

VOLUME II:

Mahaska County

IOWA

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Demographics

The Census Bureau's current census estimates for each year since the 2010 Census are presented in Table II.62.1. The 2019 estimates indicate that the Mahaska County's population decreased from 22,381 in 2010 to 22,095 in 2019, or by -1.0 percent. The 2019 population estimate is not yet available broken down by race, age, or gender. For those purposes, we will use the 2018 Five-year ACS estimates. Population trends for Mahaska County since 2000 are displayed below in Diagram II.62.1.

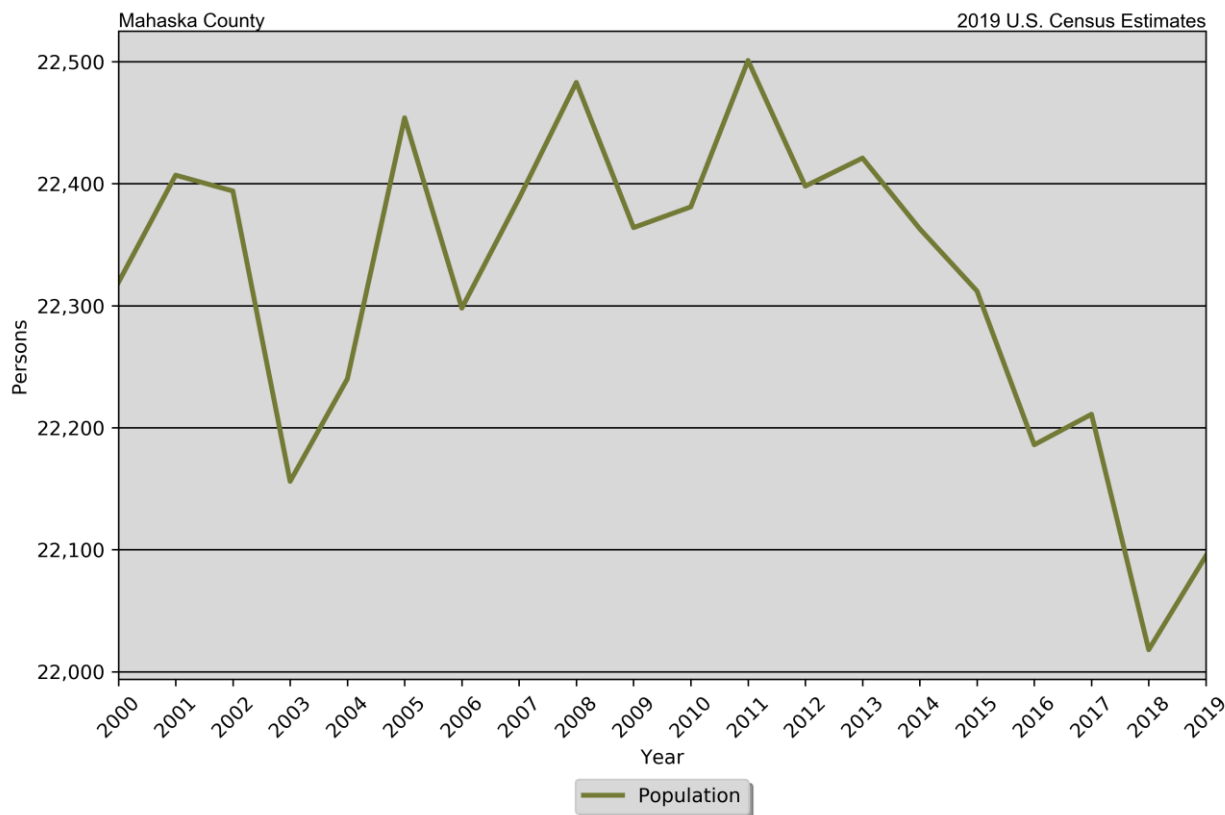
Table II.62.1
Population Estimates

Mahaska County
2010-2019 Census Data and Intercensal Estimates

2010 Census	22,381
2011 Population Estimate	22,501
2012 Population Estimate	22,398
2013 Population Estimate	22,421
2014 Population Estimate	22,363
2015 Population Estimate	22,312
2016 Population Estimate	22,186
2017 Population Estimate	22,211
2018 Population Estimate	22,018
2019 Population Estimate	22,095

Diagram II.62.1
Population

Mahaska County



Population Estimates

The Census Bureau's current estimates indicate that Mahaska County's population decreased from 22,381 in 2010 to 22,095 in 2019, or by 1.3 percent. This compares to a statewide population change of 3.6 percent over the period. The number of people from 25 to 34 years of age decreased by 0.8 percent, and the number of people from 55 to 64 years of age increased by 8.7 percent.

There are some important implications of these population growth estimates. As shown in Table II.62.2, total population change is a combination of births, deaths, and the net migration of those arriving in and leaving the state. The result of births minus deaths is termed the natural increase. Mahaska County had a natural increase, of 563 persons between 1990 and 2000. During the April 2000 to July 2009 period, Mahaska County's natural increase was estimated at 697 persons.

Table II.62.2
Population Estimates:
Births, Deaths, and Migration
Mahaska County
1990-2010 Census Data and Intercensal
Estimates

1990 Census	21,532
Natural Increase 90-00	563
Net Migration 90-00	240
2000 Census	22,335
Natural Increase 00-09	697
Net Migration 00-09	-668
2009 Population Estimate	22,364
2010 Census	22,381
Natural Increase 10-19	462
Net Migration 10-19	-740
2019 Population Estimate	22,095

Between 2010 and 2019, the natural increase was estimated at 462 persons, and the net migration was -740 persons. Between 2010 and 2019 the white population decreased by 2.9 percent, while the black population increased by 58.4 percent. The Hispanic population increased from 360 to 538 people between 2010 and 2019 or by 49.4 percent. These data are presented in Table II.62.3.

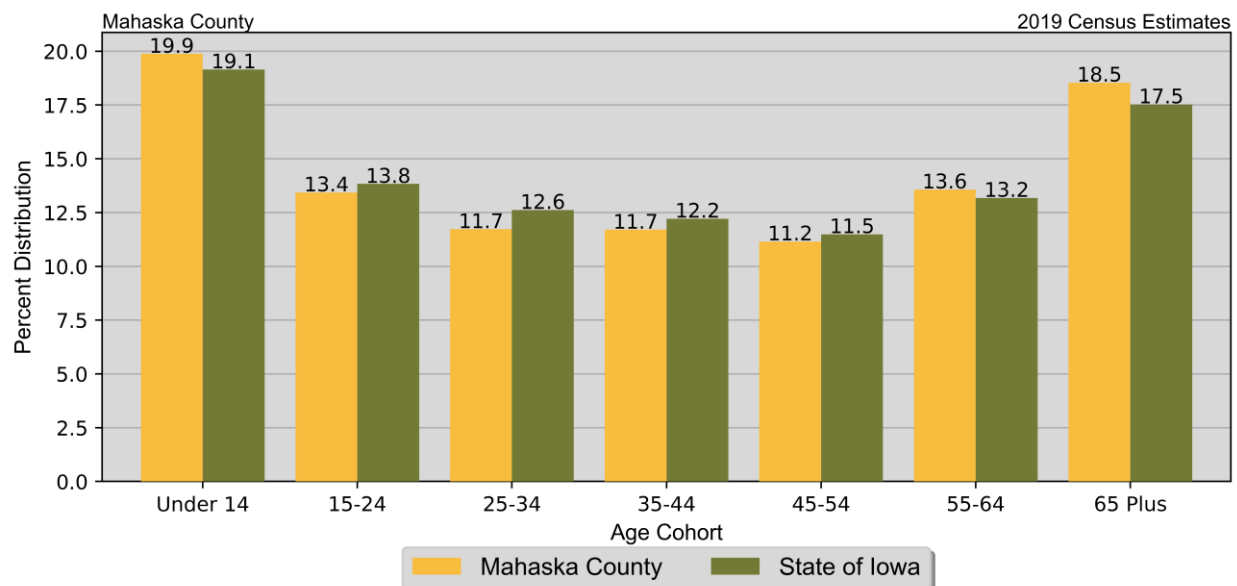
Table II.62.3 Profile of Population Characteristics Mahaska County vs. State of Iowa 2010 Census and 2019 Current Census Estimates						
Subject	Mahaska County			State of Iowa		
	2010 Census	Jul-19	% Change	2010 Census	Jul-19	% Change
Population	22,381	22,095	-1.3%	3,046,355	3,155,070	3.6%
Age						
Under 14 years	4,547	4,392	-3.4%	603,673	604,131	0.1%
15 to 24 years	3,061	2,968	-3.0%	430,187	436,415	1.4%
25 to 34 years	2,612	2,591	-0.8%	382,583	398,150	4.1%
35 to 44 years	2,578	2,585	0.3%	364,548	385,215	5.7%
45 to 54 years	3,226	2,465	-23.6%	439,726	362,509	-17.6%
55 to 64 years	2,759	2,998	8.7%	372,750	415,696	11.5%
65 and Over	3,598	4,096	13.8%	452,888	552,954	22.1%
Race						
White	21,560	20,934	-2.9%	2,839,615	2,859,080	0.7%
Black	257	407	58.4%	91,695	128,105	39.7%
American Indian and Alaskan Native	76	100	31.6%	13,563	17,060	25.8%
Asian	260	372	43.1%	54,232	84,119	55.1%
Native Hawaiian or Pacific Islander	4	11	175.0%	2,419	4,804	98.6%
Two or more races	224	271	21.0%	44,831	61,902	38.1%
Ethnicity (of any race)						
Hispanic or Latino	360	538	49.4%	151,544	198,550	31.0%

