

# Cash Rental Rates for Iowa

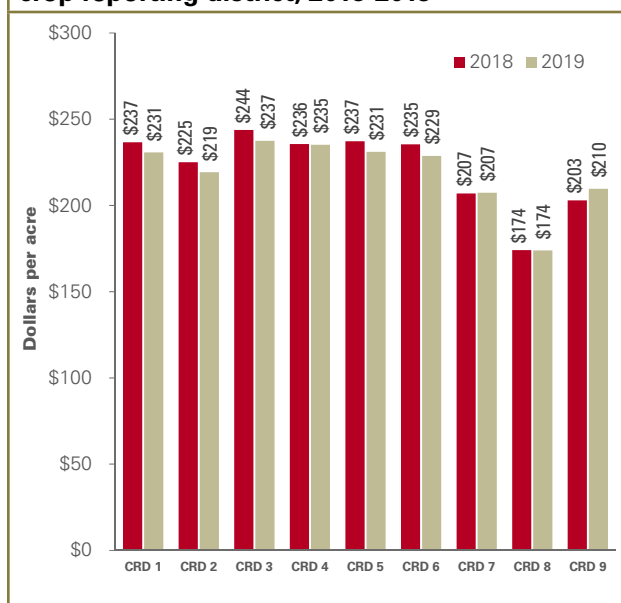
## 2019 Survey

The cash rental rate information presented in this publication is from a survey of farmers, landowners, agricultural lenders, and professional farm managers. They supplied information based on their best judgments about **typical cash rental rates** for high, medium, and low quality cropland in their counties, as well as for land devoted to production of hay, oats, and pasture. **Information about rents for individual farms was not collected.** The rental rates summarized in this publication do not include the value of any buildings or storage structures, manure application contracts, or seed production contracts. Due to lower responses in 2019 oats, hay, and pasture rents are only available at the district level.

The cooperation and assistance of the landowners, farmers, and agribusiness people who responded to this survey are greatly appreciated. The distribution of the 1,262 responses was 47 percent from farm operators, 30 percent from landowners, 8 percent from agricultural lenders, 12 percent from professional farm managers and realtors, and 3 percent from other professions. Respondents indicated being familiar with 1.6 million cash rented acres across the state.

Additional survey information about cash rental rates by county is available from the [USDA National Agricultural Statistics Service \(NASS\)](http://www.nass.usda.gov/Statistics_by_State/Iowa/Publications/County_Estimates/index.php) ([www.nass.usda.gov/Statistics\\_by\\_State/Iowa/Publications/County\\_Estimates/index.php](http://www.nass.usda.gov/Statistics_by_State/Iowa/Publications/County_Estimates/index.php)).

**Figure 1. Comparison of average cash rent by crop reporting district, 2018-2019**



### Determining Cash Rents

This summary can be used as a reference point for determining an appropriate cash rental rate for a particular farm. The following may justify a higher or lower than average rent in specific cases:

- Small size or unusual shape of fields
- Terraces or creeks that affect the time it takes to plant and harvest crops
- Difficult or restricted access to fields
- High or low fertility levels or pH index
- Existence of contracts for growing seed or specialty grains, or manure application
- Above-average local grain prices due to proximity to biofuel plants or feed mills
- USDA program variables, such as crop bases and assigned yields
- Longevity of the lease
- Other services performed by the tenant

Resources for further details on rental agreements can be found on the [Ag Decision Maker Leasing](http://www.extension.iastate.edu/agdm/wdleasing.html) page, located under [Whole Farm, Leasing](http://www.extension.iastate.edu/agdm/wdleasing.html) ([www.extension.iastate.edu/agdm/wdleasing.html](http://www.extension.iastate.edu/agdm/wdleasing.html)).

- [Computing a Cropland Cash Rental Rate](https://store.extension.iastate.edu/Product/1818.pdf) (<https://store.extension.iastate.edu/Product/1818.pdf>)
- [Computing a Pasture Rental Rate](http://www.extension.iastate.edu/agdm/wholefarm/pdf/c2-23.pdf) ([www.extension.iastate.edu/agdm/wholefarm/pdf/c2-23.pdf](http://www.extension.iastate.edu/agdm/wholefarm/pdf/c2-23.pdf))
- [Flexible Farm Lease Agreements](https://store.extension.iastate.edu/Product/1794.pdf) (<https://store.extension.iastate.edu/Product/1794.pdf>)

### Definitions

**Number of responses** – number of individuals who reported typical rental rates for each county.

**2014-2018 average yields** – based on available farm level data collected by USDA National Agricultural Statistics Service (NASS) for each county.

