Solid manure spreader / hour	57.00	50.00	- 60.00
Skid loader / hour	66.65	40.00	- 100.00
Dry bulk fertilizer applicator / acre	5.65	5.00	- 6.00
Liquid fertilizer applicator / acre	6.70	5.00	- 8.00
Anhydrous fertilizer app / acre	7.75	5.00	- 12.00
Power washer / hour	41.90	35.00	- 50.00
Generator / hour	50.00	50.00	- 50.00

SOURCE: Iowa State University Extension and Outreach



## Farm Labor, Employment, and Wage Rates by Quarter – Corn Belt II Region and United States: 2015-2019

Year and month	Number of hired workers (1,000)	Hours worked per worker (hours per week)	Wage rates by type of worker <sup>1</sup>			
			Field	Livestock	Field and livestock combined	Wage rates for all hired workers
<b>Cornbelt II Region <sup>2</sup></b>						
<b>2015</b>						
January	21	36.6	11.47	12.04	11.80	12.68
April	25	37.0	10.92	11.79	11.30	12.08
July	25	39.6	12.27	12.68	12.45	12.89
October	34	41.0	12.82	12.48	12.70	13.03
<b>2016</b>						
January	19	36.1	13.26	12.97	13.05	13.23
April	22	37.8	12.89	13.26	13.10	13.17
July	27	37.2	13.05	13.27	13.15	13.72
October	35	38.4	13.33	12.84	13.15	13.64
<b>2017</b>						
January	15	35.3	13.08	13.92	13.55	13.82
April	18	37.2	12.60	13.95	13.15	13.41
July	23	37.4	13.49	13.26	13.40	13.98
October	29	35.8	13.83	12.95	13.55	14.04
<b>2018</b>						
January	16	32.8	13.37	13.08	13.20	13.85
April	21	31.7	12.74	13.43	13.05	13.64
July	24	33.4	13.48	12.62	13.15	13.84
October	23	35.6	13.94	13.65	13.85	14.53
<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
<b>United States</b>						
<b>2015</b>						
January	549	39.2	11.40	11.69	11.52	12.53
April	687	39.9	11.36	11.58	11.43	12.28
July	872	41.0	11.73	11.80	11.75	12.47
October	841	41.7	12.11	12.02	12.09	12.82
<b>2016</b>						
January	582	38.8	11.84	12.02	11.91	12.83
April	703	40.4	12.00	12.01	12.00	12.75
July	840	41.2	12.32	12.15	12.27	13.02
October	798	41.6	12.59	12.25	12.50	13.25
<b>2017</b>						
January	533	38.0	12.15	12.66	12.35	13.43
April	673	40.4	12.22	12.53	12.32	13.23
July	879	41.4	12.57	12.21	12.47	13.23
October	840	41.6	12.83	12.22	12.66	13.42
<b>2018</b>						
January	534	38.0	12.84	12.89	12.86	14.08
April	648	40.2	12.72	12.78	12.74	13.72
July	843	41.2	13.58	13.22	13.48	14.28
October	784	41.5	13.74	13.38	13.64	14.47
<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

<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.

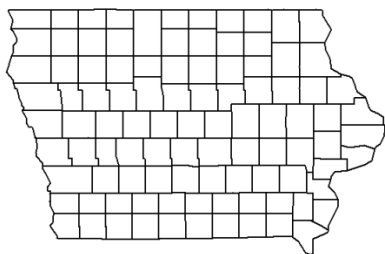
<sup>2</sup> Cornbelt II Region includes Iowa and Missouri.

# COUNTY HIGHLIGHTS

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

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

## STATE OF IOWA



### Census of Agriculture – 2017

Total land in farms (acres)	30,563,878	Market value of:	
Number of farms	86,104	all farm products (\$1,000)	28,956,455
Average farm size (acres)	355	all crops (\$1,000)	13,832,573
Avg age of principal operator	58.4	all livestock (\$1,000)	15,123,882
Hogs and pigs inventory (head)	22,730,540	Production expenses (\$1,000)	23,541,463

### Cattle – January 1, 2019

	Number of head
All cattle and calves	3,950,000
Beef cows	950,000
Milk cows	220,000

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production
	(acres)	(acres)	(bu/acre)	(1,000 bu)
Corn for grain	13,200,000	12,800,000	196.0	2,508,800
Soybeans	10,000,000	9,910,000	57.0	564,870
Oats	135,000	33,000	63.0	2,079
	(acres)	(acres)	(tons/acre)	(1,000 tons)
Alfalfa hay	(NA)	620,000	3.70	2,294
Other hay	(NA)	320,000	2.20	704

Key for the county tables:

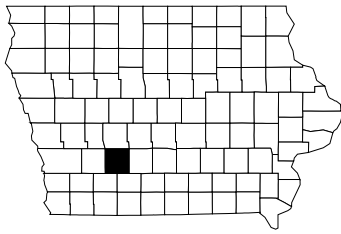
(NA) Not available.

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

T Indicates there was a tie in the county ranking.

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

## ADAIR COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	334,850	Market value of:	
Number of farms	738	all farm products (\$1,000)	188,005
Average farm size (acres)	454	all crops (\$1,000)	103,137
Avg age of principal operator	60.0	all livestock (\$1,000)	84,868
Hogs and pigs inventory (head)	52,615	Production expenses (\$1,000)	163,911

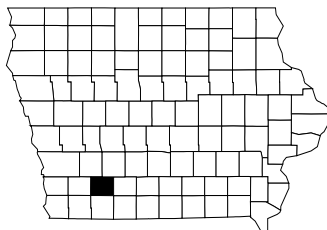
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	47,500	22
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	108,500	103,600	149.4	15,475	74
Soybeans	107,000	106,500	51.0	5,435	52
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	12,000	4.10	48,900	6
Other hay	(NA)	(D)	(D)	(D)	(NA)

## ADAMS COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	223,454	Market value of:	
Number of farms	509	all farm products (\$1,000)	108,297
Average farm size (acres)	439	all crops (\$1,000)	64,146
Avg age of principal operator	61.4	all livestock (\$1,000)	44,151
Hogs and pigs inventory (head)	52,189	Production expenses (\$1,000)	85,679

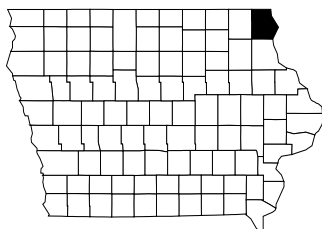
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	28,500	52T
Beef cows	13,200	22
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	71,000	69,200	171.5	11,870	84
Soybeans	69,700	69,400	54.2	3,761	78
Oats	1,800	210	64.8	13.6	22
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa Hay	(NA)	(D)	(D)	(D)	(NA)
Other Hay	(NA)	6,400	3.10	19,900	3

## 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
Avg age of principal operator	57.9	all livestock (\$1,000)	133,721
Hogs and pigs inventory (head)	83,436	Production expenses (\$1,000)	158,048

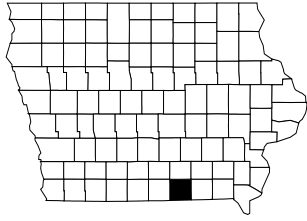
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	68,000	12
Beef cows	19,500	4
Milk cows	13,100	4

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	93,500	74,000	198.4	14,680	76
Soybeans	32,900	32,700	54.1	1,768	94
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa Hay	(NA)	24,200	4.05	98,200	3
Other Hay	(NA)	(D)	(D)	(D)	(NA)

# 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
Avg age of principal operator	59.1	all livestock (\$1,000)	18,063
Hogs and pigs inventory (head)	778	Production expenses (\$1,000)	40,465

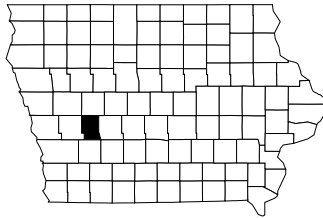
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	29,500	47T
Beef cows	15,700	13
Milk cows	200	38T

### Crops – 2018 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)	(NA)
Soybeans	47,300	47,000	45.9	2,157	91
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	9,340	2.75	25,900	16
Other hay	(NA)	13,600	1.95	26,200	1

# 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
Avg age of principal operator	59.7	all livestock (\$1,000)	146,513
Hogs and pigs inventory (head)	266,358	Production expenses (\$1,000)	226,645

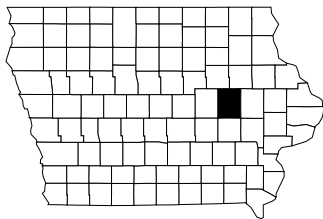
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	29,500	47T
Beef cows	7,100	44T
Milk cows	(D)	(NA)

### Crops – 2018 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	111,500	109,900	179.4	19,715	69
Soybeans	92,100	91,600	51.6	4,724	60
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	3,370	3.20	10,700	22
Other hay	(NA)	1,600	2.25	3,570	11

# 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
Avg age of principal operator	58.4	all livestock (\$1,000)	129,349
Hogs and pigs inventory (head)	254,733	Production expenses (\$1,000)	279,897

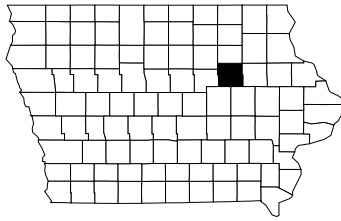
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	36,500	32
Beef cows	12,000	26T
Milk cows	4,400	12

### Crops – 2018 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	191,500	185,700	214.5	39,837	7
Soybeans	154,500	153,500	61.0	9,361	5
Oats	1,700	690	65.5	45.2	5T
Alfalfa Hay	(NA)	(D)	(D)	(D)	(NA)
Other Hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	58.8	all livestock (\$1,000)	99,516
Hogs and pigs inventory (head)	249,700	Production expenses (\$1,000)	223,882