Table II.62.4, presents the population of Mahaska County by age and gender from the 2010 Census and 2019 current census estimates. The 2010 Census count showed a total of 11,252 men, who accounted for 50.3 percent of the population, and 11,129 women, representing the remaining 49.7 percent of the population. In 2019, there were 11,221 men, accounting for 50.8 percent of the population and 10,874 women, representing the remaining 49.2 percent of the population.

Table II.62.4 Population by Age and Gender Mahaska County 2010 Census and Current Census Estimates							
Age	2010 Census			2019 Current Census Estimates			% Change 10-19
	Male	Female	Total	Male	Female	Total	
Under 14 years	2,390	2,157	4,547	2,281	2,111	4,392	-3.4%
15 to 24 years	1,636	1,425	3,061	1,655	1,313	2,968	-3.0%
25 to 44 years	1,320	1,292	2,612	1,313	1,278	2,591	-0.8%
45 to 54 years	1,310	1,268	2,578	1,315	1,270	2,585	0.3%
55 to 64 years	1,660	1,566	3,226	1,264	1,201	2,465	-23.6%
65 and Over	1,389	1,370	2,759	1,524	1,474	2,998	8.7%
Total	11,252	11,129	22,381	11,221	10,874	22,095	-1.3%
% of Total	50.3%	49.7%	.	50.8%	49.2%	.	

Diagram II.62.2 displays the percentage of the population by age in Mahaska County compared to the Iowa.

Diagram II.62.2
Age Cohorts
 Mahaska County



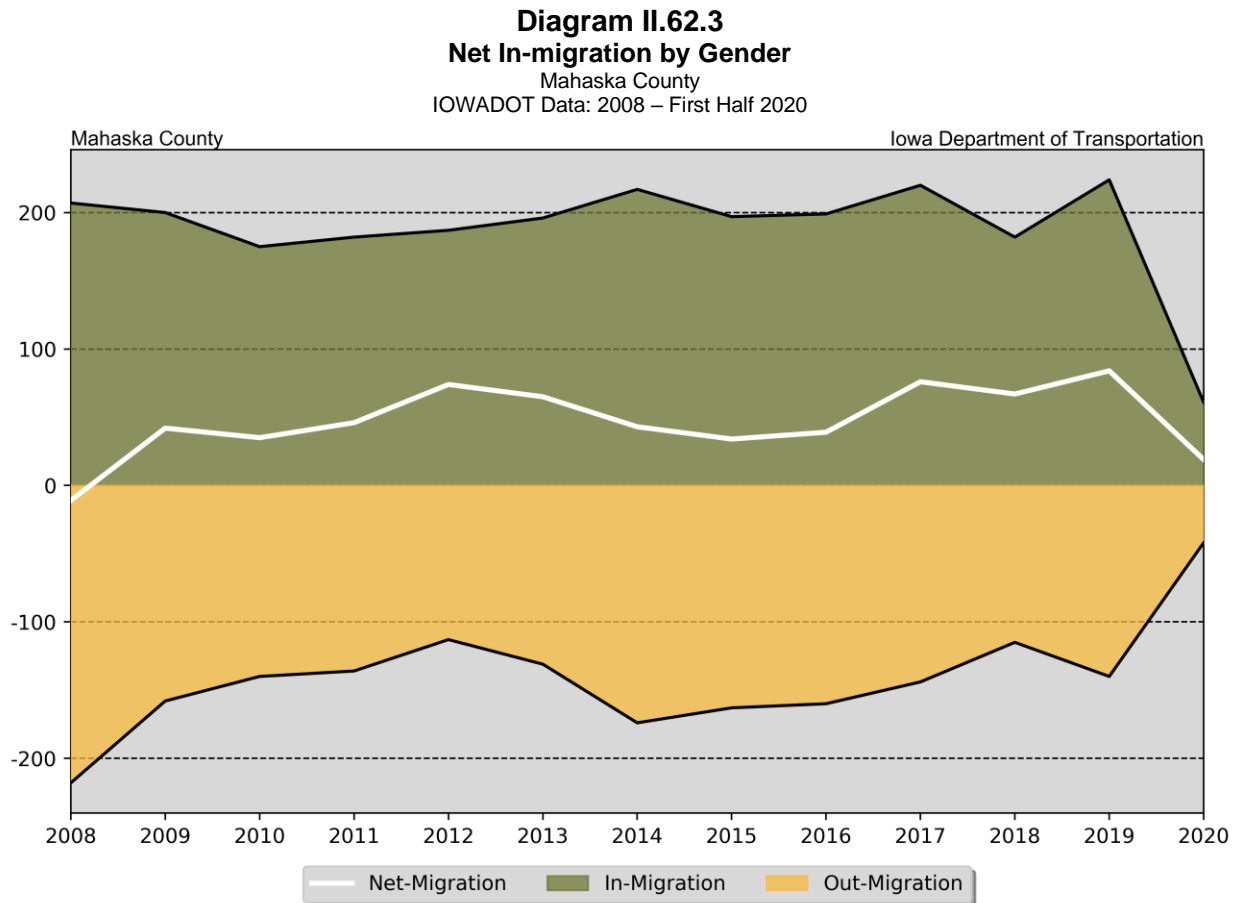
Population Migration Trends

The Iowa Department of Transportation (IOWADOT) collects data on drivers who move to Iowa and exchange licenses from other states as well as those surrendering Iowa driver's licenses when relocating to a different state. The IOWADOT data do not represent a precise count of migration, as they show only the net change in the number of driver's licenses, but the data indicates the general direction of population movement.

The driver's license total exchanges since 2008 for Mahaska County are presented in Table II.62.5. Over the past five years, there have been zero years of negative net-migration in Mahaska County, which indicates a healthy and steady inflow of people into the county. Since 2016, Mahaska County has experienced a net growth of 211 persons, creating an overall positive net-migration trend. Iowa DOT data indicates that there was a net increase of 19 people in the most recent year.

Table II.62.5 Driver's Licenses Exchanged and Surrendered Mahaska County IOWADOT Data 2000-2020			
Year	In-Migrants	Out-Migrants	Net Change
2008	207	218	-11
2009	200	158	42
2010	175	140	35
2011	182	136	46
2012	187	113	74
2013	196	131	65
2014	217	174	43
2015	197	163	34
2016	199	160	39
2017	220	144	76
2018	182	115	67
2018	224	140	84
2020(p)	61	42	19
Total	2,447	1,834	613

Diagram II.62.3, shows in- and out- migration as shaded areas, with net migration depicted as a line graph. As can be seen the maximum net migration occurred in 2019 with 84 people entering and the lowest net migration occurred in 2008 with 11 entering Mahaska County.



The IOWADOT data also collects gender and age information. Table II.62.6, shows in- and out-migration by gender. In the most recent first half 2020 data, 79 percent of net-migrants, or 15 persons were male, with the remaining 21 percent, or 4 persons were female.