**Average row crop CSR2 index** – average corn suitability rating 2 (CSR2) for the highest rated acres in each county, up to 110 percent of the number of acres planted to corn and soybeans in that county. **Note: starting in 2014, values were converted to the CSR2 system, based on ISPAID 8.1** ([www.extension.iastate.edu/soils/ispaid](http://www.extension.iastate.edu/soils/ispaid)).

**High, medium, and low quality third land** – quality of land planted to corn and soybeans, using typical corn yields collected by USDA NASS as a reference for land quality within the county.

**Typical corn yields** – average yields for the high third, medium third, and low third productivity farms in each county as reported by USDA NASS.

**Average rents per unit** – overall average rent for corn and soybean land in each county, divided by the 5-year average corn yield, the 5-year average soybean yield, and the average row crop CSR2 index value for each county.

**Improved permanent pasture** – pasture that contains both grasses and legumes and is regularly fertilized.

**Unimproved pasture** – pasture with mainly bluegrass that receives little fertilizer or renovation.

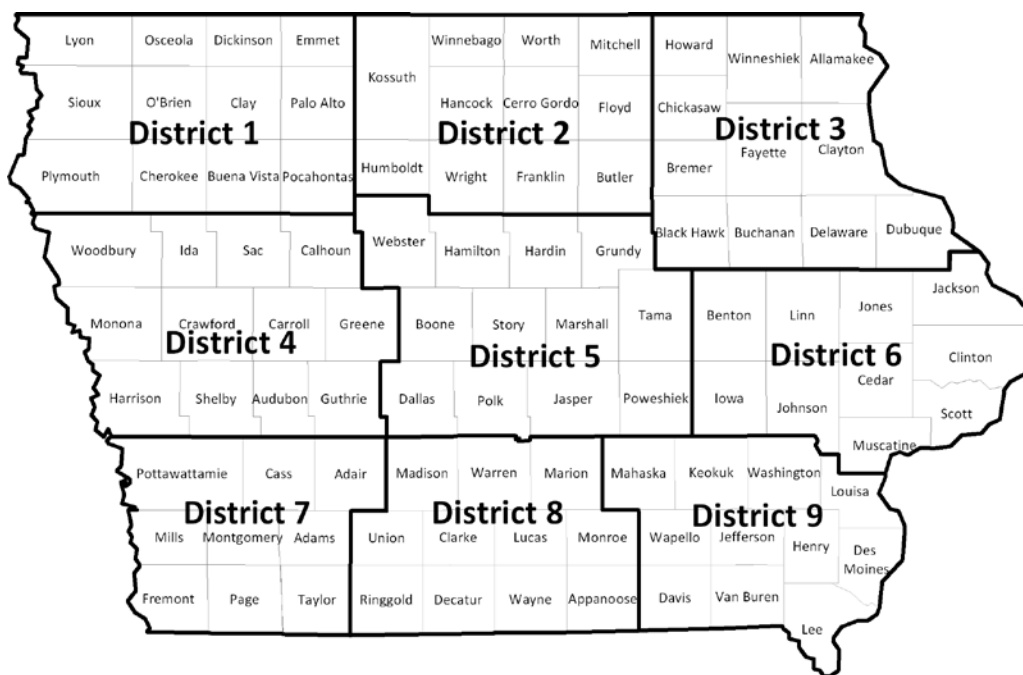
**Pasture, \$/AUM** – rent charged per animal unit month. One AUM is equal to one beef cow or its equivalent grazing for one month.

**Cornstalk grazing** – includes grazing of cornstalks in fall or winter, but not mechanical harvesting.

**Hunting rights** – rent charged to allow hunting on land, per year.

### Overall Average of Typical Cash Rents 2015-2019 Corn and Soybean Acres (\$/tillable acre)

	2015	2016	2017	2018	2019
District 1	\$259	\$248	\$234	\$237	\$231
District 2	254	243	218	225	219
District 3	273	250	241	244	237
District 4	265	245	231	236	235
District 5	261	239	228	237	231
District 6	255	242	231	235	229
District 7	242	220	206	207	207
District 8	187	183	180	174	174
District 9	217	203	204	203	210
<b>State</b>	<b>\$246</b>	<b>\$230</b>	<b>\$219</b>	<b>\$222</b>	<b>\$219</b>