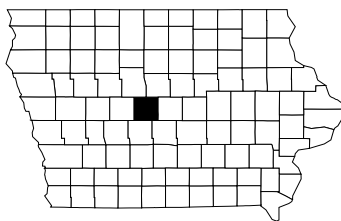
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	16,800	78
Beef cows	3,800	62
Milk cows	900	27T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	146,500	143,000	206.3	29,501	43
Soybeans	93,900	93,200	59.6	5,556	49
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## BOONE COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	315,061	Market value of:	
Number of farms	967	all farm products (\$1,000)	218,354
Average farm size (acres)	326	all crops (\$1,000)	161,299
Avg age of principal operator	60.3	all livestock (\$1,000)	57,055
Hogs and pigs inventory (head)	144,977	Production expenses (\$1,000)	181,842

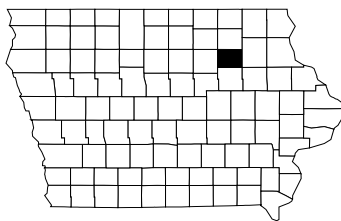
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	14,400	84
Beef cows	4,100	59T
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	154,500	153,000	193.7	29,632	41
Soybeans	111,500	110,700	55.7	6,170	34
Oats	700	140	57.9	8.10	30
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	3,300	3.35	11,100	20
Other hay	(NA)	1,220	1.40	1,680	21

## 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
Avg age of principal operator	57.2	all livestock (\$1,000)	93,345
Hogs and pigs inventory (head)	144,423	Production expenses (\$1,000)	190,520

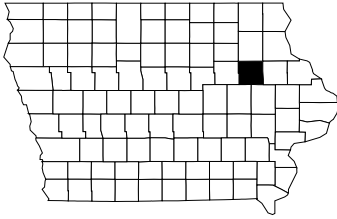
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	25,000	61T
Beef cows	4,300	57
Milk cows	2,700	16

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	124,000	120,400	212.4	25,570	50
Soybeans	68,700	68,000	56.9	3,872	76
Oats	1,000	340	80.3	27.3	13
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	55.9	all livestock (\$1,000)	179,905
Hogs and pigs inventory (head)	367,983	Production expenses (\$1,000)	282,694

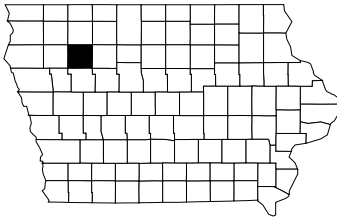
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	22,500	67
Beef cows	4,800	55
Milk cows	2,200	17T

### Crops – 2018 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	189,500	185,600	207.1	38,443	11
Soybeans	83,100	82,700	57.8	4,783	59
Oats	1,100	540	61.1	33.0	9
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	59.3	all livestock (\$1,000)	360,236
Hogs and pigs inventory (head)	348,357	Production expenses (\$1,000)	406,368

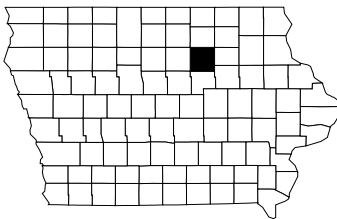
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	25,000	61T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 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	164,000	162,000	193.1	31,288	32
Soybeans	144,500	143,300	56.5	8,099	13
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## BUTLER COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	359,246	Market value of:	
Number of farms	1,074	all farm products (\$1,000)	291,478
Average farm size (acres)	334	all crops (\$1,000)	182,959
Avg age of principal operator	60.8	all livestock (\$1,000)	108,519
Hogs and pigs inventory (head)	285,141	Production expenses (\$1,000)	256,557

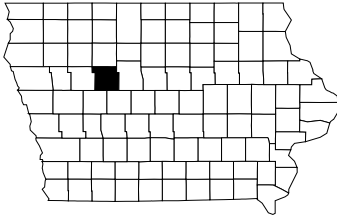
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	24,500	63T
Beef cows	7,700	42
Milk cows	1,600	22T

### Crops – 2018 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	165,500	163,600	211.3	34,575	19
Soybeans	106,000	105,100	56.8	5,965	42
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## CALHOUN COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	351,082	Market value of:	
Number of farms	813	all farm products (\$1,000)	321,580
Average farm size (acres)	432	all crops (\$1,000)	176,368
Avg age of principal operator	59.3	all livestock (\$1,000)	145,213
Hogs and pigs inventory (head)	316,204	Production expenses (\$1,000)	250,238

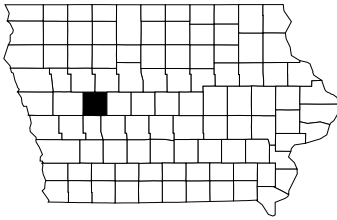
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	19,400	75T
Beef cows	5,800	47T
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	172,000	171,200	193.3	33,087	24
Soybeans	141,500	140,000	53.3	7,466	20
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## CARROLL COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	348,944	Market value of:	
Number of farms	1,074	all farm products (\$1,000)	572,966
Average farm size (acres)	325	all crops (\$1,000)	178,324
Avg age of principal operator	57.7	all livestock (\$1,000)	394,642
Hogs and pigs inventory (head)	749,482	Production expenses (\$1,000)	459,067

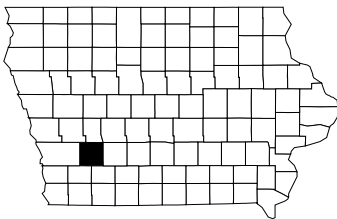
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	60,000	16
Beef cows	10,800	31
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	183,000	180,600	208.5	37,653	13
Soybeans	114,500	113,600	60.4	6,864	28
Oats	500	200	61.5	12.3	23
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## CASS COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	284,752	Market value of:	
Number of farms	643	all farm products (\$1,000)	203,358
Average farm size (acres)	443	all crops (\$1,000)	115,787
Avg age of principal operator	58.7	all livestock (\$1,000)	87,571
Hogs and pigs inventory (head)	35,525	Production expenses (\$1,000)	166,538

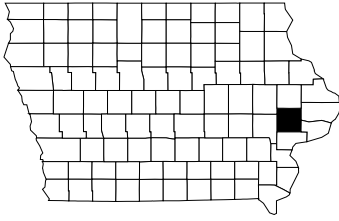
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	41,500	25T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	128,000	125,400	169.7	21,276	65
Soybeans	122,000	121,400	53.5	6,500	30
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## CEDAR COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	340,387	Market value of:	
Number of farms	933	all farm products (\$1,000)	321,521
Average farm size (acres)	365	all crops (\$1,000)	187,999
Avg age of principal operator	59.2	all livestock (\$1,000)	133,522
Hogs and pigs inventory (head)	362,144	Production expenses (\$1,000)	262,170

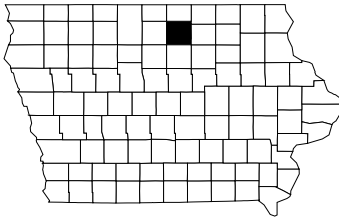
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	24,000	65
Beef cows	8,500	40
Milk cows	200	38T

### Crops – 2018 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	154,500	152,000	222.2	33,767	22
Soybeans	119,500	119,000	64.6	7,692	17
Oats	900	150	60.7	9.10	27
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## CERRO GORDO COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	319,791	Market value of:	
Number of farms	760	all farm products (\$1,000)	226,637
Average farm size (acres)	421	all crops (\$1,000)	168,979
Avg age of principal operator	58.4	all livestock (\$1,000)	57,659
Hogs and pigs inventory (head)	124,086	Production expenses (\$1,000)	198,630

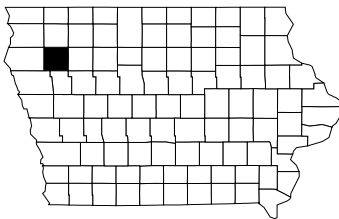
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	9,600	90
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 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	162,500	161,000	184.3	29,678	40
Soybeans	116,000	115,100	52.9	6,084	38
Oats	600	80	75.0	6.00	34T
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## CHEROKEE COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	338,678	Market value of:	
Number of farms	863	all farm products (\$1,000)	387,127
Average farm size (acres)	392	all crops (\$1,000)	162,071
Avg age of principal operator	57.0	all livestock (\$1,000)	225,056
Hogs and pigs inventory (head)	259,035	Production expenses (\$1,000)	305,010

### Cattle – January 1, 2019

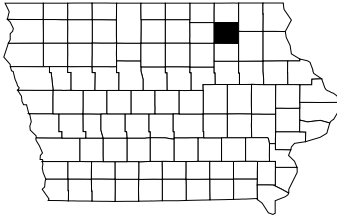
	Number of head	Rank in state
All cattle and calves	66,000	15
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 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	143,300	213.4	30,575	34
Soybeans	135,000	133,800	65.5	8,767	11
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)



# CHICKASAW COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	293,096	Market value of:	
Number of farms	973	all farm products (\$1,000)	302,967
Average farm size (acres)	301	all crops (\$1,000)	148,092
Avg age of principal operator	56.1	all livestock (\$1,000)	154,876
Hogs and pigs inventory (head)	243,825	Production expenses (\$1,000)	252,058

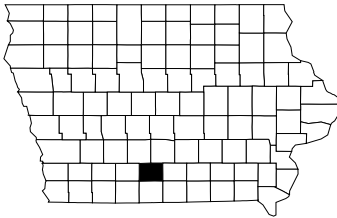
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	34,500	34
Beef cows	6,100	46
Milk cows	2,200	17T

### Crops – 2018 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	143,700	193.0	27,732	45
Soybeans	89,600	88,700	52.8	4,687	61
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

# 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
Avg age of principal operator	58.7	all livestock (\$1,000)	101,826
Hogs and pigs inventory (head)	134,081	Production expenses (\$1,000)	115,913

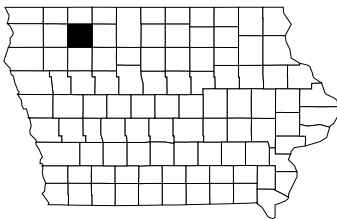
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	35,500	33
Beef cows	17,000	8
Milk cows	(D)	(NA)

### Crops – 2018 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	32,900	29,900	161.9	4,841	92
Soybeans	39,000	38,800	48.7	1,890	93
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	13,300	3.10	41,100	8T
Other hay	(NA)	(D)	(D)	(D)	(NA)