Table II.62.6 Net In-migration by Gender Mahaska County IOWADOT Data													
Gender	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 (p)
In													
Male	104	86	82	91	93	99	108	98	103	105	89	104	35
Female	103	114	93	91	94	97	109	99	96	115	93	120	26
Total	207	200	175	182	187	196	217	197	199	220	182	224	61
Out													
Male	98	78	76	64	51	57	85	86	75	65	57	66	20
Female	120	80	64	72	62	74	89	77	85	79	58	74	22
Total	218	158	140	136	113	131	174	163	160	144	115	140	42
Net													
Male	6	8	6	27	42	42	23	12	28	40	32	38	15
Female	-17	34	29	19	32	23	20	22	11	36	35	46	4
Total	-11	42	35	46	74	65	43	34	39	76	67	84	19

Table II.62.7, shows net-migration for Mahaska County by age range. The largest age cohort in the most recent 2020 net migration data was those in the age range of 26 to 35, with 7 persons entering Mahaska County. Those in the age range of 14 to 17 had the lowest levels of net migration, with 0 persons entering Mahaska County.

Table II.62.7
Migration by Age Range
 Mahaska County
 IOWADOT Data

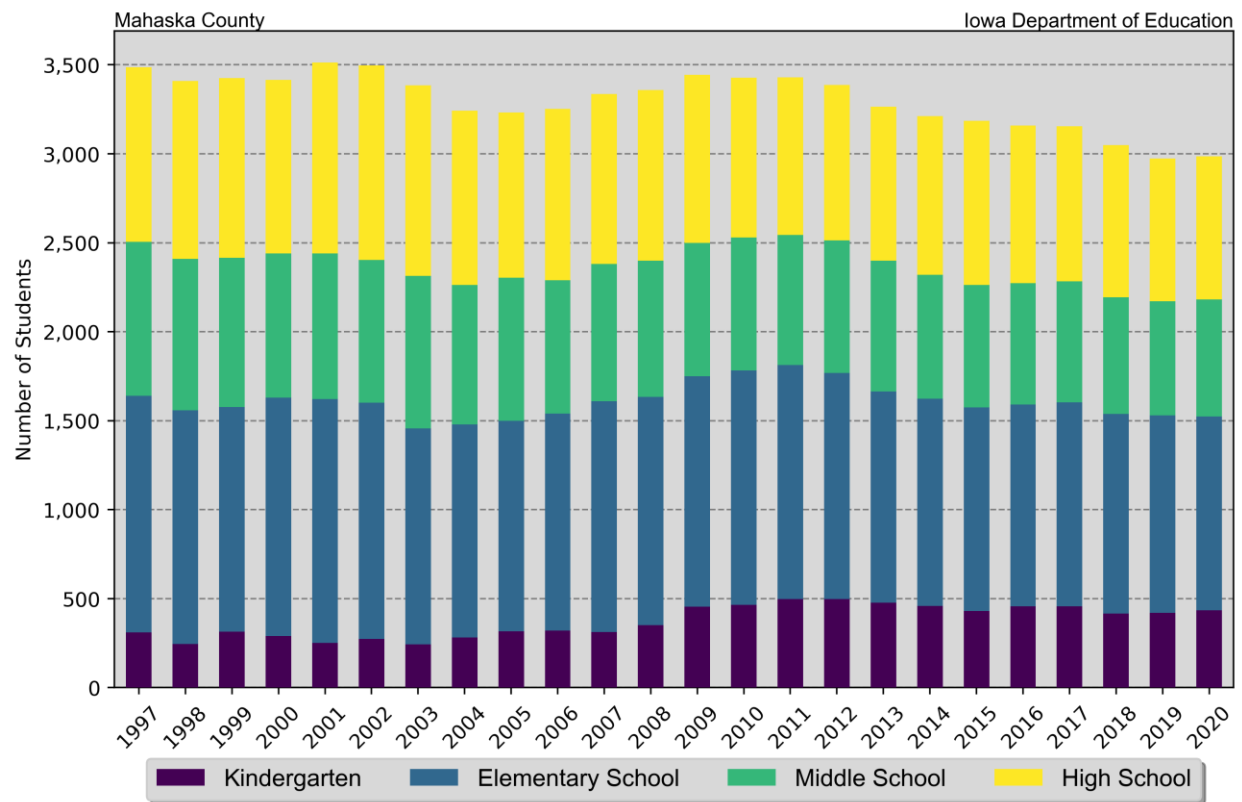
Age Range	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020 (p)
In													
14-17	0	1	1	0	1	1	1	1	0	3	2	5	0
18-22	37	34	20	33	31	33	31	23	37	35	27	33	11
23-25	31	21	35	37	31	30	35	20	26	39	29	26	6
26-35	58	75	50	40	46	62	62	55	45	43	47	56	19
36-45	37	30	25	25	31	28	34	28	30	26	24	28	6
46-55	22	21	17	22	22	18	23	23	27	28	17	37	12
56-65	15	10	21	17	19	13	22	26	19	30	24	19	5
66 +	7	8	6	8	6	11	9	21	15	16	12	20	2
Total	207	200	175	182	187	196	217	197	199	220	182	224	61
Out													
14-17	2	3	1	1	2	3	0	1	4	1	1	1	0
18-22	20	31	15	14	14	12	28	24	19	21	14	18	7
23-25	46	25	27	20	12	22	22	21	20	25	17	24	4
26-35	69	41	46	39	31	30	52	40	41	41	22	39	12
36-45	26	21	20	18	22	24	20	22	22	15	20	15	5
46-55	35	19	10	28	16	11	15	25	15	11	11	17	8
56-65	14	10	13	12	13	17	28	13	26	21	17	17	4
66 +	6	8	8	4	3	12	9	17	13	9	13	9	2
Total	218	158	140	136	113	131	174	163	160	144	115	140	42
Net													
14-17	-2	-2	0	-1	-1	-2	1	0	-4	2	1	4	0
18-22	17	3	5	19	17	21	3	-1	18	14	13	15	4
23-25	-15	-4	8	17	19	8	13	-1	6	14	12	2	2
26-35	-11	34	4	1	15	32	10	15	4	2	25	17	7
36-45	11	9	5	7	9	4	14	6	8	11	4	13	1
46-55	-13	2	7	-6	6	7	8	-2	12	17	6	20	4
56-65	1	0	8	5	6	-4	-6	13	-7	9	7	2	1
66 +	1	0	-2	4	3	-1	0	4	2	7	-1	11	0
Total	-11	42	35	46	74	65	43	34	39	76	67	84	19

School Age Enrollment

Table II.62.8, show the school enrollment from the Iowa Department of Education for Mahaska County. The school enrollment figures are for both public and private schools. As can be seen, in 2010 total enrollment was 3,428 students and was 2,986 in 2020, a change of -12.9 percent. Enrollment for students in grades 1 to 5 was 1,319 students in 2010 and 1,089 in 2020, which was a change of -17.4 percent. Likewise, 2010 enrollment for students in grades 9 to 12 was 898 and 805 in 2018, which was a change of -10.4 percent. This data is displayed in Diagram II.62.4.

Table II.62.8 School Enrollment Mahaska County Iowa Department of Education					
Year	Pre-K/K	Grades 1 - 5	Grades 6 - 8	Grades 9 - 12	Total
2000	289	1,340	810	976	3,491
2001	250	1,372	817	1,075	3,529
2002	273	1,329	802	1,092	3,499
2003	243	1,214	857	1,071	3,385
2004	282	1,197	784	979	3,249
2005	317	1,183	803	930	3,233
2006	320	1,219	751	963	3,253
2007	312	1,297	772	954	3,335
2008	350	1,284	766	958	3,358
2009	454	1,295	750	944	3,443
2010	464	1,319	747	898	3,428
2011	497	1,315	731	886	3,429
2012	497	1,270	747	873	3,387
2013	478	1,187	734	866	3,265
2014	459	1,165	696	892	3,212
2015	430	1,144	688	924	3,186
2016	457	1,134	682	885	3,158
2017	456	1,148	680	870	3,154
2018	415	1,122	656	856	3,049
2019	419	1,111	642	801	2,973
2020	435	1,089	657	805	2,986
% Change 10-20	-6.2%	-17.4%	-12%	-10.4%	-12.9%

Diagram II.62.4
School Age Cohorts
Mahaska County



Census Demographic Data

Census data is presented in one of four Summary Files (SF). In the 1980, 1990, and 2000 decennial censuses, the Census Bureau released the full SF1 100 percent count data²³, along with additional tabulations including the one-in-six SF3 sample. The Census Bureau did not collect additional sample data such as the SF3 in the 2010 decennial census, so many important housing and income concepts are not available in the 2010 Census.