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## 2019 CASH RENTAL SURVEY FOR CROP REPORTING DISTRICT 1

County	District 1 Average	Buena Vista	Cher- okee	Clay	Dickin- son	Emmet	Lyon	O'Brien	Osceola	Palo Alto	Plymouth	Poca- hontas	Sioux
Number of responses <sup>1/</sup>	192	18	14	17	9	6	14	15	13	14	41	16	15
2014 - 2018 avg. corn yield	194	191	206	185	179	187	198	202	195	182	201	191	207
2014 - 2018 avg. bean yield	58	56	63	56	53	53	61	61	57	54	61	55	65
Avg. row crop CSR2 index	87	89	90	88	89	85	80	95	88	85	81	86	89
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>													
Overall average	\$231	\$233	\$256	\$200	\$204	\$178	\$245	\$243	\$249	\$217	\$247	\$227	\$267
<b>High quality third</b>													
Average response	\$268	\$264	\$288	\$239	\$247	\$215	\$290	\$289	\$289	\$244	\$288	\$254	\$308
Range of responses		200-325	260-300	175-275	220-270	180-245	250-300	245-350	240-350	200-280	220-370	235-275	275-350
<b>Medium quality third</b>													
Average response	\$230	\$227	\$258	\$202	\$197	\$170	\$247	\$248	\$247	\$216	\$246	\$231	\$267
Range of responses		170-275	220-285	150-240	160-235	160-185	200-260	180-290	180-330	175-255	175-310	190-260	220-300
<b>Low quality third</b>													
Average response	\$195	\$208	\$224	\$160	\$170	\$150	\$198	\$193	\$213	\$190	\$209	\$196	\$227
Range of responses		140-260	200-250	120-185	135-200	140-160	160-230	165-220	150-260	150-225	150-265	140-220	185-275
<b>Typical Corn Yield, bu. per acre</b>													
High third	199	200	200	200	190	193	200	202	200	200	200	199	205
Middle third	177	175	180	175	168	175	180	185	181	175	170	177	185
Low third	150	140	152	150	147	152	160	160	160	155	124	150	150
<b>Average Rents per 5-year Average Yield or CSR2</b>													
Rent per bu. of corn yield	\$1.19	\$1.22	\$1.24	\$1.08	\$1.14	\$0.95	\$1.24	\$1.20	\$1.28	\$1.19	\$1.23	\$1.19	\$1.29
Rent per bu. of bean yield	\$3.97	\$4.16	\$4.06	\$3.57	\$3.85	\$3.36	\$4.02	\$3.98	\$4.37	\$4.02	\$4.05	\$4.13	\$4.11
Rent per CSR2 index point	\$2.65	\$2.62	\$2.84	\$2.27	\$2.29	\$2.09	\$3.06	\$2.56	\$2.83	\$2.55	\$3.05	\$2.64	\$3.00

<sup>1/</sup> Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

## 2019 CASH RENTAL SURVEY FOR CROP REPORTING DISTRICT 2

County	District 2 Average	Butler	Cerro Gordo	Floyd	Franklin	Hancock	Humboldt	Kossuth	Mitchell	Winne- bago	Worth	Wright
Number of responses <sup>1/</sup>	190	17	15	11	21	20	9	24	15	16	21	21
2014 - 2018 avg. corn yield	192	198	190	189	196	190	188	193	197	193	191	191
2014 - 2018 avg. bean yield	56	55	55	54	57	56	55	57	56	56	55	54
Avg. row crop CSR2 index	83	81	82	85	84	82	86	84	87	80	82	85
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>												
Overall average	\$219	\$235	\$229	\$204	\$232	\$219	\$212	\$222	\$224	\$205	\$211	\$218
<b>High quality third</b>												
Average response	\$249	\$272	\$264	\$224	\$259	\$249	\$249	\$251	\$255	\$231	\$237	\$253
Range of responses		200-300	225-315	195-265	200-300	200-300	225-270	225-295	220-300	200-260	200-275	220-305
<b>Medium quality third</b>												
Average response	\$220	\$231	\$231	\$206	\$233	\$218	\$208	\$225	\$230	\$208	\$215	\$217
Range of responses		165-265	185-270	185-235	185-270	160-255	175-240	205-250	195-250	175-240	185-255	170-275
<b>Low quality third</b>												
Average response	\$188	\$201	\$191	\$182	\$203	\$191	\$179	\$190	\$189	\$177	\$182	\$185
Range of responses		140-250	155-230	160-205	150-240	150-225	145-210	180-205	160-215	125-200	150-200	125-240
<b>Typical Corn Yield, bu. per acre</b>												
High third	196	195	187	200	200	196	199	200	192	192	200	200
Middle third	171	170	162	170	175	174	178	175	165	170	171	175
Low third	136	118	120	128	150	144	141	155	130	130	130	150
<b>Average Rents per 5-year Average Yield or CSR2</b>												
Rent per bu. of corn yield	\$1.14	\$1.19	\$1.21	\$1.08	\$1.18	\$1.15	\$1.13	\$1.15	\$1.14	\$1.06	\$1.10	\$1.14
Rent per bu. of bean yield	\$3.95	\$4.27	\$4.16	\$3.78	\$4.07	\$3.91	\$3.85	\$3.89	\$4.00	\$3.66	\$3.84	\$4.04
Rent per CSR2 index point	\$2.63	\$2.90	\$2.79	\$2.40	\$2.76	\$2.67	\$2.47	\$2.64	\$2.57	\$2.56	\$2.57	\$2.56