# CLAY COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	329,109	Market value of:	
Number of farms	716	all farm products (\$1,000)	348,722
Average farm size (acres)	460	all crops (\$1,000)	163,609
Avg age of principal operator	59.6	all livestock (\$1,000)	185,113
Hogs and pigs inventory (head)	234,766	Production expenses (\$1,000)	273,578

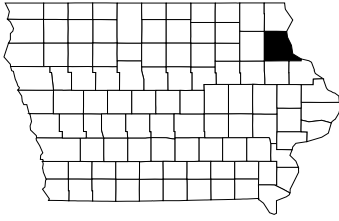
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	29,500	47T
Beef cows	5,200	51
Milk cows	(D)	(NA)

### Crops – 2018 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	145,500	142,300	158.7	22,584	59
Soybeans	129,500	128,600	53.6	6,889	27
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	1,270	3.05	3,850	30
Other hay	(NA)	(D)	(D)	(D)	(NA)

## CLAYTON COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	412,655	Market value of:	
Number of farms	1,525	all farm products (\$1,000)	364,249
Average farm size (acres)	271	all crops (\$1,000)	142,507
Avg age of principal operator	57.5	all livestock (\$1,000)	221,742
Hogs and pigs inventory (head)	280,418	Production expenses (\$1,000)	284,535

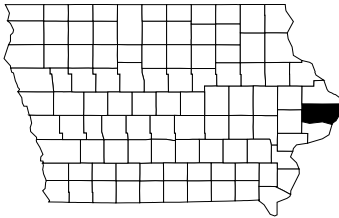
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	73,000	9T
Beef cows	19,100	5
Milk cows	11,700	5

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	149,000	140,300	201.6	28,282	44
Soybeans	59,500	59,200	60.2	3,562	81
Oats	6,100	1,300	59.2	76.9	2
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	19,400	4.25	82,000	5
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	57.0	all livestock (\$1,000)	129,472
Hogs and pigs inventory (head)	57,689	Production expenses (\$1,000)	282,716

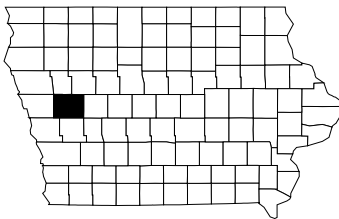
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	70,000	11
Beef cows	15,900	10T
Milk cows	3,600	14

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	190,500	186,800	210.8	39,382	9
Soybeans	120,000	119,500	59.6	7,118	24
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	57.9	all livestock (\$1,000)	178,914
Hogs and pigs inventory (head)	297,586	Production expenses (\$1,000)	322,849

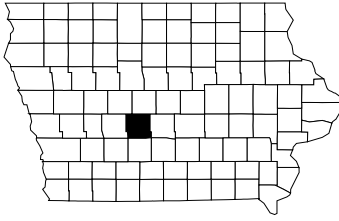
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	54,000	18
Beef cows	18,900	6
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	201,500	198,500	214.1	42,497	4
Soybeans	147,500	146,700	62.4	9,151	6
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## DALLAS COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	293,435	Market value of:	
Number of farms	924	all farm products (\$1,000)	237,641
Average farm size (acres)	318	all crops (\$1,000)	143,768
Avg age of principal operator	59.1	all livestock (\$1,000)	93,873
Hogs and pigs inventory (head)	102,435	Production expenses (\$1,000)	192,277

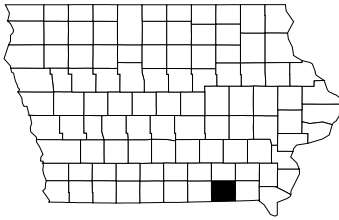
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	22,000	68T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	132,000	130,300	174.0	22,673	58
Soybeans	103,500	102,000	54.0	5,505	50
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	1,490	1.85	2,760	14

## 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
Avg age of principal operator	54.6	all livestock (\$1,000)	63,447
Hogs and pigs inventory (head)	126,064	Production expenses (\$1,000)	84,800

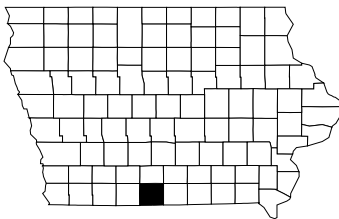
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	30,000	46
Beef cows	15,200	15
Milk cows	2,100	19T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	53,100	52,700	51.1	2,692	89
Oats	1,700	140	60.0	8.40	29
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	17,300	2.50	43,300	7
Other hay	(NA)	(D)	(D)	(D)	(NA)

## DECATUR COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	236,134	Market value of:	
Number of farms	659	all farm products (\$1,000)	103,377
Average farm size (acres)	358	all crops (\$1,000)	35,812
Avg age of principal operator	58.3	all livestock (\$1,000)	67,565
Hogs and pigs inventory (head)	85,939	Production expenses (\$1,000)	98,094

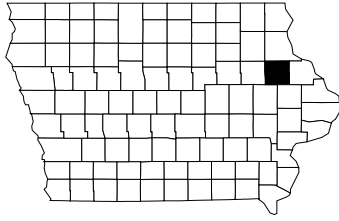
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	45,500	24
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	34,200	33,000	172.6	5,697	91
Soybeans	44,600	44,000	48.8	2,148	92
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## DELAWARE COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	364,645	Market value of:	
Number of farms	1,331	all farm products (\$1,000)	534,550
Average farm size (acres)	274	all crops (\$1,000)	188,158
Avg age of principal operator	55.3	all livestock (\$1,000)	346,393
Hogs and pigs inventory (head)	364,768	Production expenses (\$1,000)	423,403

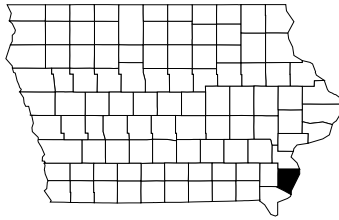
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	120,000	4
Beef cows	13,500	20
Milk cows	8,800	7

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	189,500	180,500	224.8	40,570	6
Soybeans	63,700	63,400	65.3	4,142	75
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## DES MOINES COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	174,662	Market value of:	
Number of farms	593	all farm products (\$1,000)	108,305
Average farm size (acres)	295	all crops (\$1,000)	87,473
Avg age of principal operator	60.5	all livestock (\$1,000)	20,832
Hogs and pigs inventory (head)	35,210	Production expenses (\$1,000)	87,023

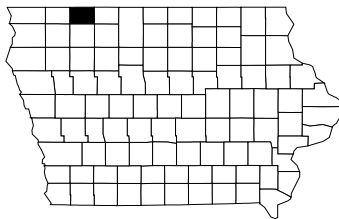
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	7,500	95
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	70,500	69,600	195.6	13,616	82
Soybeans	69,200	68,900	64.9	4,473	65
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	3,130	3.40	10,600	23
Other hay	(NA)	(D)	(D)	(D)	(NA)

## DICKINSON COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	187,273	Market value of:	
Number of farms	411	all farm products (\$1,000)	179,276
Average farm size (acres)	456	all crops (\$1,000)	88,291
Avg age of principal operator	59.5	all livestock (\$1,000)	90,985
Hogs and pigs inventory (head)	101,992	Production expenses (\$1,000)	138,042

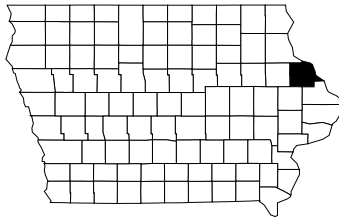
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	21,500	70
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	90,000	87,100	160.4	13,975	79
Soybeans	86,700	85,800	50.7	4,350	71
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## DUBUQUE COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	313,476	Market value of:	
Number of farms	1,402	all farm products (\$1,000)	440,085
Average farm size (acres)	224	all crops (\$1,000)	128,304
Avg age of principal operator	54.9	all livestock (\$1,000)	311,781
Hogs and pigs inventory (head)	140,922	Production expenses (\$1,000)	350,245

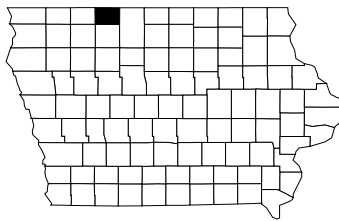
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	130,000	3
Beef cows	14,800	16
Milk cows	22,000	2

### Crops – 2018 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	141,900	211.9	30,070	38
Soybeans	41,400	41,200	63.4	2,613	90
Oats	6,100	780	62.9	49.1	3
Alfalfa hay	(NA)	25,700	4.50	116,100	1
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	59.5	all livestock (\$1,000)	117,668
Hogs and pigs inventory (head)	146,105	Production expenses (\$1,000)	197,483

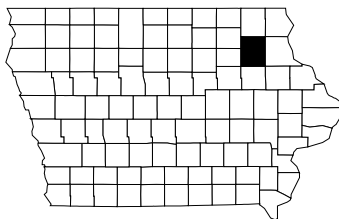
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	15,800	80T
Beef cows	5,800	47T
Milk cows	(D)	(NA)

### Crops – 2018 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	108,800	155.8	16,955	72
Soybeans	90,800	88,800	47.5	4,222	73
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	1,140	3.50	3,980	29
Other hay	(NA)	1,000	2.85	2,870	13

## 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
Avg age of principal operator	58.7	all livestock (\$1,000)	201,069
Hogs and pigs inventory (head)	232,096	Production expenses (\$1,000)	299,289

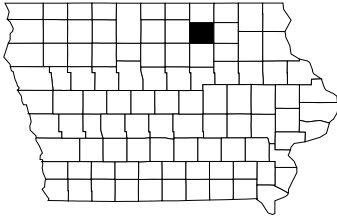
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	48,500	21
Beef cows	9,700	34
Milk cows	6,000	9

### Crops – 2018 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	191,500	186,100	200.1	37,243	15
Soybeans	110,000	109,400	58.2	6,370	33
Oats	3,200	330	54.8	18.1	17
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	56.7	all livestock (\$1,000)	126,165
Hogs and pigs inventory (head)	237,115	Production expenses (\$1,000)	229,654