To study these important housing and income concepts, the Census Bureau distributes the American Community Survey (ACS) every year to a sample of the population, then quantifies the results as one-, three- and five-year averages. The one-year sample only includes responses from the year the survey was implemented, while the five-year sample includes responses over a five-year period. The five-year estimates are more robust than the one or three year samples because they include more responses and can be tabulated down to the Census tract level.

The Census Bureau collects race data according to U.S. Office of Management and Budget guidelines, and these data are based on self-identification. Ancestry refers to one's ethnic origin or descent, "roots," or heritage, or the place of birth of the person or the person's parents or ancestors before their arrival in the United States. Ethnic identities may or may not represent geographic areas. People may choose to report more than one race group and people of any race may be of any ethnic origin. Hispanic origin can be viewed as the heritage, nationality, lineage, or country of birth of the person or the person's parents or ancestors before arriving in the United States. People who identify as Hispanic, Latino, or Spanish may be any race.

The Mahaska County population by race and ethnicity is shown in Table II.62.9. The white population represented 95.1 percent of the population in 2018, compared with black populations accounting for 1.6 percent of the population in 2018. Hispanic households represented 2.1 percent of the population in 2018.

Table II.62.9 Population by Race and Ethnicity Mahaska County 2010 Census & 2018 Five-Year ACS				
Race	2010 Census		2018 Five-Year ACS	
	Population	% of Total	Population	% of Total
White	21,428	95.7%	21,129	95.1%
Black	254	1.1%	347	1.6%
American Indian	60	0.3%	58	0.3%
Asian	255	1.1%	308	1.4%
Native Hawaiian/ Pacific Islander	4	0%	15	0.1%
Other	134	0.6%	82	0.4%
Two or More Races	246	1.1%	269	1.2%
Total	22,381	100.0%	22,208	100.0%
Non-Hispanic	22,021	98.4%	21,733	97.9%
Hispanic	360	1.6%	475	2.1%

The change in race and ethnicity between 2010 and 2018 is shown in Table II.62.10. During this time, the total non-Hispanic population was 21,733 persons in 2018, while the Hispanic population was 475.

Table II.62.10 Population by Race and Ethnicity Mahaska County 2010 Census & 2018 Five-Year ACS				
Race	2010 Census		2018 Five-Year ACS	
	Population	% of Total	Population	% of Total
Non-Hispanic				
White	21,242	96.5%	20,757	95.5%
Black	251	1.1%	339	1.6%
American Indian	47	0.2%	58	0.3%
Asian	250	1.1%	308	1.4%
Native Hawaiian/ Pacific Islander	4	0%	15	0.1%
Other	8	0%	7	0%
Two or More Races	219	1%	249	1.1%
Total Non-Hispanic	22,021	100.0%	21,733	100.0%
Hispanic				
White	186	51.7%	372	78.3%
Black	3	0.8%	8	1.7%
American Indian	13	3.6%	0	0%
Asian	5	1.4%	0	0%
Native Hawaiian/ Pacific Islander	0	0%	0	0%
Other	126	35%	75	15.8%
Two or More Races	27	7.5%	20	4.2%
Total Hispanic	360	100.0	475	100.0%
Total Population	22,381	100.0%	22,208	100.0%

Cohorts

Table II.62.11 shows the population distribution in Mahaska County by age. In 2010, children under the age of 5 accounted for 6.8 percent of the total population, which compared to 6.6 percent in 2018.

Table II.62.11 Population Distribution by Age Mahaska County 2018 Five-Year ACS Data				
Age	2010 Census		2018 Five-Year ACS	
	Number of Persons	Percent	Number of Persons	Percent
Under 5	1,515	6.8	1,460	6.6
5 to 19	4,585	20.5	4,509	20.3
20 to 24	1,508	6.7	1,311	5.9
25 to 34	2,612	11.7	2,577	11.6
35 to 54	5,804	25.9	5,312	23.9
55 to 64	2,759	12.3	3,094	13.9
65 or Older	3,598	16.1	3,945	17.8
Total	22,381	100%	22,208	100%

Table II.62.12 shows the population in Mahaska County by age and gender. In 2010, there were 2,612 people aged 25 to 34, made up of 1,320 men, and 1,292 women. In comparison, in 2018, there were 2,577 people in the 25 to 34 age cohort, with 1,362 men and 1,215 women.

Table II.62.12 Population by Age and Gender Mahaska County 2010 Census & 2018 Five-Year ACS Data								
Age	2010 Census				2018 Five Year ACs			
	Male	Female	Total	Percent	Male	Female	Total	Percent
Under 5	791	724	1,515	6.8%	780	680	1,460	6.6%
5 to 19	2,456	2,129	4,585	20.5%	2,397	2,112	4,509	20.3%
20 to 24	779	729	1,508	6.7%	693	618	1,311	5.9%
25 to 34	1,320	1,292	2,612	11.7%	1,362	1,215	2,577	11.6%
35 to 54	2,970	2,834	5,804	25.9%	2,712	2,600	5,312	23.9%
55 to 64	1,389	1,370	2,759	12.3%	1,547	1,547	3,094	13.9%
65 and Older	1,547	2,051	3,598	16.1%	1,761	2,184	3,945	17.8%
Total	11,252	11,129	22,381	100%	11,252	10,956	22,208	100%

Diagram II.62.5
Population Distribution by Age
Mahaska County
2010 Census and 2018 Five-Year ACS Data