<sup>1/</sup> Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

## 2019 CASH RENTAL SURVEY FOR CROP REPORTING DISTRICT 3

County	District 3 Average	Allamakee & Fayette	Black Hawk	Bremer	Buchanan	Chickasaw	Clayton	Delaware	Dubuque	Howard	Winneshiek
Number of responses <sup>1/</sup>	109	7	20	12	14	10	8	9	6	14	9
2014 - 2018 avg. corn yield	197	192	196	200	199	191	199	203	204	191	194
2014 - 2018 avg. bean yield	56	55	57	57	56	52	58	60	59	54	54
Avg. row crop CSR2 index	80	79	85	87	82	84	71	78	69	83	78
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>											
Overall average	\$237	\$245	\$248	\$268	\$232	\$226	\$227	\$263	\$233	\$199	\$233
<b>High quality third</b>											
Average response	\$278	\$291	\$280	\$322	\$261	\$267	\$282	\$299	\$279	\$233	\$268
Range of responses		275-310	220-350	275-370	200-294	230-300	220-350	250-325	200-325	200-250	210-300
<b>Medium quality third</b>											
Average response	\$237	\$244	\$247	\$266	\$234	\$225	\$216	\$265	\$236	\$203	\$232
Range of responses		210-285	180-325	235-300	200-274	185-275	189-251	225-300	150-275	170-220	190-260
<b>Low quality third</b>											
Average response	\$197	\$200	\$218	\$215	\$200	\$188	\$183	\$227	\$183	\$162	\$199
Range of responses		200-200	148-275	150-250	165-231	125-225	150-225	200-250	120-228	140-190	160-230
<b>Typical Corn Yield, bu. per acre</b>											
High third	198	195	195	200	194	196	200	200	205	190	200
Middle third	172	167	168	175	170	170	168	180	175	170	175
Low third	134	135	124	150	140	120	135	145	131	129	135
<b>Average Rents per 5-year Average Yield or CSR2</b>											
Rent per bu. of corn yield	\$1.21	\$1.28	\$1.27	\$1.34	\$1.17	\$1.18	\$1.14	\$1.30	\$1.14	\$1.04	\$1.20
Rent per bu. of bean yield	\$4.22	\$4.45	\$4.35	\$4.70	\$4.14	\$4.35	\$3.91	\$4.38	\$3.95	\$3.69	\$4.31
Rent per CSR2 index point	\$2.99	\$3.10	\$2.92	\$3.08	\$2.83	\$2.69	\$3.20	\$3.37	\$3.38	\$2.40	\$2.99