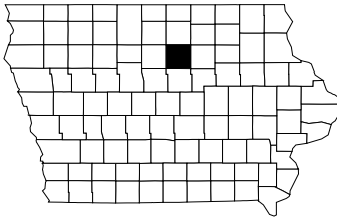
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	25,500	59T
Beef cows	4,200	58
Milk cows	1,600	22T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	141,000	136,800	184.3	25,212	53
Soybeans	97,200	96,700	50.8	4,912	56
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	820	1.55	1,280	25

## 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
Avg age of principal operator	59.5	all livestock (\$1,000)	191,702
Hogs and pigs inventory (head)	443,716	Production expenses (\$1,000)	319,976

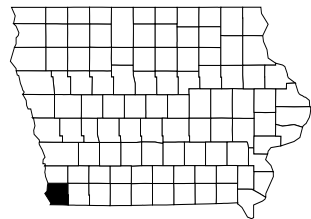
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	10,200	89
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	203,000	194,700	204.1	39,747	8
Soybeans	110,000	109,000	59.9	6,528	29
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## FREMONT COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	274,248	Market value of:	
Number of farms	527	all farm products (\$1,000)	150,747
Average farm size (acres)	520	all crops (\$1,000)	130,776
Avg age of principal operator	59.4	all livestock (\$1,000)	19,970
Hogs and pigs inventory (head)	8,762	Production expenses (\$1,000)	115,618

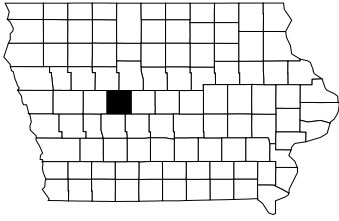
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	13,400	85
Beef cows	3,700	63
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	116,500	113,900	195.2	22,233	61
Soybeans	113,000	111,700	51.5	5,755	43
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	1,410	1.35	1,900	20

## 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
Avg age of principal operator	59.4	all livestock (\$1,000)	124,957
Hogs and pigs inventory (head)	317,646	Production expenses (\$1,000)	246,845

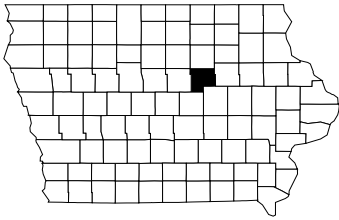
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	19,400	75T
Beef cows	4,900	54
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	166,500	165,300	201.4	33,291	23
Soybeans	129,500	128,300	57.0	7,316	22
Oats	600	190	34.7	6.60	32
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	59.7	all livestock (\$1,000)	77,983
Hogs and pigs inventory (head)	153,291	Production expenses (\$1,000)	225,148

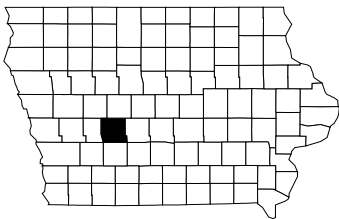
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	28,000	54
Beef cows	4,100	59T
Milk cows	600	30T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	158,500	156,800	225.2	35,317	18
Soybeans	125,000	124,000	63.3	7,844	16
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## GUTHRIE COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	332,211	Market value of:	
Number of farms	802	all farm products (\$1,000)	227,093
Average farm size (acres)	414	all crops (\$1,000)	123,915
Avg age of principal operator	59.4	all livestock (\$1,000)	103,178
Hogs and pigs inventory (head)	69,856	Production expenses (\$1,000)	179,698

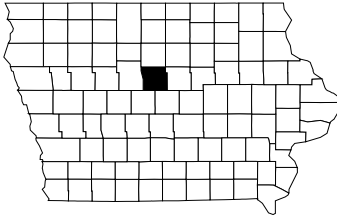
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	31,500	41T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	107,000	105,100	192.3	20,208	67
Soybeans	94,700	94,200	52.4	4,938	55
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

# HAMILTON COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	315,307	Market value of:	
Number of farms	732	all farm products (\$1,000)	586,788
Average farm size (acres)	431	all crops (\$1,000)	168,467
Avg age of principal operator	59.0	all livestock (\$1,000)	418,321
Hogs and pigs inventory (head)	1,011,344	Production expenses (\$1,000)	466,023

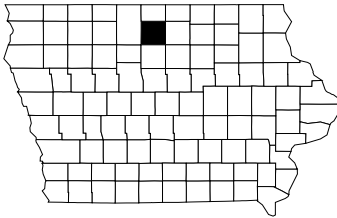
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	2,600	99
Beef cows	1,500	70
Milk cows	200	38T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	192,500	190,800	189.0	36,053	17
Soybeans	117,000	115,900	49.5	5,742	44
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	1,190	3.45	4,100	28
Other hay	(NA)	760	2.00	1,530	23

# 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
Avg age of principal operator	60.4	all livestock (\$1,000)	233,646
Hogs and pigs inventory (head)	415,853	Production expenses (\$1,000)	344,933

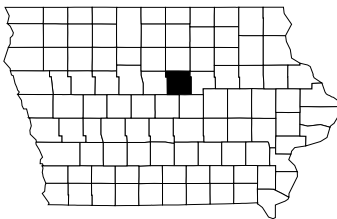
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	9,400	91
Beef cows	2,700	65T
Milk cows	200	38T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	184,500	182,200	176.7	32,187	26
Soybeans	122,500	121,400	52.8	6,412	32
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

# HARDIN COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	336,611	Market value of:	
Number of farms	837	all farm products (\$1,000)	484,609
Average farm size (acres)	402	all crops (\$1,000)	189,174
Avg age of principal operator	58.8	all livestock (\$1,000)	295,435
Hogs and pigs inventory (head)	628,945	Production expenses (\$1,000)	384,956

### Cattle – January 1, 2019

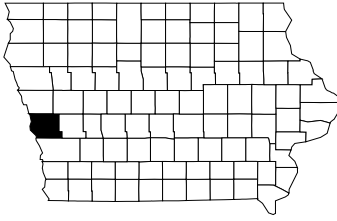
	Number of head	Rank in state
All cattle and calves	37,000	31
Beef cows	9,200	36
Milk cows	100	47T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	183,500	180,800	216.6	39,165	10
Soybeans	102,500	101,800	60.6	6,169	35
Oats	500	160	70.0	11.2	24
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)



# HARRISON COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	379,592	Market value of:	
Number of farms	794	all farm products (\$1,000)	216,201
Average farm size (acres)	478	all crops (\$1,000)	175,304
Avg age of principal operator	58.3	all livestock (\$1,000)	40,897
Hogs and pigs inventory (head)	42,988	Production expenses (\$1,000)	184,092

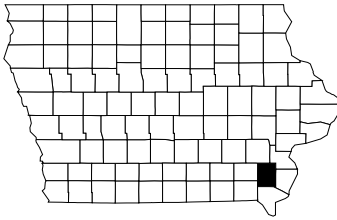
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	26,500	56
Beef cows	10,300	32
Milk cows	(D)	(NA)

### Crops – 2018 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	171,900	176.1	30,273	37
Soybeans	136,000	135,100	53.9	7,278	23
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

# HENRY COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	261,841	Market value of:	
Number of farms	908	all farm products (\$1,000)	177,825
Average farm size (acres)	288	all crops (\$1,000)	104,539
Avg age of principal operator	60.9	all livestock (\$1,000)	73,286
Hogs and pigs inventory (head)	149,282	Production expenses (\$1,000)	138,102

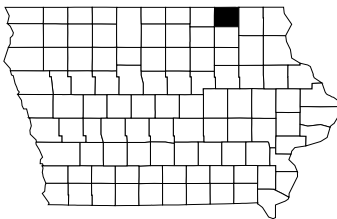
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	17,200	77
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 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	81,100	80,000	189.7	15,175	75
Soybeans	68,100	67,800	63.4	4,299	72
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	1,940	1.95	3,810	10

# 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
Avg age of principal operator	57.0	all livestock (\$1,000)	136,590
Hogs and pigs inventory (head)	319,079	Production expenses (\$1,000)	235,227

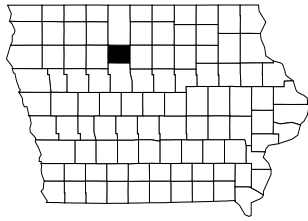
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	33,000	36T
Beef cows	5,000	52T
Milk cows	3,200	15

### Crops – 2018 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	131,000	127,000	185.5	23,554	55
Soybeans	87,600	87,200	55.5	4,837	58
Oats	1,600	660	40.6	26.8	14
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

# HUMBOLDT COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	239,534	Market value of:	
Number of farms	572	all farm products (\$1,000)	180,894
Average farm size (acres)	419	all crops (\$1,000)	125,501
Avg age of principal operator	58.3	all livestock (\$1,000)	55,393
Hogs and pigs inventory (head)	129,013	Production expenses (\$1,000)	140,142

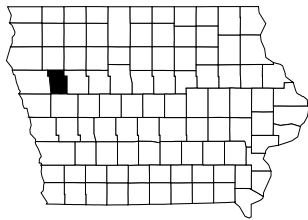
## Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	11,300	87T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

## Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	136,500	132,400	162.2	21,469	63
Soybeans	103,000	101,000	50.8	5,134	53
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	780	4.20	3,260	31
Other hay	(NA)	510	2.00	1,020	26

# 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
Avg age of principal operator	57.8	all livestock (\$1,000)	81,787
Hogs and pigs inventory (head)	58,731	Production expenses (\$1,000)	187,294

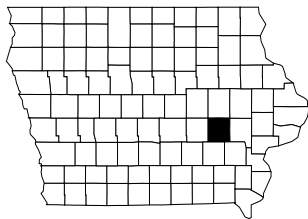
## Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	49,500	20
Beef cows	8,100	41
Milk cows	1,400	25

## Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	124,000	119,600	222.3	26,591	48
Soybeans	98,700	98,200	65.3	6,413	31
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	820	2.75	2,270	16

# 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
Avg age of principal operator	59.9	all livestock (\$1,000)	87,492
Hogs and pigs inventory (head)	127,817	Production expenses (\$1,000)	189,877

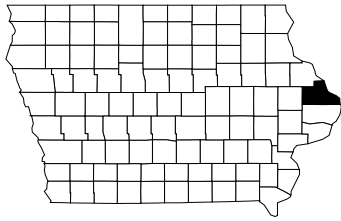
## Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	39,000	30
Beef cows	13,900	18
Milk cows	200	38T

## Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	125,500	123,600	211.7	26,166	49
Soybeans	97,600	96,000	57.2	5,490	51
Oats	1,900	590	76.6	45.2	5T
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## JACKSON COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	315,748	Market value of:	
Number of farms	1,107	all farm products (\$1,000)	264,062
Average farm size (acres)	285	all crops (\$1,000)	99,043
Avg age of principal operator	57.8	all livestock (\$1,000)	165,020
Hogs and pigs inventory (head)	51,628	Production expenses (\$1,000)	218,676

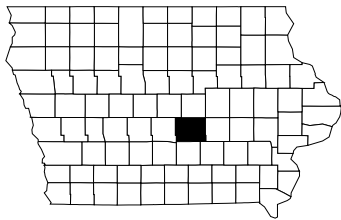
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	98,000	6
Beef cows	24,500	2
Milk cows	4,500	11

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	121,500	116,100	202.3	23,486	56
Soybeans	51,700	51,500	59.3	3,054	85
Oats	5,100	880	52.5	46.2	4
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	24,300	4.45	107,600	2
Other hay	(NA)	(D)	(D)	(D)	(NA)

## JASPER COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	378,175	Market value of:	
Number of farms	986	all farm products (\$1,000)	252,805
Average farm size (acres)	384	all crops (\$1,000)	178,754
Avg age of principal operator	58.9	all livestock (\$1,000)	74,051
Hogs and pigs inventory (head)	181,587	Production expenses (\$1,000)	198,119

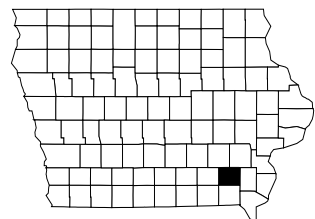
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	25,500	59T
Beef cows	9,100	37T
Milk cows	400	34T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	173,500	171,900	218.7	37,600	14
Soybeans	143,500	142,300	62.0	8,819	9
Oats	1,300	110	54.5	6.00	34T
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## JEFFERSON COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	205,904	Market value of:	
Number of farms	636	all farm products (\$1,000)	108,568
Average farm size (acres)	324	all crops (\$1,000)	67,941
Avg age of principal operator	60.4	all livestock (\$1,000)	40,627
Hogs and pigs inventory (head)	82,713	Production expenses (\$1,000)	95,045

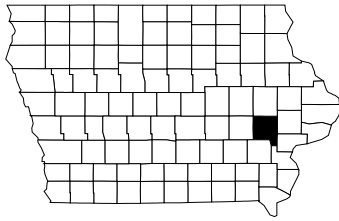
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	13,200	86
Beef cows	5,000	52T
Milk cows	200	38T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	71,600	70,100	199.0	13,948	80
Soybeans	69,700	69,100	63.1	4,362	70
Oats	900	110	53.6	5.90	36
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	3,500	1.75	6,100	7

## 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
Avg age of principal operator	58.8	all livestock (\$1,000)	76,268
Hogs and pigs inventory (head)	90,685	Production expenses (\$1,000)	178,333

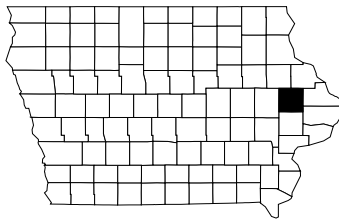
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	29,000	51
Beef cows	11,400	30
Milk cows	1,800	21

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	107,000	105,100	212.3	22,310	60
Soybeans	92,200	91,000	61.2	5,570	48
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	57.8	all livestock (\$1,000)	131,523
Hogs and pigs inventory (head)	108,671	Production expenses (\$1,000)	235,828

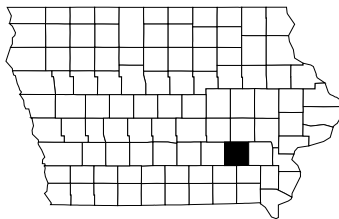
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	67,000	13T
Beef cows	16,500	9
Milk cows	1,500	24

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	153,000	149,400	208.8	31,188	33
Soybeans	72,800	72,400	61.4	4,442	67
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	3,230	2.70	8,800	6

## 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
Avg age of principal operator	58.5	all livestock (\$1,000)	103,737
Hogs and pigs inventory (head)	231,654	Production expenses (\$1,000)	168,678

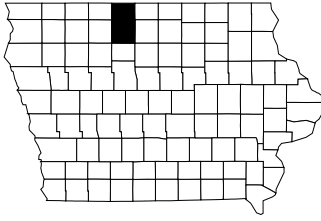
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	29,500	47T
Beef cows	13,300	21
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	119,000	117,500	203.8	23,951	54
Soybeans	105,000	103,500	58.8	6,082	39
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	6,750	4.00	26,900	15
Other hay	(NA)	(D)	(D)	(D)	(NA)

# KOSSUTH COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	593,983	Market value of:	
Number of farms	1,347	all farm products (\$1,000)	588,054
Average farm size (acres)	441	all crops (\$1,000)	319,352
Avg age of principal operator	57.0	all livestock (\$1,000)	268,702
Hogs and pigs inventory (head)	596,118	Production expenses (\$1,000)	467,587

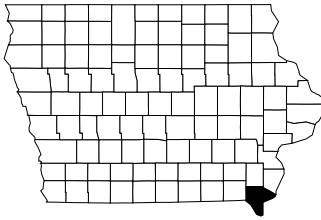
## Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	26,000	57T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

## Crops – 2018 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	304,000	297,000	180.0	53,447	1
Soybeans	222,000	221,000	55.5	12,265	2
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

# LEE COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	220,410	Market value of:	
Number of farms	837	all farm products (\$1,000)	122,691
Average farm size (acres)	263	all crops (\$1,000)	75,179
Avg age of principal operator	58.9	all livestock (\$1,000)	47,513
Hogs and pigs inventory (head)	98,127	Production expenses (\$1,000)	103,905

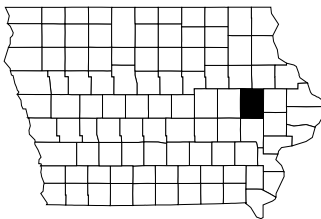
## Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	19,900	73T
Beef cows	8,700	39
Milk cows	600	30T

## Crops – 2018 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	74,400	72,000	201.5	14,508	77
Soybeans	71,400	71,000	65.9	4,679	62
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	4,600	4.00	18,300	18
Other hay	(NA)	(D)	(D)	(D)	(NA)

# LINN COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	324,507	Market value of:	
Number of farms	1,374	all farm products (\$1,000)	218,760
Average farm size (acres)	236	all crops (\$1,000)	161,954
Avg age of principal operator	58.7	all livestock (\$1,000)	56,806
Hogs and pigs inventory (head)	67,026	Production expenses (\$1,000)	187,423

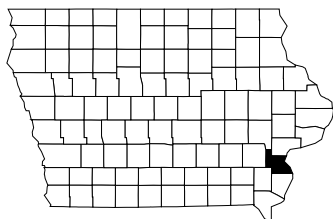
## Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	31,000	43T
Beef cows	12,900	23
Milk cows	1,200	26

## Crops – 2018 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	151,000	148,800	215.3	32,033	27
Soybeans	105,000	104,500	58.9	6,153	36
Oats	1,200	530	55.1	29.2	12
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	59.7	all livestock (\$1,000)	112,447
Hogs and pigs inventory (head)	272,771	Production expenses (\$1,000)	150,501

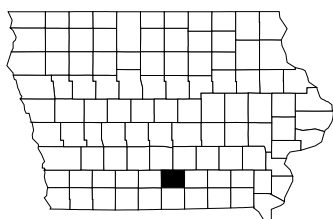
### Cattle – January 1, 2019

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

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	80,200	79,100	196.5	15,542	73
Soybeans	71,000	70,700	59.1	4,178	74
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	2,090	3.90	8,100	24
Other hay	(NA)	(D)	(D)	(D)	(NA)

## LUCAS COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	175,437	Market value of:	
Number of farms	567	all farm products (\$1,000)	50,113
Average farm size (acres)	309	all crops (\$1,000)	22,710
Avg age of principal operator	58.0	all livestock (\$1,000)	27,403
Hogs and pigs inventory (head)	44,499	Production expenses (\$1,000)	51,154

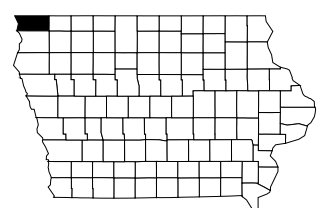
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	32,500	38T
Beef cows	18,200	7
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	39,300	39,000	42.3	1,648	95
Oats	1,500	260	56.5	14.7	20
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	9,500	2.15	20,600	2

## 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
Avg age of principal operator	53.9	all livestock (\$1,000)	733,050
Hogs and pigs inventory (head)	1,072,839	Production expenses (\$1,000)	711,796

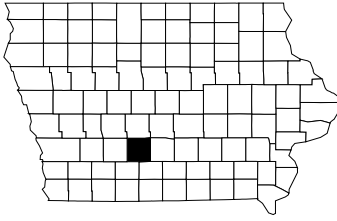
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	190,000	2
Beef cows	13,800	19
Milk cows	10,300	6

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	184,500	164,800	193.1	31,815	29
Soybeans	125,000	124,000	61.2	7,591	19
Oats	900	360	88.3	31.8	10
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	4,490	4.80	21,500	17
Other hay	(NA)	(D)	(D)	(D)	(D)

## MADISON COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	271,017	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
Avg age of principal operator	57.7	all livestock (\$1,000)	47,712
Hogs and pigs inventory (head)	29,409	Production expenses (\$1,000)	108,411

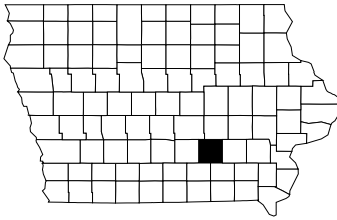
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	28,500	52T
Beef cows	15,900	10T
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	70,000	68,900	167.4	11,537	85
Soybeans	69,000	68,100	51.8	3,525	82
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## MAHASKA COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	311,136	Market value of:	
Number of farms	943	all farm products (\$1,000)	280,738
Average farm size (acres)	330	all crops (\$1,000)	121,758
Avg age of principal operator	58.1	all livestock (\$1,000)	158,980
Hogs and pigs inventory (head)	326,421	Production expenses (\$1,000)	232,550