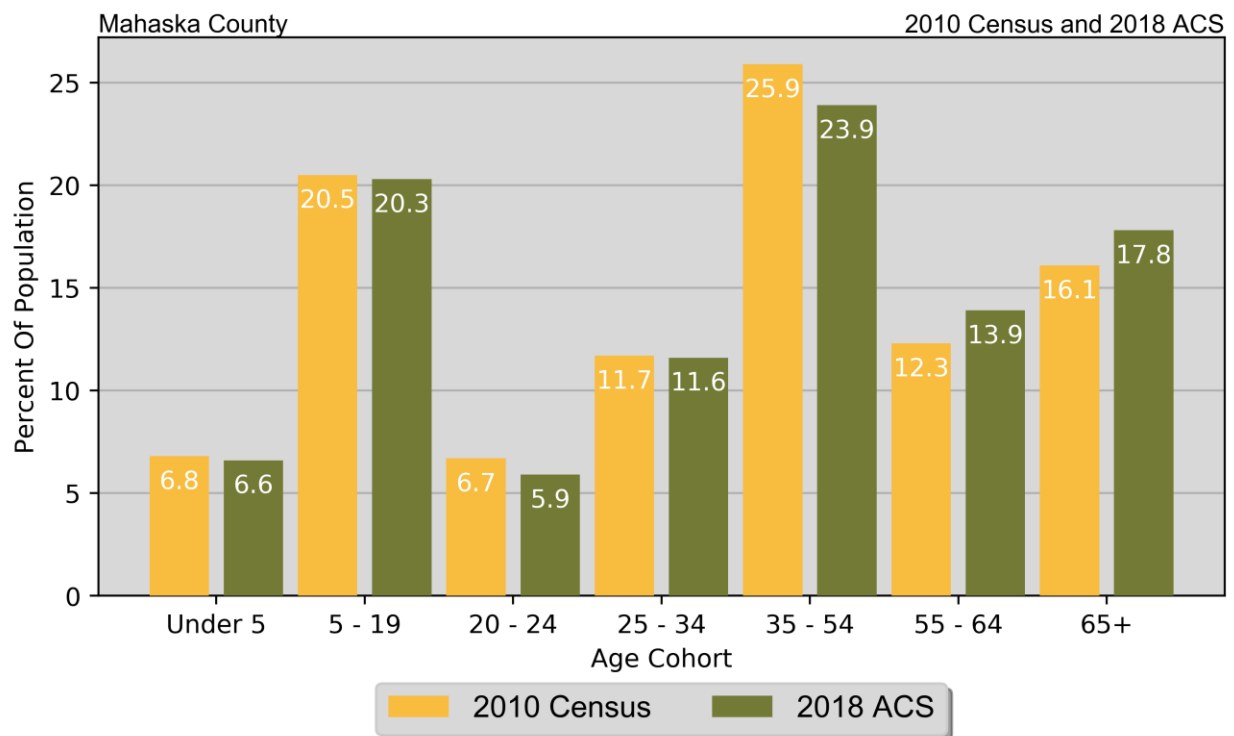
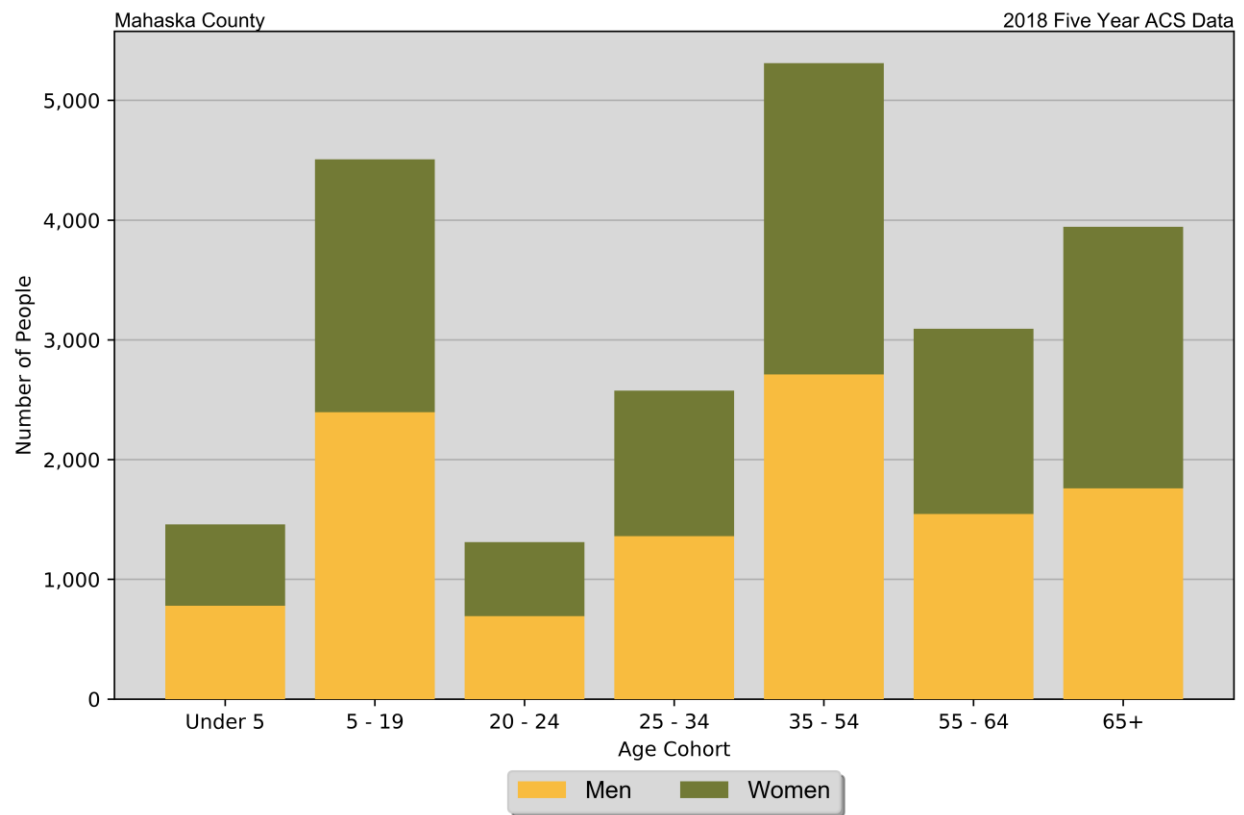


Diagram II.62.6
Population Distribution by Age and Gender
Mahaska County
2018 Five-Year ACS



Group Quarters Population

The group quarters population includes the institutionalized population, who live in correctional institutions, juvenile facilities, nursing homes, and other institutions, and the non-institutionalized population, who live in college dormitories, military quarters, and other group living situations. As seen in Table II.62.13, between 2000 and 2010, the institutionalized population changed -16.3 percent in Mahaska County, from 257 people in 2000 to 215 in 2010. The non-institutionalized population changed 38.3 percent, from 321 in 2000 to 444 in 2010.

Table II.62.13 Group Quarters Population Mahaska County 2000 & 2010 Census SF1 Data					
Group Quarters Type	2000 Census		2010 Census		% Change 00–10
	Population	% of Total	Population	% of Total	
Institutionalized					
Correctional Institutions	40	15.6%	16	7.4%	-60%
Juvenile Facilities	.	.	0	0%	.
Nursing Homes	217	84.4%	199	92.6%	-8.3%
Other Institutions	0	0%	0	0%	%
Total	257	100.0%	215	100.0%	-16.3%
Noninstitutionalized					
College Dormitories	291	90.7%	351	79.1%	20.6%
Military Quarters	0	0%	0	0%	%
Other Noninstitutionalized	30	9.3%	93	20.9%	210%
Total	321	100.0%	444	100.0%	38.3%
Group Quarters Population	578	100.0%	659	100.0%	14%

Foreign Born Populations

The number of foreign born persons are shown in Table II.62.14. An estimated 0.8 percent of the population was born in Japan, some 0.3 percent were born in Mexico, and another 0.3 percent were born in Philippines.

Table II.62.14 Place of Birth for the Foreign-Born Population Mahaska County 2018 Five-Year ACS			
Number	County	Number of Person	Percent of Total Population
#1 country of origin	Japan	168	0.8%
#2 country of origin	Mexico	66	0.3%
#3 country of origin	Philippines	66	0.3%
#4 country of origin	Jamaica	25	0.1%
#5 country of origin	Other Eastern Africa	25	0.1%
#6 country of origin	Laos	22	0.1%
#7 country of origin	Germany	20	0.1%
#8 country of origin	Thailand	19	0.1%
#9 country of origin	Netherlands	17	0.1%
#10 country of origin	Colombia	12	0.1%

The language spoken at home for those with Limited English Proficiency are shown in Table II.62.15. An estimated 0.6 percent of the population speaks Other Asian and Pacific Island languages at home, followed by 0.3 percent speaking Spanish.

Table II.62.15 Limited English Proficiency and Language Spoken at Home Mahaska County 2018 Five-Year ACS			
Number	County	Number of Person	Percent of Total Population
#1 LEP Language	Other Asian and Pacific Island languages	125	0.6%
#2 LEP Language	Spanish	72	0.3%
#3 LEP Language	Tagalog	50	0.2%
#4 LEP Language	Other and unspecified languages	6	0%
#5 LEP Language	German or other West Germanic languages	3	0%
#6 LEP Language	Arabic	0	0%
#7 LEP Language	Chinese	0	0%
#8 LEP Language	French, Haitian, or Cajun	0	0%
#9 LEP Language	Korean	0	0%
#10 LEP Language	Other Indo-European languages	0	0%

Disability

Disability by age, as estimated by the 2018 ACS, is shown in Table II.62.16, below. The disability rate for females was 15 percent, compared to 12.3 percent for males. The disability rate grew precipitously higher with age, with 41.2 percent of those over 75 experiencing a disability.

Table II.62.16 Disability by Age Mahaska County 2018 Five-Year ACS Data						
Age	Male		Female		Total	
	Disabled Population	Disability Rate	Disabled Population	Disability Rate	Disabled Population	Disability Rate
Under 5	0	0%	28	4.1%	28	1.9%
5 to 17	173	8.5%	43	2.3%	216	5.6%
18 to 34	215	8.9%	175	8.3%	390	8.6%
35 to 64	456	10.7%	671	16.2%	1,127	13.4%
65 to 74	304	29.8%	258	23.7%	562	26.6%
75 or Older	221	32.8%	451	47.1%	672	41.2%
Total	1,369	12.3%	1,626	15%	2,995	13.6%

The number of disabilities by type, as estimated by the 2018 ACS, is shown in Table II.62.17. Some 7.2 percent have an ambulatory disability, 6.7 have an independent living disability, and 2.9 percent have a self-care disability.

Table II.62.17 Total Disabilities Tallied: Aged 5 and Older Mahaska County 2018 Five-Year ACS		
Disability Type	Population with Disability	Percent with Disability
Hearing disability	939	4.3%
Vision disability	467	2.1%
Cognitive disability	928	4.5%
Ambulatory disability	1,479	7.2%
Self-Care disability	588	2.9%
Independent living difficulty	1,114	6.7%

Education and Employment

Education and employment data from the Mahaska County 2018 Five-Year ACS is presented in Table II.62.18, Table II.62.19, and Table II.62.20. In 2018, 11,384 people were in the labor force, including 10,783 employed and 601 unemployed people. The unemployment rate for Mahaska County was estimated at 5.3 percent in 2018.