<sup>1/</sup> Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

## 2019 CASH RENTAL SURVEY FOR CROP REPORTING DISTRICT 4

County	District 4 Average	Audu- bon	Calhoun	Carroll	Crawford	Greene	Guthrie	Harrison	Ida	Monona	Sac	Shelby	Wood- bury
Number of responses <sup>1/</sup>	167	10	23	10	12	14	14	16	15	12	7	18	16
2014 - 2018 avg. corn yield	196	194	196	201	206	196	189	185	209	178	201	198	201
2014 - 2018 avg. bean yield	57	57	56	59	60	57	54	53	62	54	60	58	58
Avg. row crop CSR2 index	78	76	88	82	74	85	81	73	81	69	88	72	70
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>													
Overall average	\$235	\$239	\$225	\$239	\$237	\$229	\$227	\$232	\$250	\$222	\$256	\$231	\$234
Irrigated land average										\$240			
<b>High quality third</b>													
Average response	\$267	\$267	\$248	\$266	\$268	\$255	\$259	\$269	\$282	\$268	\$282	\$265	\$271
Range of responses		225-300	200-275	245-295	245-300	230-280	225-280	245-285	260-315	235-290	260-300	230-290	225-300
<b>Medium quality third</b>													
Average response	\$236	\$238	\$224	\$244	\$230	\$234	\$230	\$232	\$254	\$219	\$257	\$228	\$238
Range of responses		200-280	190-260	215-275	200-250	200-265	190-260	170-250	225-280	160-250	245-265	200-265	200-275
<b>Low quality third</b>													
Average response	\$203	\$211	\$203	\$208	\$213	\$198	\$194	\$196	\$213	\$179	\$230	\$200	\$194
Range of responses		180-250	175-230	175-230	180-230	160-225	150-230	140-230	200-250	125-230	220-240	170-225	125-250
<b>Typical Corn Yield, bu. per acre</b>													
High third	195	196	195	198	200	190	176	190	200	190	200	200	200
Middle third	170	170	167	175	175	168	150	170	180	160	174	180	170
Low third	132	130	125	125	140	126	120	140	146	118	132	141	135
<b>Average Rents per 5-year Average Yield or CSR2</b>													
Rent per bu. of corn yield	\$1.20	\$1.23	\$1.15	\$1.19	\$1.15	\$1.17	\$1.20	\$1.25	\$1.20	\$1.25	\$1.27	\$1.17	\$1.16
Rent per bu. of bean yield	\$4.10	\$4.19	\$4.02	\$4.05	\$3.95	\$4.02	\$4.20	\$4.38	\$4.03	\$4.11	\$4.27	\$3.98	\$4.03
Rent per CSR2 index point	\$3.02	\$3.14	\$2.56	\$2.91	\$3.20	\$2.69	\$2.80	\$3.18	\$3.09	\$3.22	\$2.91	\$3.21	\$3.34

<sup>1/</sup> Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

## 2019 CASH RENTAL SURVEY FOR CROP REPORTING DISTRICT 5

County	District 5 Average	Boone	Dallas	Grundy	Hamilton	Hardin	Jasper	Marshall	Polk	Powe- shiek	Story	Tama	Webster
Number of responses <sup>1/</sup>	202	25	14	16	17	20	12	18	11	10	23	17	19
2014 - 2018 avg. corn yield	199	194	189	205	193	201	206	209	191	207	192	205	196
2014 - 2018 avg. bean yield	57	55	55	61	54	57	59	61	54	56	53	59	55
Avg. row crop CSR2 index	85	87	89	88	86	85	80	82	90	79	87	84	84
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>													
Overall average	\$231	\$234	\$215	\$264	\$221	\$232	\$227	\$231	\$223	\$225	\$225	\$249	\$227
<b>High quality third</b>													
Average response	\$265	\$256	\$245	\$299	\$249	\$266	\$262	\$267	\$259	\$272	\$259	\$291	\$249
Range of responses		200-305	200-300	250-350	235-270	240-300	240-300	230-325	215-300	235-300	200-300	230-350	190-275
<b>Medium quality third</b>													
Average response	\$233	\$231	\$216	\$262	\$225	\$231	\$226	\$238	\$217	\$226	\$229	\$260	\$231
Range of responses		190-275	175-250	235-300	200-250	200-260	195-250	200-275	200-240	200-265	180-260	190-300	175-260
<b>Low quality third</b>													
Average response	\$196	\$215	\$184	\$231	\$188	\$199	\$194	\$189	\$193	\$176	\$188	\$196	\$201
Range of responses		180-250	140-200	210-270	170-200	175-225	170-220	125-230	175-225	120-225	120-220	165-250	160-240
<b>Typical Corn Yield, bu. per acre</b>													
High third	195	190	190	204	190	200	197	200	195	190	187	200	200
Middle third	170	170	163	180	170	175	170	175	165	170	165	166	172
Low third	136	125	130	134	139	143	150	147	130	130	130	135	137
<b>Average Rents per 5-year Average Yield or CSR2</b>													
Rent per bu. of corn yield	\$1.16	\$1.21	\$1.14	\$1.29	\$1.15	\$1.15	\$1.10	\$1.11	\$1.17	\$1.09	\$1.17	\$1.21	\$1.16
Rent per bu. of bean yield	\$4.09	\$4.25	\$3.91	\$4.33	\$4.09	\$4.07	\$3.85	\$3.79	\$4.13	\$4.02	\$4.25	\$4.22	\$4.13
Rent per CSR2 index point	\$2.72	\$2.69	\$2.42	\$3.00	\$2.57	\$2.73	\$2.84	\$2.82	\$2.48	\$2.85	\$2.59	\$2.96	\$2.70