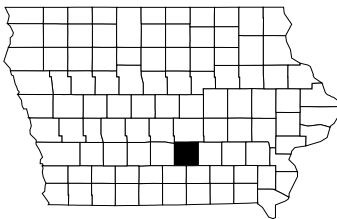
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	31,500	41T
Beef cows	9,400	35
Milk cows	200	38T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	131,000	129,000	207.9	26,820	47
Soybeans	103,000	99,100	60.8	6,023	41
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## MARION COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	255,013	Market value of:	
Number of farms	1,030	all farm products (\$1,000)	110,599
Average farm size (acres)	248	all crops (\$1,000)	84,162
Avg age of principal operator	58.7	all livestock (\$1,000)	26,437
Hogs and pigs inventory (head)	29,260	Production expenses (\$1,000)	100,469

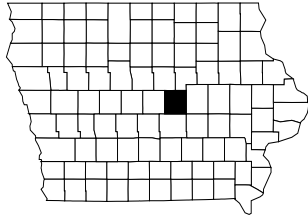
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	27,000	55
Beef cows	11,500	29
Milk cows	400	34T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	76,300	73,100	190.1	13,899	81
Soybeans	74,600	74,000	59.3	4,389	69
Oats	2,100	350	66.9	23.4	15
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

# MARSHALL COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	316,451	Market value of:	
Number of farms	886	all farm products (\$1,000)	266,035
Average farm size (acres)	357	all crops (\$1,000)	175,281
Avg age of principal operator	58.7	all livestock (\$1,000)	90,754
Hogs and pigs inventory (head)	177,646	Production expenses (\$1,000)	222,052

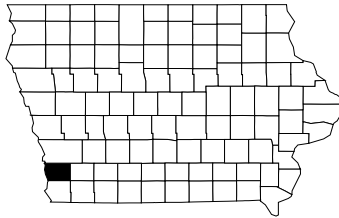
## Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	32,000	40
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

## Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	152,500	149,900	226.0	33,872	21
Soybeans	121,000	120,200	63.3	7,606	18
Oats	(D)	(D)	(D)	(D)	(D)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	1,810	2.50	4,510	9

# 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
Avg age of principal operator	60.6	all livestock (\$1,000)	2,123
hogs and pigs inventory (head)	718	production expenses (\$1,000)	78,173

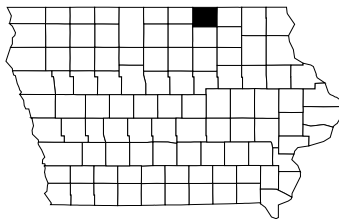
## Cattle – January 1, 2019

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

## Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	2,630	4.15	10,900	21
Other hay	(NA)	(D)	(D)	(D)	(NA)

# MITCHELL COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	289,250	Market value of:	
Number of farms	789	all farm products (\$1,000)	315,910
Average farm size (acres)	367	all crops (\$1,000)	150,772
Avg age of principal operator	55.1	all livestock (\$1,000)	165,138
Hogs and pigs inventory (head)	193,229	Production expenses (\$1,000)	255,246

## Cattle – January 1, 2019

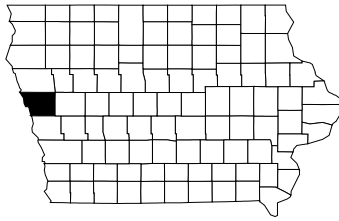
	Number of head	Rank in state
All cattle and calves	56,000	17
Beef cows	5,300	50
Milk cows	3,800	13

## Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	146,500	140,000	193.4	27,075	46
Soybeans	90,400	89,600	56.9	5,097	54
Oats	900	280	62.1	17.4	18T
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)



## MONONA COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	333,858	Market value of:	
Number of farms	619	all farm products (\$1,000)	192,626
Average farm size (acres)	539	all crops (\$1,000)	154,271
Avg age of principal operator	60.9	all livestock (\$1,000)	38,355
Hogs and pigs inventory (head)	25,518	Production expenses (\$1,000)	160,392

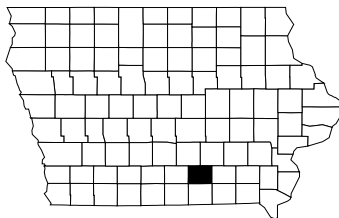
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	26,000	57T
Beef cows	7,200	43
Milk cows	(D)	(NA)

### Crops – 2018 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	165,400	181.5	30,017	39
Soybeans	141,000	139,400	56.6	7,892	15
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	1,100	1.45	1,600	22

## 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
Avg age of principal operator	57.9	all livestock (\$1,000)	32,038
Hogs and pigs inventory (head)	29,401	Production expenses (\$1,000)	55,259

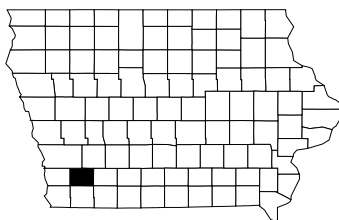
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	32,500	38T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 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	28,000	26,100	167.0	4,359	93
Soybeans	30,800	30,500	51.3	1,565	96
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	10,100	3.05	31,000	10
Other hay	(NA)	8,150	2.20	18,100	4

## 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
Avg age of principal operator	59.5	all livestock (\$1,000)	44,178
Hogs and pigs inventory (head)	33,784	Production expenses (\$1,000)	140,985

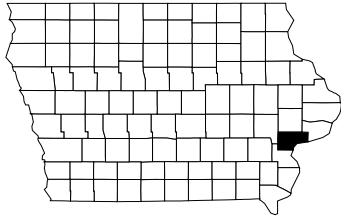
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	23,500	66
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 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	93,300	92,000	191.6	17,630	71
Soybeans	89,100	88,600	52.7	4,667	63
Oats	(D)	(D)	(D)	(D)	(NA)
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## MUSCATINE COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	219,283	Market value of:	
Number of farms	714	all farm products (\$1,000)	185,382
Average farm size (acres)	307	all crops (\$1,000)	103,356
Avg age of principal operator	59.9	all livestock (\$1,000)	82,026
Hogs and pigs inventory (head)	85,437	Production expenses (\$1,000)	145,759

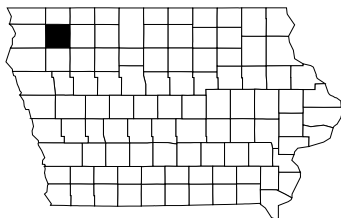
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	14,800	83
Beef cows	5,800	47T
Milk cows	100	47T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	93,000	91,000	209.5	19,060	70
Soybeans	72,900	72,600	63.0	4,574	64
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	730	3.45	2,530	15

## 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
Avg age of principal operator	57.9	all livestock (\$1,000)	323,366
Hogs and pigs inventory (head)	504,353	Production expenses (\$1,000)	405,480

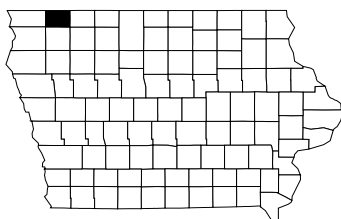
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	67,000	13T
Beef cows	7,100	44T
Milk cows	8,600	8

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	167,000	156,200	201.8	31,518	31
Soybeans	146,000	144,700	61.0	8,829	8
Oats	800	180	76.7	13.8	21
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	56.8	all livestock (\$1,000)	333,370
Hogs and pigs inventory (head)	444,795	Production expenses (\$1,000)	367,434

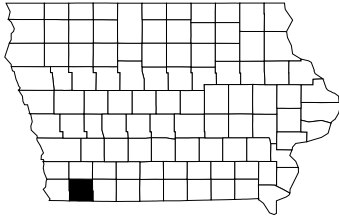
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	47,000	23
Beef cows	4,100	59T
Milk cows	5,600	10

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	116,000	112,700	180.3	20,321	66
Soybeans	105,000	103,700	58.2	6,040	40
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	700	2.15	1,510	24

## PAGE COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	325,450	Market value of:	
Number of farms	715	all farm products (\$1,000)	168,066
Average farm size (acres)	455	all crops (\$1,000)	134,674
Avg age of principal operator	58.8	all livestock (\$1,000)	33,392
Hogs and pigs inventory (head)	21,500	Production expenses (\$1,000)	131,659

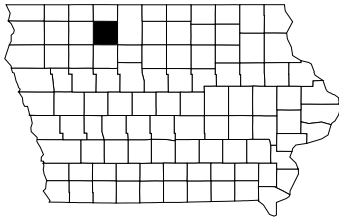
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	31,000	43T
Beef cows	12,200	25
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	115,500	114,200	188.1	21,485	62
Soybeans	109,500	109,000	51.4	5,603	47
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## PALO ALTO COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	342,027	Market value of:	
Number of farms	785	all farm products (\$1,000)	468,328
Average farm size (acres)	436	all crops (\$1,000)	182,099
Avg age of principal operator	58.4	all livestock (\$1,000)	286,229
Hogs and pigs inventory (head)	551,431	Production expenses (\$1,000)	387,788

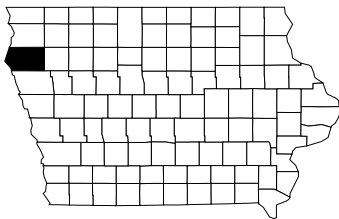
### Cattle – January 1, 2019

	Number of Head	Rank in State
All cattle and calves	24,500	63T
Beef cows	2,700	65T
Milk cows	200	38T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per Acre	Production	Rank in State
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	166,500	160,000	157.9	25,262	52
Soybeans	118,500	115,100	49.7	5,716	45
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	2,030	2.15	4,320	26
Other hay	(NA)	(D)	(D)	(D)	(NA)

## PLYMOUTH COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	503,438	Market value of:	
Number of farms	1,219	all farm products (\$1,000)	738,200
Average farm size (acres)	413	all crops (\$1,000)	250,275
Avg age of principal operator	56.3	all livestock (\$1,000)	487,925
Hogs and pigs inventory (head)	924,340	Production expenses (\$1,000)	602,507