Table II.62.18 Employment, Labor Force and Unemployment Mahaska County 2018 Five-Year ACS Data	
Employment Status	2018 Five-Year ACS
Employed	10,783
Unemployed	601
Labor Force	11,384
Unemployment Rate	5.3%

Table II.62.19 and Table II.62.20 show educational attainment in Mahaska County. In 2018, 92.2 percent of households had a high school education or greater, including 37.1 percent with a high school diploma or equivalent, 33.3 percent with some college, 14.6 percent with a Bachelor's Degree, and 6 percent with a graduate or professional degree.

Table II.62.19 High School or Greater Education Mahaska County 2018 Five-Year ACS Data	
Education Level	Households
High School or Greater	8,142
Total Households	8,829
Percent High School or Above	92.2%

Table II.62.20 Educational Attainment Mahaska County 2018 Five-Year ACS Data		
Education Level	2018 Five-Year ACS	Percent
Less Than High School	1,511	8.9%
High School or Equivalent	6,270	37.1%
Some College or Associates Degree	5,617	33.3%
Bachelor's Degree	2,469	14.6%
Graduate or Professional Degree	1,017	6%
Total Population Above 18 years	16,884	100.0%

Commuting Patterns

Table II.62.21 shows the place of work by county of residence. In 2010 63.2 percent of residents worked within the county they reside with 36.6 percent working outside their home county. This compares to 61.9 percent of residents in 2018 who worked within the county in which they resided and 37.7 percent of residents worked outside their home county but still within the state.

Table II.62.21 Place of Work Mahaska County 2010 and 2018 Five-Year ACS Data				
Place of work	2010 Five-Year ACS	% of Total	2018 Five-Year ACS	% of Total
Worked in county of residence	6,874	63.2%	6,603	61.9%
Worked outside county of residence	3,980	36.6%	4,023	37.7%
Worked outside state of residence	21	0.2%	39	0.4%
Total	10,875	100.0%	10,665	100.0%

Table II.62.22 shows the aggregate travel time to work based on place of work and residence. In Mahaska County the total aggregate travel time was 184,880 minutes, with residents working in their home county spending a total of 65,235 minutes traveling.

Table II.62.22 Aggregate Travel Time to Work (in Minutes) Mahaska County 2010 & 2018 Five-Year ACS Data				
Place of Work	2010 Five-Year ACS	% of Total	2018 Five-Year ACS	% of Total
Worked in county of residence	64,985	36.3%	65,235	35.3%
Worked outside county of residence	113,625	63.5%	118,360	64%
Worked outside State of residence	225	0.1%	1,285	0.7%
Aggregate travel time to work (in minutes):	178,835	100.0%	184,880	100.0%

Table II.62.23 shows the average travel time to work based on place of work and residence. In 2018 the overall aggregate travel time was 178,835 minutes. Residents working within their home county spent an average of 9.9 minutes commuting to work, with those working outside their county of residence spending an average of 29.4 minutes on their commute.

Table II.62.23
Average Travel Time to Work (in Minutes)
 Mahaska County
 2010 & 2018 Five-Year ACS Data

Place of Work	2010 Five-Year ACS	2018 Five-Year ACS
Worked in county of residence	9.5	9.9
Worked outside county of residence	28.5	29.4
Worked outside State of residence	10.7	32.9
Average travel time to work (in minutes):	16.4	17.3

Table II.62.24 shows the means of transportation to work. In 2018, 79.4 percent of commuters drove alone in a car, truck, or van. Only 8.1 percent carpooled, with an additional 0.4 percent taking public transportation. Also, there were 552 persons or 5.2 percent who worked from home.

Table II.62.24
Means of Transportation to Work
 Mahaska County
 2010 & 2018 Five-Year ACS Data

Means	2010 Five-Year ACS	% of Total	2018 Five-Year ACS	% of Total
Car, truck, or van: Drove alone	7,836	72.1%	8,473	79.4%
Car, truck, or van: Carpooled:	1,414	13%	863	8.1%
Public transportation (excluding taxicab):	36	0.3%	47	0.4%
Taxicab	0	0%	0	0%
Motorcycle	38	0.3%	14	0.1%
Bicycle	90	0.8%	122	1.1%
Walked	613	5.6%	475	4.5%
Other means	61	0.6%	119	1.1%
Worked at home	787	7.2%	552	5.2%
Total	10,875	100.0%	10,665	100.0%

Table II.62.25 shows the breakdown of the means of transportation by tenure. In 2018, 62.2 percent of commuters owned their home and commuted alone by car, which compares to 62.3 percent in 2010. There were also 1,912 renters who drove alone in 2018 and accounted for 18.3 percent of the total commuter population. Commuters who owned their own home and took public transportation represented 0.3 percent of the population, which compares to 0 renters, or 0 percent taking public transportation.

Table II.62.25 Means Of Transportation To Work By Tenure Mahaska County 2010 & 2018 Five-Year ACS Data				
Tenure	2010 Five-Year ACS	% of Total	2018 Five-Year ACS	% of Total
Car, truck, or van - drove alone:				
Owner	6,479	62.3%	6,507	62.2%
Renter	1,210	11.6%	1,912	18.3%
Car, truck, or van - carpooled:				
Owner	1,093	10.5%	590	5.6%
Renter	277	2.7%	256	2.4%
Public transportation (excluding taxicab):				
Owner	7	0.1%	28	0.3%
Renter	29	0.3%	0	0%
Walked:				
Owner	181	1.7%	157	1.5%
Renter	306	2.9%	217	2.1%
Taxicab, motorcycle, bicycle, or other means:				
Owner	144	1.4%	130	1.2%
Renter	45	0.4%	124	1.2%
Worked at home:				
Owner	587	5.6%	445	4.3%
Renter	50	0.5%	88	0.8%
Total:	10,408	100.0%	10,454	100.0%

Iowa Laborshed Study

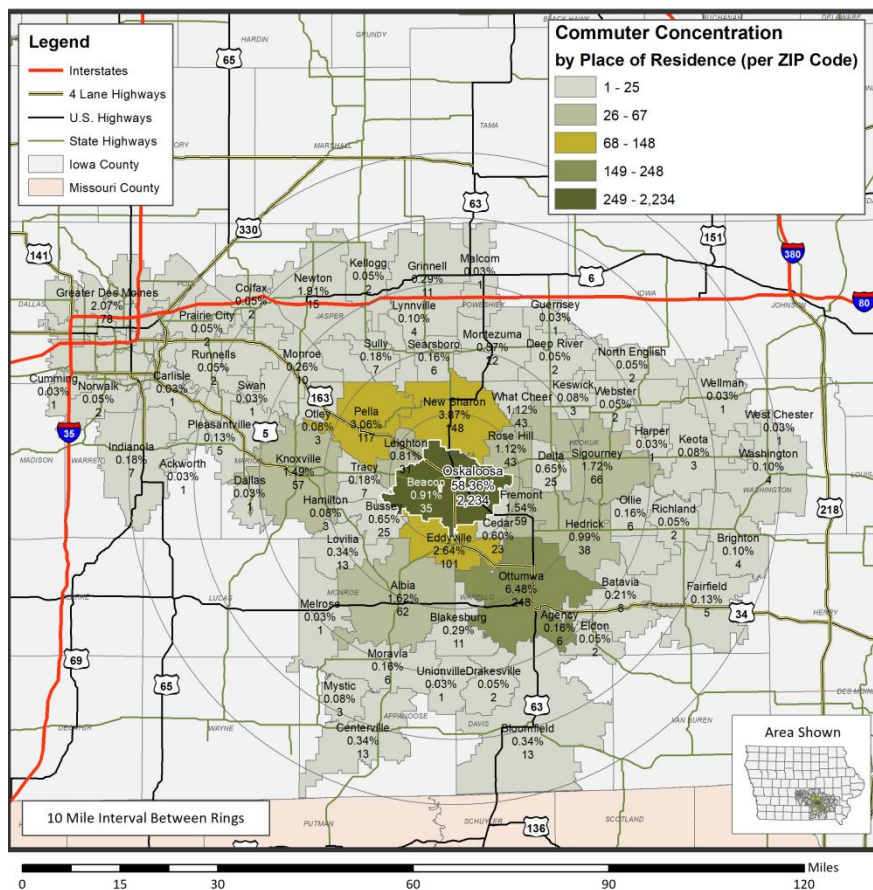
Laborshed studies are supply-side, labor availability studies. They provide community leaders, economic developers, site selectors and existing or prospective employers a flexible tool for understanding the workforce characteristics of their local labor market.