<sup>1/</sup> Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

## 2019 CASH RENTAL SURVEY FOR CROP REPORTING DISTRICT 6

County	District 6 Average	Benton	Cedar	Clinton	Iowa	Jackson	Johnson	Jones	Linn	Muscatine	Scott
Number of responses <sup>1/</sup>	145	28	25	10	8	9	16	10	17	13	9
2014 - 2018 avg. corn yield	202	201	207	205	206	197	197	199	200	197	208
2014 - 2018 avg. bean yield	58	58	59	59	56	59	56	57	56	59	63
Avg. row crop CSR2 index	81	85	86	74	79	68	83	77	86	82	87
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>											
Overall average	\$229	\$236	\$234	\$231	\$200	\$241	\$222	\$231	\$238	\$203	\$251
<b>High quality third</b>											
Average response	\$269	\$268	\$273	\$275	\$235	\$280	\$261	\$271	\$282	\$249	\$301
Range of responses		230-310	215-330	220-315	215-275	245-310	210-300	245-325	235-320	170-315	250-350
<b>Medium quality third</b>											
Average response	\$230	\$235	\$234	\$233	\$198	\$242	\$229	\$225	\$234	\$217	\$251
Range of responses		170-285	170-275	170-280	180-230	200-275	180-275	200-250	200-260	140-275	195-280
<b>Low quality third</b>											
Average response	\$187	\$206	\$194	\$185	\$166	\$202	\$175	\$198	\$197	\$143	\$200
Range of responses		135-260	135-225	145-235	130-180	150-235	115-200	190-200	175-210	90-225	160-230
<b>Typical Corn Yield, bu. per acre</b>											
High third	196	196	200	200	200	200	195	190	192	191	200
Middle third	170	170	175	175	170	170	168	165	165	167	170
Low third	129	131	150	130	121	120	130	125	120	135	130
<b>Average Rents per 5-year Average Yield or CSR2</b>											
Rent per bu. of corn yield	\$1.13	\$1.17	\$1.13	\$1.13	\$0.97	\$1.22	\$1.13	\$1.16	\$1.19	\$1.03	\$1.21
Rent per bu. of bean yield	\$3.93	\$4.07	\$3.97	\$3.92	\$3.57	\$4.08	\$3.96	\$4.05	\$4.25	\$3.44	\$3.98
Rent per CSR2 index point	\$2.85	\$2.78	\$2.72	\$3.12	\$2.53	\$3.54	\$2.67	\$3.00	\$2.77	\$2.48	\$2.89

<sup>1/</sup> Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.



## 2019 CASH RENTAL SURVEY FOR CROP REPORTING DISTRICT 7

County	District 7 Average	Adair	Adams	Cass	Fremont	Mills	Montgomery	Page	Pottawat- tamie	Taylor
Number of responses <sup>1/</sup>	106	16	8	13	7	9	13	12	21	7
2014 - 2018 avg. corn yield	182	172	176	186	190	188	185	183	195	167
2014 - 2018 avg. bean yield	54	53	52	56	55	56	54	54	57	52
Avg. row crop CSR2 index	78	77	70	79	82	81	78	82	77	75
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>										
Overall average	\$207	\$182	\$201	\$211	\$204	\$223	\$209	\$206	\$234	\$196
<b>High quality third</b>										
Average response	\$239	\$210	\$245	\$237	\$233	\$254	\$237	\$238	\$266	\$234
Range of responses		180-250	210-275	210-275	225-245	235-275	200-275	200-265	235-320	195-260
<b>Medium quality third</b>										
Average response	\$206	\$183	\$197	\$214	\$200	\$222	\$210	\$205	\$233	\$194
Range of responses		170-220	170-250	185-250	180-215	210-240	180-245	185-225	200-275	165-210
<b>Low quality third</b>										
Average response	\$176	\$153	\$163	\$182	\$179	\$193	\$179	\$177	\$201	\$159
Range of responses		125-190	125-200	160-200	175-190	185-200	125-205	130-205	165-250	125-185
<b>Typical Corn Yield, bu. per acre</b>										
High third	184	175	175	188	200	180	190	180	198	171
Middle third	153	141	150	156	165	150	164	146	170	135
Low third	116	104	105	124	130	120	122	110	133	95
<b>Average Rents per 5-year Average Yield or CSR2</b>										
Rent per bu. of corn yield	\$1.14	\$1.06	\$1.14	\$1.13	\$1.07	\$1.19	\$1.13	\$1.13	\$1.20	\$1.17
Rent per bu. of bean yield	\$3.81	\$3.43	\$3.87	\$3.77	\$3.71	\$3.98	\$3.87	\$3.81	\$4.11	\$3.77
Rent per CSR2 index point	\$2.67	\$2.36	\$2.87	\$2.67	\$2.49	\$2.75	\$2.68	\$2.51	\$3.04	\$2.61