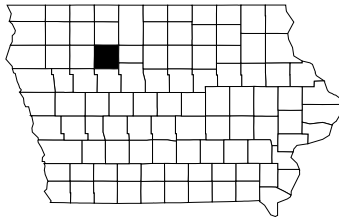
### Cattle – January 1, 2019

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

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	226,500	215,500	213.7	46,049	2
Soybeans	203,000	199,600	62.5	12,471	1
Oats	1,100	400	90.8	36.3	8
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	2,310	2.10	4,900	8

## 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
Avg age of principal operator	60.6	all livestock (\$1,000)	184,214
Hogs and pigs inventory (head)	398,820	Production expenses (\$1,000)	274,862

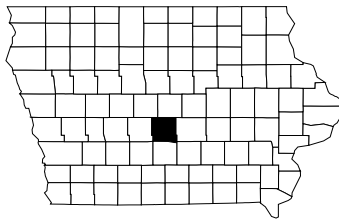
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	15,800	80T
Beef cows	1,800	69
Milk cows	2,100	19T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	179,500	176,300	179.2	31,598	30
Soybeans	147,500	146,000	50.6	7,393	21
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## POLK COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	193,780	Market value of:	
Number of farms	755	all farm products (\$1,000)	110,888
Average farm size (acres)	257	all crops (\$1,000)	97,742
Avg age of principal operator	58.9	all livestock (\$1,000)	13,147
Hogs and pigs inventory (head)	(D)	Production expenses (\$1,000)	94,523

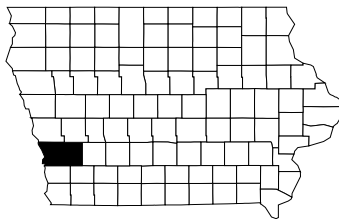
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	8,600	92
Beef cows	3,000	64
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	78,000	76,100	186.2	14,170	78
Soybeans	68,500	66,500	54.6	3,631	79
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	2,830	4.30	12,100	19
Other hay	(NA)	1,320	1.60	2,140	17

## 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
Avg age of principal operator	59.6	all livestock (\$1,000)	123,440
Hogs and pigs inventory (head)	86,266	Production expenses (\$1,000)	316,836

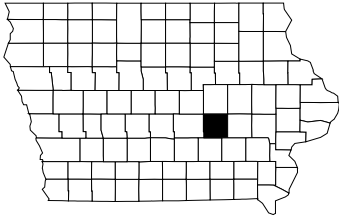
### Cattle – January 1, 2019

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

### Crops – 2018 Acreage, Yield, and Production

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

# POWESHIEK COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	339,589	Market value of:	
Number of farms	852	all farm products (\$1,000)	314,513
Average farm size (acres)	399	all crops (\$1,000)	150,792
Avg age of principal operator	59.7	all livestock (\$1,000)	163,722
Hogs and pigs inventory (head)	91,902	Production expenses (\$1,000)	249,085

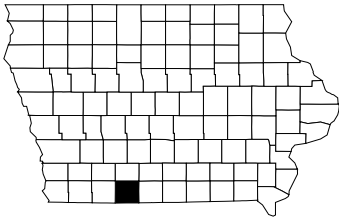
### Cattle – January 1, 2019

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

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	145,500	139,500	218.8	30,523	35
Soybeans	119,000	118,200	59.4	7,022	25
Oats	2,100	350	59.7	20.9	16
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

# RINGGOLD COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	303,198	Market value of:	
Number of farms	675	all farm products (\$1,000)	121,442
Average farm size (acres)	449	all crops (\$1,000)	50,098
Avg age of principal operator	59.5	all livestock (\$1,000)	71,344
Hogs and pigs inventory (head)	117,977	Production expenses (\$1,000)	104,297

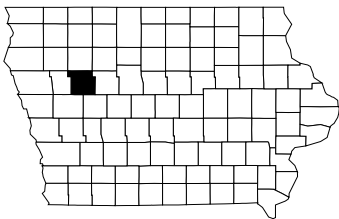
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	52,000	19
Beef cows	27,000	1
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	50,900	49,000	153.3	7,512	90
Soybeans	58,300	57,800	48.0	2,776	86
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	13,700	3.00	41,100	8
Other hay	(NA)	(D)	(D)	(D)	(NA)

# SAC COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	353,174	Market value of:	
Number of farms	889	all farm products (\$1,000)	459,462
Average farm size (acres)	397	all crops (\$1,000)	183,141
Avg age of principal operator	57.5	all livestock (\$1,000)	276,321
Hogs and pigs inventory (head)	461,600	Production expenses (\$1,000)	358,942

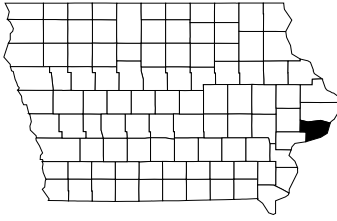
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	41,500	25T
Beef cows	9,100	37T
Milk cows	400	34T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	162,000	160,500	213.6	34,281	20
Soybeans	143,500	142,500	62.1	8,855	7
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## SCOTT COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	219,935	Market value of:	
Number of farms	684	all farm products (\$1,000)	223,771
Average farm size (acres)	322	all crops (\$1,000)	129,728
Avg age of principal operator	57.7	all livestock (\$1,000)	94,043
Hogs and pigs inventory (head)	255,837	Production expenses (\$1,000)	184,671

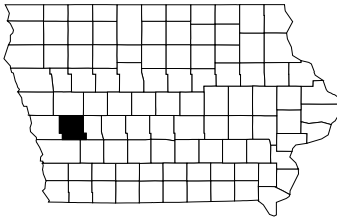
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	20,500	71T
Beef cows	4,400	56
Milk cows	500	33

### Crops – 2018 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	108,500	213.8	23,202	57
Soybeans	68,800	68,000	65.1	4,426	68
Oats	600	80	77.5	6.20	33
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	720	2.85	2,040	18

## 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
Avg age of principal operator	59.3	all livestock (\$1,000)	109,284
Hogs and pigs inventory (head)	119,690	Production expenses (\$1,000)	243,688

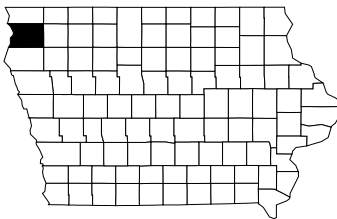
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	39,500	29
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 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	172,500	168,700	189.2	31,925	28
Soybeans	137,500	136,800	59.2	8,094	14
Oats	600	130	76.9	10.0	25
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	55.3	all livestock (\$1,000)	1,418,349
Hogs and pigs inventory (head)	1,259,133	Production expenses (\$1,000)	1,350,489

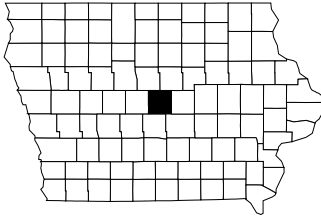
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	420,000	1
Beef cows	15,600	14
Milk cows	35,500	1

### Crops – 2018 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	249,000	211,000	211.7	44,669,000	3
Soybeans	160,500	158,600	67.0	10,630	3
Oats	1,100	350	88.0	30.8	11
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	57.9	all livestock (\$1,000)	60,636
Hogs and pigs inventory (head)	62,420	Production expenses (\$1,000)	192,667

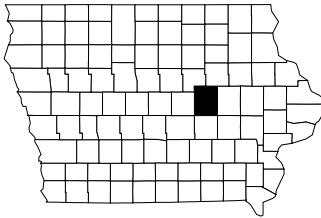
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	16,600	79
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	160,000	158,400	192.3	30,457	36
Soybeans	116,500	115,700	52.8	6,113	37
Oats	600	180	55.0	9.90	26
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## TAMA COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	406,984	Market value of:	
Number of farms	1,072	all farm products (\$1,000)	288,014
Average farm size (acres)	380	all crops (\$1,000)	197,025
Avg age of principal operator	58.4	all livestock (\$1,000)	90,989
Hogs and pigs inventory (head)	97,992	Production expenses (\$1,000)	234,626

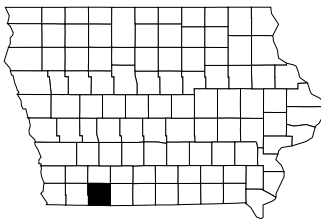
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	41,000	27
Beef cows	15,800	12
Milk cows	600	30T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	171,500	169,800	224.4	38,109	12
Soybeans	144,000	142,800	61.4	8,770	10
Oats	2,100	140	50.7	7.10	31
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## TAYLOR COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	288,530	Market value of:	
Number of farms	667	all farm products (\$1,000)	128,026
Average farm size (acres)	433	all crops (\$1,000)	84,304
Avg age of principal operator	60.4	all livestock (\$1,000)	43,721
Hogs and pigs inventory (head)	75,099	Production expenses (\$1,000)	107,111

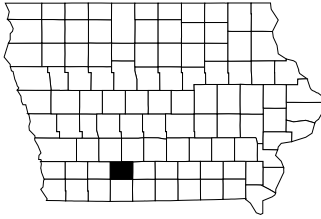
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	34,000	35
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	81,400	79,300	154.4	12,243	83
Soybeans	(D)	(D)	(D)	(D)	(NA)
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	8,800	3.50	30,800	11
Other hay	(NA)	(D)	(D)	(D)	(NA)

## UNION COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	246,058	Market value of:	
Number of farms	627	all farm products (\$1,000)	129,248
Average farm size (acres)	392	all crops (\$1,000)	54,219
Avg age of principal operator	57.6	all livestock (\$1,000)	75,029
Hogs and pigs inventory (head)	169,793	Production expenses (\$1,000)	114,147

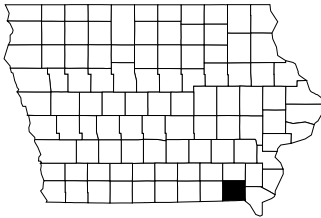
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	40,500	28
Beef cows	19,600	3
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	55,200	53,900	155.8	8,397	89
Soybeans	55,900	55,500	49.4	2,743	88
Oats	2,300	520	70.2	36.5	7
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	9,160	3.05	28,000	14
Other hay	(NA)	(D)	(D)	(D)	(NA)