According to the Iowa Workforce Development agency, a laborshed is defined as the area or region from which an employment center draws its commuting workers. It shows the distribution of these workers regardless of political boundaries. Laborshed studies also address underemployment, availability of labor and likeliness of the employed or not employed to change or accept employment. Other topics covered within a Laborshed analysis include: current and desired occupations, wages, hours worked, job search resources and distance willing to commute to work.²⁴

For more information visit:

<https://www.iowaworkforcedevelopment.gov/laborshed-studies>

Map II.62.1
Laborshed Study
Mahaska County



²⁴ <https://www.iowaworkforcedevelopment.gov/laborshed-studies>

Economics

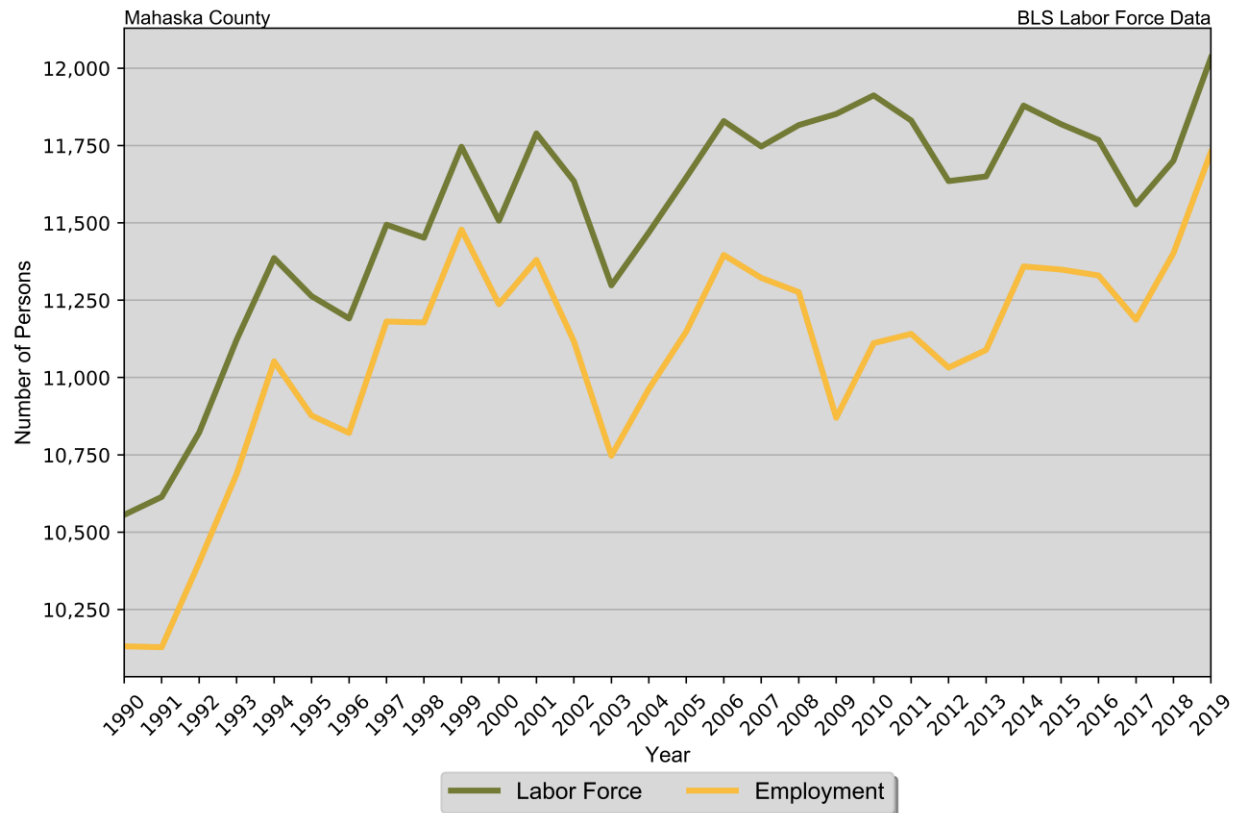
Labor Force

Table II.62.26 shows labor force statistics for Mahaska County between 1990 and 2019. Over the entire series the lowest unemployment rate occurred in 1999 with a rate of 2.3 percent. The highest level of unemployment occurred during 2009 rising to a rate of 8.3 percent. This compared to a statewide low of 2.6 in 1999 and statewide high of 6.4 percent in 2009. Over the last year, the unemployment rate in Mahaska County decreased from 2.6 percent in 2018 to 2.5 percent in 2019, which compared to a statewide increase to 2.7 percent.

Table II.62.26 Labor Force Statistics Mahaska County 1990 - 2019 BLS Data					
Year	Mahaska County				Statewide
	Unemployment	Employment	Labor Force	Unemployment Rate	Unemployment Rate
1990	425	10,131	10,556	4.0%	4.4%
1991	486	10,128	10,614	4.6%	4.7%
1992	420	10,402	10,822	3.9%	4.5%
1993	434	10,688	11,122	3.9%	4.0%
1994	334	11,052	11,386	2.9%	3.5%
1995	386	10,877	11,263	3.4%	3.4%
1996	370	10,821	11,191	3.3%	3.5%
1997	313	11,181	11,494	2.7%	3.1%
1998	274	11,178	11,452	2.4%	2.7%
1999	268	11,478	11,746	2.3%	2.6%
2000	270	11,237	11,507	2.3%	2.6%
2001	409	11,380	11,789	3.5%	3.3%
2002	518	11,117	11,635	4.5%	4.0%
2003	551	10,747	11,298	4.9%	4.5%
2004	506	10,963	11,469	4.4%	4.5%
2005	498	11,149	11,647	4.3%	4.3%
2006	433	11,396	11,829	3.7%	3.7%
2007	425	11,322	11,747	3.6%	3.7%
2008	540	11,276	11,816	4.6%	4.2%
2009	982	10,870	11,852	8.3%	6.4%
2010	801	11,111	11,912	6.7%	6.0%
2011	690	11,141	11,831	5.8%	5.5%
2012	603	11,032	11,635	5.2%	5.0%
2013	561	11,089	11,650	4.8%	4.7%
2014	520	11,359	11,879	4.4%	4.2%
2015	470	11,349	11,819	4.0%	3.8%
2016	438	11,330	11,768	3.7%	3.6%
2017	373	11,187	11,560	3.2%	3.1%
2018	299	11,402	11,701	2.6%	2.6%
2019	305	11,729	12,034	2.5%	2.7%

Diagram II.62.7, shows the employment and labor force for Mahaska County. The difference between the two lines represents the number of unemployed persons. In the most recent year, employment stood at 11,729 persons, with the labor force reaching 12,034, indicating there were a total of 305 unemployed persons.