<sup>1/</sup> Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

## 2019 CASH RENTAL SURVEY FOR CROP REPORTING DISTRICT 8

County	District 8 Average	Appanoose & Monroe	Clarke	Decatur	Lucas	Madison	Marion	Ringgold	Union	Warren	Wayne
Number of responses <sup>1/</sup>	75	5	7	8	5	13	9	8	5	8	7
2014 - 2018 avg. corn yield	169	172	160	170	161	173	185	163	166	174	169
2014 - 2018 avg. bean yield	49	51	46	48	47	52	54	48	49	51	49
Avg. row crop CSR2 index	76	74	73	73	76	85	79	68	83	84	67
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>											
Overall average	\$174	\$176	\$137	\$142	\$160	\$197	\$179	\$185	\$206	\$190	\$166
<b>High quality third</b>											
Average response	\$209	\$206	\$173	\$165	\$190	\$236	\$221	\$238	\$239	\$221	\$198
Range of responses		180-260	145-200	140-205	175-200	200-280	180-250	225-250	200-265	195-250	170-215
<b>Medium quality third</b>											
Average response	\$173	\$175	\$146	\$146	\$158	\$195	\$180	\$180	\$208	\$186	\$161
Range of responses		160-190	100-185	110-180	150-180	170-225	150-205	140-225	175-240	150-225	120-180
<b>Low quality third</b>											
Average response	\$140	\$147	\$93	\$117	\$131	\$160	\$137	\$138	\$171	\$163	\$141
Range of responses		140-150	90-95	80-160	120-160	135-190	130-150	115-175	145-200	130-200	100-165
<b>Typical Corn Yield, bu. per acre</b>											
High third	165	155	160	170	160	176	185	150	160	175	156
Middle third	131	113	120	130	125	150	157	115	127	150	120
Low third	84	53	60	90	90	100	117	71	99	100	58
<b>Average Rents per 5-year Average Yield or CSR2</b>											
Rent per bu. of corn yield	\$1.03	\$1.02	\$0.86	\$0.84	\$0.99	\$1.14	\$0.97	\$1.13	\$1.24	\$1.09	\$0.98
Rent per bu. of bean yield	\$3.51	\$3.45	\$2.98	\$2.96	\$3.40	\$3.79	\$3.31	\$3.85	\$4.20	\$3.73	\$3.39
Rent per CSR2 index point	\$2.28	\$2.38	\$1.88	\$1.95	\$2.11	\$2.32	\$2.27	\$2.72	\$2.48	\$2.26	\$2.48

<sup>1/</sup> Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

## 2019 CASH RENTAL SURVEY FOR CROP REPORTING DISTRICT 9

County	District 9 Average	Davis & Jefferson	Des Moines	Henry	Keokuk	Lee	Louisa	Mahaska	Van Buren	Wapello	Wash- ington
Number of responses <sup>1/</sup>	76	8	6	11	6	10	9	6	6	8	6
2014 - 2018 avg. corn yield	188	171	196	192	193	184	197	194	170	176	206
2014 - 2018 avg. bean yield	55	50	59	59	55	56	57	56	49	52	59
Avg. row crop CSR2 index	79	76	85	81	80	77	80	79	75	80	82
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>											
Overall average	\$210	\$186	\$211	\$228	\$215	\$214	\$231	\$198	\$171	\$202	\$240
<b>High quality third</b>											
Average response	\$255	\$240	\$255	\$274	\$258	\$269	\$288	\$243	\$206	\$243	\$280
Range of responses		175-275	190-300	240-295	225-290	190-330	260-320	190-300	175-250	185-280	250-310
<b>Medium quality third</b>											
Average response	\$208	\$184	\$211	\$229	\$214	\$208	\$226	\$201	\$166	\$206	\$239
Range of responses		110-205	160-230	200-265	200-235	125-260	200-250	170-250	125-200	140-260	225-250
<b>Low quality third</b>											
Average response	\$165	\$134	\$168	\$182	\$174	\$164	\$180	\$149	\$141	\$157	\$201
Range of responses		80-170	130-185	165-210	160-195	110-190	170-200	125-160	80-180	90-200	190-220
<b>Typical Corn Yield, bu. per acre</b>											
High third	189	174	200	190	200	175	198	197	180	180	200
Middle third	151	127	160	150	160	131	170	160	140	140	173
Low third	108	82	130	106	118	80	135	131	85	95	120
<b>Average Rents per 5-year Average Yield or CSR2</b>											
Rent per bu. of corn yield	\$1.11	\$1.09	\$1.08	\$1.19	\$1.11	\$1.16	\$1.17	\$1.02	\$1.01	\$1.15	\$1.17
Rent per bu. of bean yield	\$3.79	\$3.72	\$3.58	\$3.86	\$3.91	\$3.82	\$4.05	\$3.54	\$3.49	\$3.88	\$4.07
Rent per CSR2 index point	\$2.63	\$2.45	\$2.48	\$2.81	\$2.69	\$2.78	\$2.89	\$2.51	\$2.28	\$2.53	\$2.93