## VAN BUREN COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	210,319	Market value of:	
Number of farms	690	all farm products (\$1,000)	97,836
Average farm size (acres)	305	all crops (\$1,000)	39,525
Avg age of principal operator	59.2	all livestock (\$1,000)	58,311
Hogs and pigs inventory (head)	118,233	Production expenses (\$1,000)	86,477

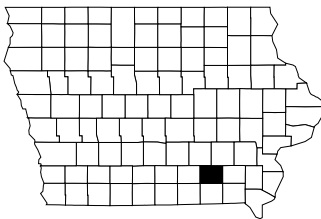
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	22,000	68T
Beef cows	11,900	28
Milk cows	700	29

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	52,700	48,500	180.8	8,771	88
Soybeans	50,400	50,100	55.1	2,763	87
Oats	1,100	160	53.8	8.60	28
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	11,000	2.60	28,700	13
Other hay	(NA)	(D)	(D)	(D)	(NA)

## 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
Avg age of principal operator	58.0	all livestock (\$1,000)	21,278
Hogs and pigs inventory (head)	37,105	Production expenses (\$1,000)	70,790

### Cattle – January 1, 2019

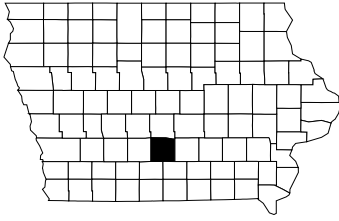
	Number of head	Rank in state
All cattle and calves	15,500	82
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for Grain	(D)	(D)	(D)	(D)	(NA)
Soybeans	55,000	54,800	61.2	3,356	84
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)



## WARREN COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	247,153	Market value of:	
Number of farms	1,214	all farm products (\$1,000)	78,965
Average farm size (acres)	204	all crops (\$1,000)	67,084
Avg age of principal operator	59.7	all livestock (\$1,000)	11,881
Hogs and pigs inventory (head)	(D)	Production expenses (\$1,000)	71,012

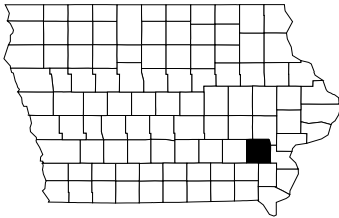
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	19,900	73T
Beef cows	12,000	26T
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	60,700	59,900	163.7	9,805	86
Soybeans	71,600	71,100	53.0	3,765	77
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	10,700	2.85	30,600	12
Other hay	(NA)	6,160	2.20	13,700	5

## 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
Avg age of principal operator	57.8	all livestock (\$1,000)	534,350
Hogs and pigs inventory (head)	1,332,048	Production expenses (\$1,000)	528,629

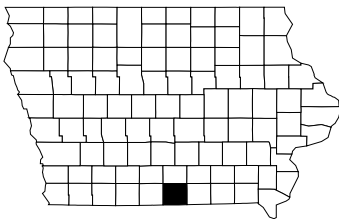
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	20,500	71T
Beef cows	10,000	33
Milk cows	900	27T

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	120,000	118,300	214.5	25,370	51
Soybeans	94,100	91,300	62.6	5,713	46
Oats	1,000	320	54.4	17.4	18T
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## WAYNE COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	285,213	Market value of:	
Number of farms	743	all farm products (\$1,000)	91,778
Average farm size (acres)	384	all crops (\$1,000)	53,161
Avg age of principal operator	58.5	all livestock (\$1,000)	38,617
Hogs and pigs inventory (head)	32,577	Production expenses (\$1,000)	84,414

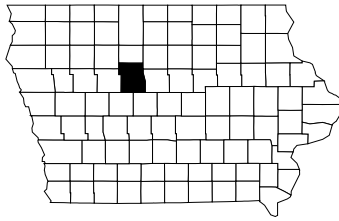
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	30,500	45
Beef cows	14,700	17
Milk cows	300	37

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	53,500	52,700	171.6	9,045	87
Soybeans	72,600	72,200	49.8	3,598	80
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

## WEBSTER COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	409,293	Market value of:	
Number of farms	960	all farm products (\$1,000)	320,681
Average farm size (acres)	426	all crops (\$1,000)	214,836
Avg age of principal operator	61.1	all livestock (\$1,000)	105,845
Hogs and pigs inventory (head)	173,594	Production expenses (\$1,000)	249,684

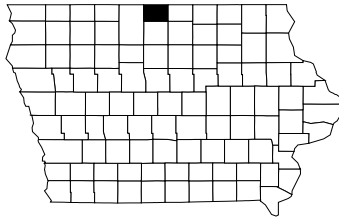
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	11,300	87T
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	200,000	193,700	188.2	36,453	16
Soybeans	158,000	156,900	52.2	8,196	12
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	1,620	3.70	6,000	25
Other hay	(NA)	930	2.20	2,030	19

## 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
Avg age of principal operator	59.2	all livestock (\$1,000)	109,214
Hogs and pigs inventory (head)	74,244	Production expenses (\$1,000)	205,846

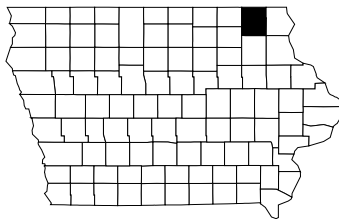
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	7,800	93T
Beef cows	1,400	71
Milk cows	(D)	(NA)

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	120,000	118,500	180.8	21,421	64
Soybeans	84,800	83,900	53.0	4,448	66
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	850	3.75	3,190	32
Other hay	(NA)	(D)	(D)	(D)	(NA)

## WINNESHIEK COUNTY



### Census of Agriculture – 2017

Total land in farms (acres)	391,393	Market value of:	
Number of farms	1,458	all farm products (\$1,000)	337,364
Average farm size (acres)	268	all crops (\$1,000)	141,368
Avg age of principal operator	58.4	all livestock (\$1,000)	195,995
Hogs and pigs inventory (head)	125,477	Production expenses (\$1,000)	292,108

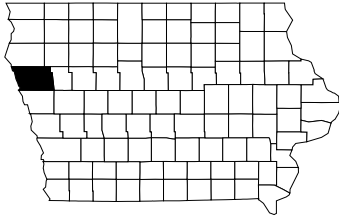
### Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	94,000	7
Beef cows	12,700	24
Milk cows	16,500	3

### Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	165,000	149,500	198.1	29,620	42
Soybeans	66,600	66,300	52.9	3,506	83
Oats	7,900	2,090	77.0	161.0	1
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	23,900	3.95	94,700	4
Other hay	(NA)	(D)	(D)	(D)	(NA)

# 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
Avg age of principal operator	58.3	all livestock (\$1,000)	169,088
Hogs and pigs inventory (head)	69,267	Production expenses (\$1,000)	313,570

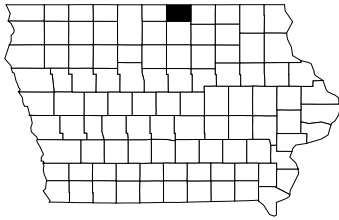
## Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	77,000	8
Beef cows	(D)	(NA)
Milk cows	(D)	(NA)

## Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	201,000	186,300	219.4	40,875	5
Soybeans	169,500	168,600	60.9	10,267	4
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	1,940	1.80	3,510	12

# 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
Avg age of principal operator	59.7	all livestock (\$1,000)	20,044
Hogs and pigs inventory (head)	12,389	Production expenses (\$1,000)	117,648

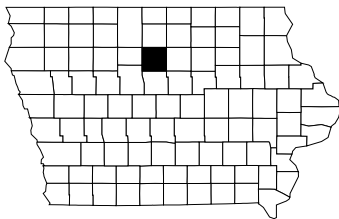
## Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	7,800	93T
Beef cows	2,600	67
Milk cows	200	38T

## Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	111,500	110,500	179.9	19,880	68
Soybeans	88,600	88,000	55.0	4,839	57
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	(D)	(D)	(D)	(NA)
Other hay	(NA)	(D)	(D)	(D)	(NA)

# WRIGHT COUNTY



## Census of Agriculture – 2017

Total land in farms (acres)	356,303	Market value of:	
Number of farms	735	all farm products (\$1,000)	481,889
Average farm size (acres)	485	all crops (\$1,000)	187,302
Avg age of principal operator	59.9	all livestock (\$1,000)	294,587
Hogs and pigs inventory (head)	483,527	Production expenses (\$1,000)	406,083

## Cattle – January 1, 2019

	Number of head	Rank in state
All cattle and calves	6,600	96
Beef cows	2,400	68
Milk cows	(D)	(NA)

## Crops – 2018 Acreage, Yield, and Production

	Area planted	Area harvested	Yield per acre	Production	Rank in state
	(acres)	(acres)	(bu/acre)	(1,000 bu)	
Corn for grain	182,000	180,300	180.4	32,532	25
Soybeans	131,500	130,200	53.8	7,007	26
Oats	(D)	(D)	(D)	(D)	(NA)
	(acres)	(acres)	(tons/acre)	(tons)	
Alfalfa hay	(NA)	1,320	3.20	4,230	27
Other hay	(NA)	(D)	(D)	(D)	(NA)

# AGRICULTURE RELATED INTERNET ADDRESSES

## USDA

### NATIONAL AGRICULTURAL STATISTICS SERVICE

#### IOWA FIELD OFFICE

Home Page [www.nass.usda.gov/Statistics\\_by\\_State/Iowa/](http://www.nass.usda.gov/Statistics_by_State/Iowa/)  
Email [nassrfoumr@nass.usda.gov](mailto:nassrfoumr@nass.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/index](http://www.nass.usda.gov/About_NASS/index)  
Census of Agriculture [www.nass.usda.gov/AgCensus/](http://www.nass.usda.gov/AgCensus/)  
Publications [www.nass.usda.gov/Publications/](http://www.nass.usda.gov/Publications/)  
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/index.htm](http://www.usda.gov/oce/commodity/wasde/index.htm)