<sup>1/</sup> Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

## 2019 CASH RENTAL SURVEY SUMMARY BY CROP REPORTING DISTRICT

District	State Average	Northwest District 1 Average	North Central District 2 Average	Northeast District 3 Average	West Central District 4 Average	Central District 5 Average	East Central District 6 Average	Southwest District 7 Average	South Central District 8 Average	Southeast District 9 Average
Number of responses <sup>1/</sup>	1,262	192	190	109	167	202	145	106	75	76
2014 - 2018 avg. corn yield	194	194	192	197	196	199	202	182	169	188
2014 - 2018 avg. bean yield	56	58	56	56	57	57	58	54	49	55
Avg. row crop CSR2 index	81	87	83	80	78	85	81	78	76	79
<b>Typical Cash Rent for Corn and Soybeans, \$ per tillable acre</b>										
Overall average	\$219	\$231	\$219	\$237	\$235	\$231	\$229	\$207	\$174	\$210
<b>High quality third</b>										
Average response	\$255	\$268	\$249	\$278	\$267	\$265	\$269	\$239	\$209	\$255
<b>Medium quality third</b>										
Average response	\$219	\$230	\$220	\$237	\$236	\$233	\$230	\$206	\$173	\$208
<b>Low quality third</b>										
Average response	\$183	\$195	\$188	\$197	\$203	\$196	\$187	\$176	\$140	\$165
<b>Typical Corn Yield, bu. per acre</b>										
High third	191	199	196	198	195	195	196	184	165	189
Middle third	163	177	171	172	170	170	170	153	131	151
Low third	125	150	136	134	132	136	129	116	84	108
<b>Average Rents per 5-year Average Yield or CSR2</b>										
Rent per bu. of corn yield	\$1.14	\$1.19	\$1.14	\$1.21	\$1.20	\$1.16	\$1.13	\$1.14	\$1.03	\$1.11
Rent per bu. of bean yield	\$3.93	\$3.97	\$3.95	\$4.22	\$4.10	\$4.09	\$3.93	\$3.81	\$3.51	\$3.79
Rent per CSR2 index point	\$2.72	\$2.65	\$2.63	\$2.99	\$3.02	\$2.72	\$2.85	\$2.67	\$2.28	\$2.63
<b>Typical Cash Rent for Oats, Hay, and Pasture, \$ per acre<sup>2/</sup></b>										
Alfalfa hay, established	\$160	\$160	\$180	\$202	\$189	\$201	\$180	\$103	\$94	\$128
Grass hay, established	\$119	\$98	\$156	\$149	\$153	\$130	\$141	\$85	\$66	\$94
Oats	\$134		\$175	\$194			\$127	\$107	\$79	\$119
Improved perm. pasture	\$75	\$66	\$62	\$85	\$97	\$73	\$72	\$84	\$69	\$63
Unimproved perm. pasture	\$51	\$47	\$41	\$58	\$66	\$45	\$51	\$63	\$45	\$46
Pasture, \$/AUM	\$17		\$10	\$10		\$13	\$25	\$29	\$16	
Cornstalk grazing	\$11	\$13			\$10	\$18	\$9	\$7	\$10	
Hunting rights	\$21			\$19	\$42	\$22	\$21	\$15	\$15	\$15

<sup>1/</sup> Number of responses is the number of individuals who provided information about typical rental rates in the county. Rental data was not collected by individual farm.

<sup>2/</sup> No values are reported if fewer than five responses were received.