Diagram II.62.7
Employment and Labor Force
Mahaska County

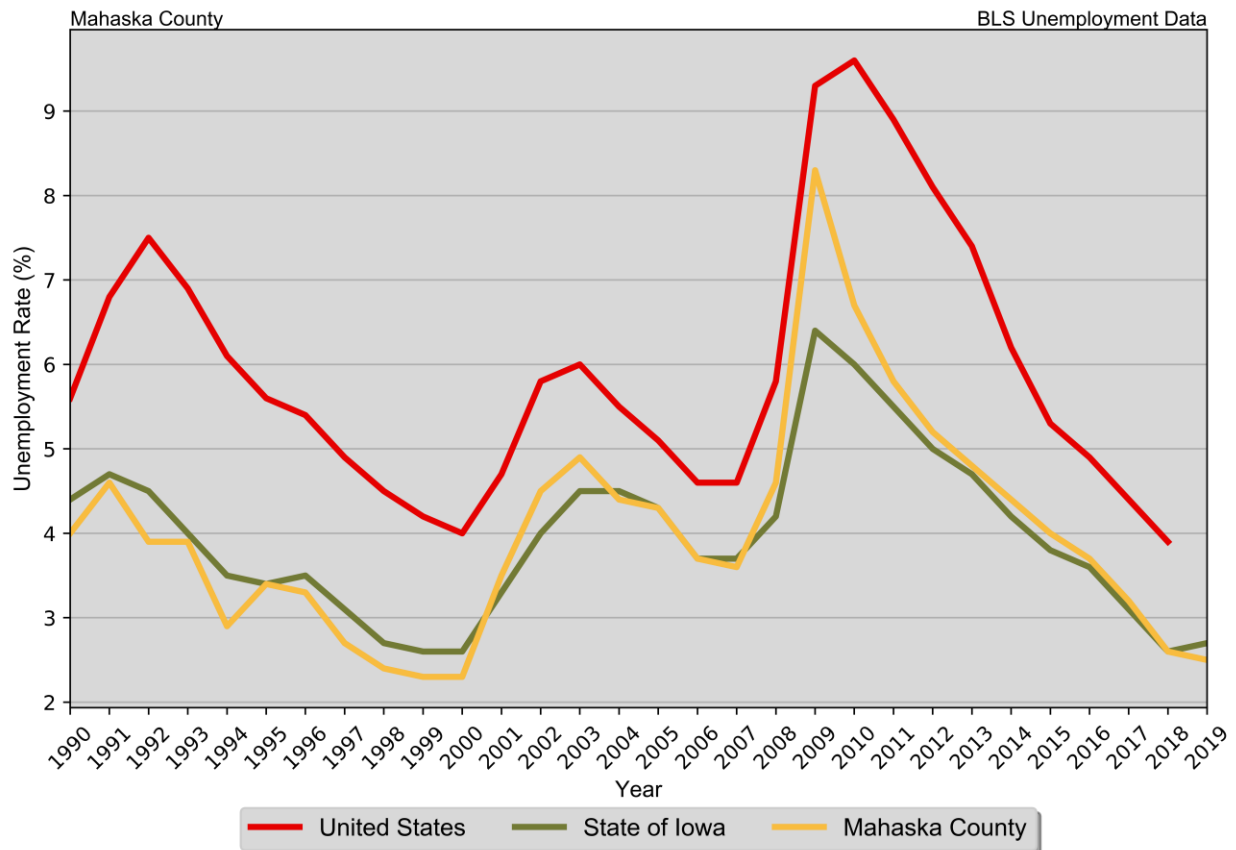


Annual Unemployment

Diagram II.62.8, shows the unemployment rate for both the State and Mahaska County. During the 1990's the average rate for Mahaska County was 3.3 percent, which compared to 3.6 percent statewide. Between 2000 and 2010 the unemployment rate had an average of 4.4 percent, which compared to 4.1 percent statewide. Since 2010, the average unemployment rate was 4.3 percent. Over the course of the entire period the Mahaska County had an average unemployment rate higher than the State, 4.0 percent for Mahaska County, versus 4.0 statewide.

Diagram II.62.8
Annual Unemployment Rate

Mahaska County
1990 – 2019 BLS Data

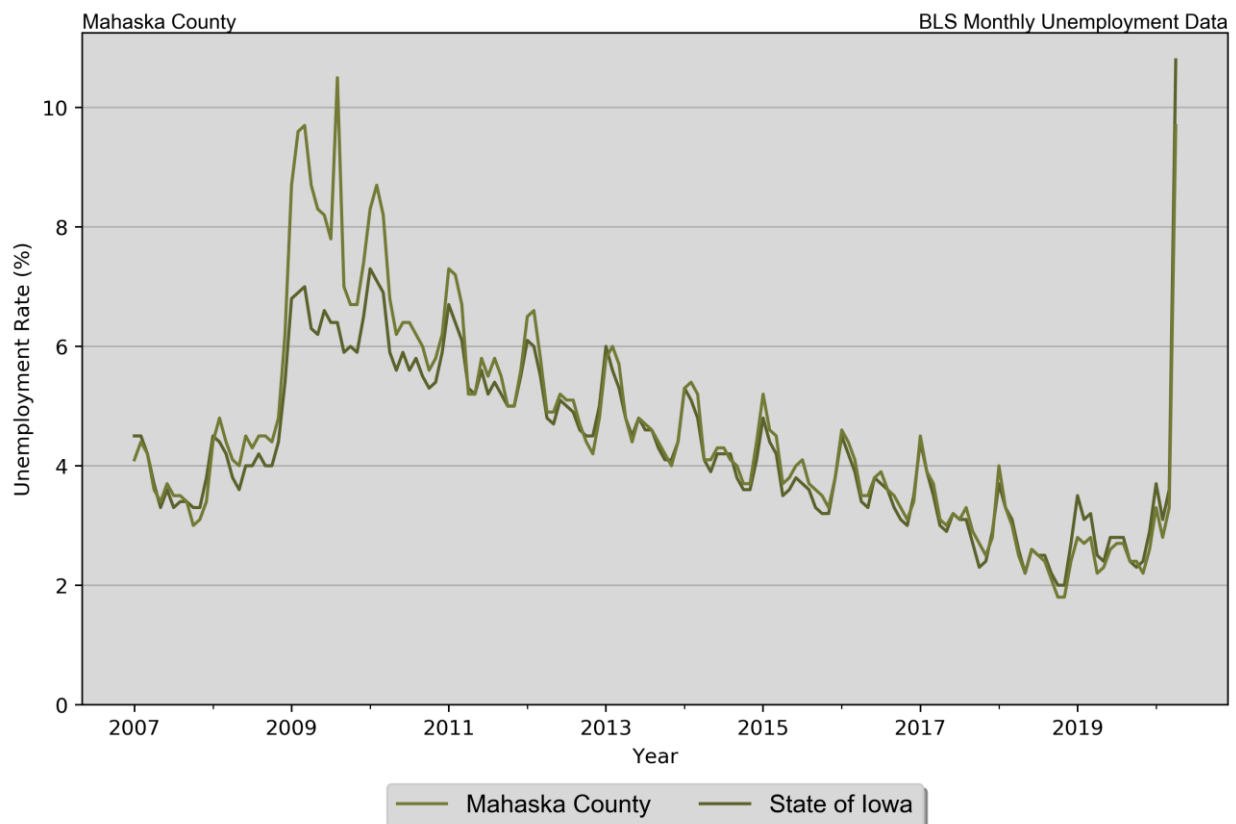


Monthly Unemployment

Table II.62.27 displays the monthly unemployment rate in Mahaska County from January 2007 through April 2020. This data is also shown in Diagram II.62.9.

Table II.62.27 Monthly Unemployment Rate Mahaska County 2007 – 20120 (p) BLS Data												
Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Unemployment Rate (%)												
2007	4.1	4.4	4.2	3.6	3.4	3.7	3.5	3.5	3.4	3.0	3.1	3.4
2008	4.4	4.8	4.4	4.1	4.0	4.5	4.3	4.5	4.5	4.4	4.8	6.2
2009	8.7	9.6	9.7	8.7	8.3	8.2	7.8	10.5	7.0	6.7	6.7	7.4
2010	8.3	8.7	8.2	6.8	6.2	6.4	6.4	6.2	6.0	5.6	5.8	6.2
2011	7.3	7.2	6.7	5.2	5.2	5.8	5.5	5.8	5.5	5.0	5.0	5.6
2012	6.5	6.6	5.8	4.9	4.9	5.2	5.1	5.1	4.7	4.4	4.2	4.8
2013	5.8	6.0	5.7	4.8	4.4	4.8	4.7	4.6	4.4	4.2	4.0	4.4
2014	5.3	5.4	5.2	4.1	4.1	4.3	4.3	4.1	4.0	3.7	3.7	4.4
2015	5.2	4.6	4.5	3.7	3.8	4.0	4.1	3.7	3.6	3.5	3.3	3.8
2016	4.6	4.4	4.1	3.5	3.5	3.8	3.9	3.6	3.5	3.3	3.1	3.4
2017	4.5	3.9	3.7	3.1	3.0	3.2	3.1	3.3	2.9	2.7	2.5	2.8
2018	4.0	3.3	3.0	2.5	2.2	2.6	2.5	2.4	2.1	1.8	1.8	2.4
2019	2.8	2.7	2.8	2.2	2.3	2.6	2.7	2.7	2.4	2.4	2.2	2.6
2020 (p)	3.3	2.8	3.3	9.7

Diagram II.62.9
Monthly Unemployment Rate
 Mahaska County

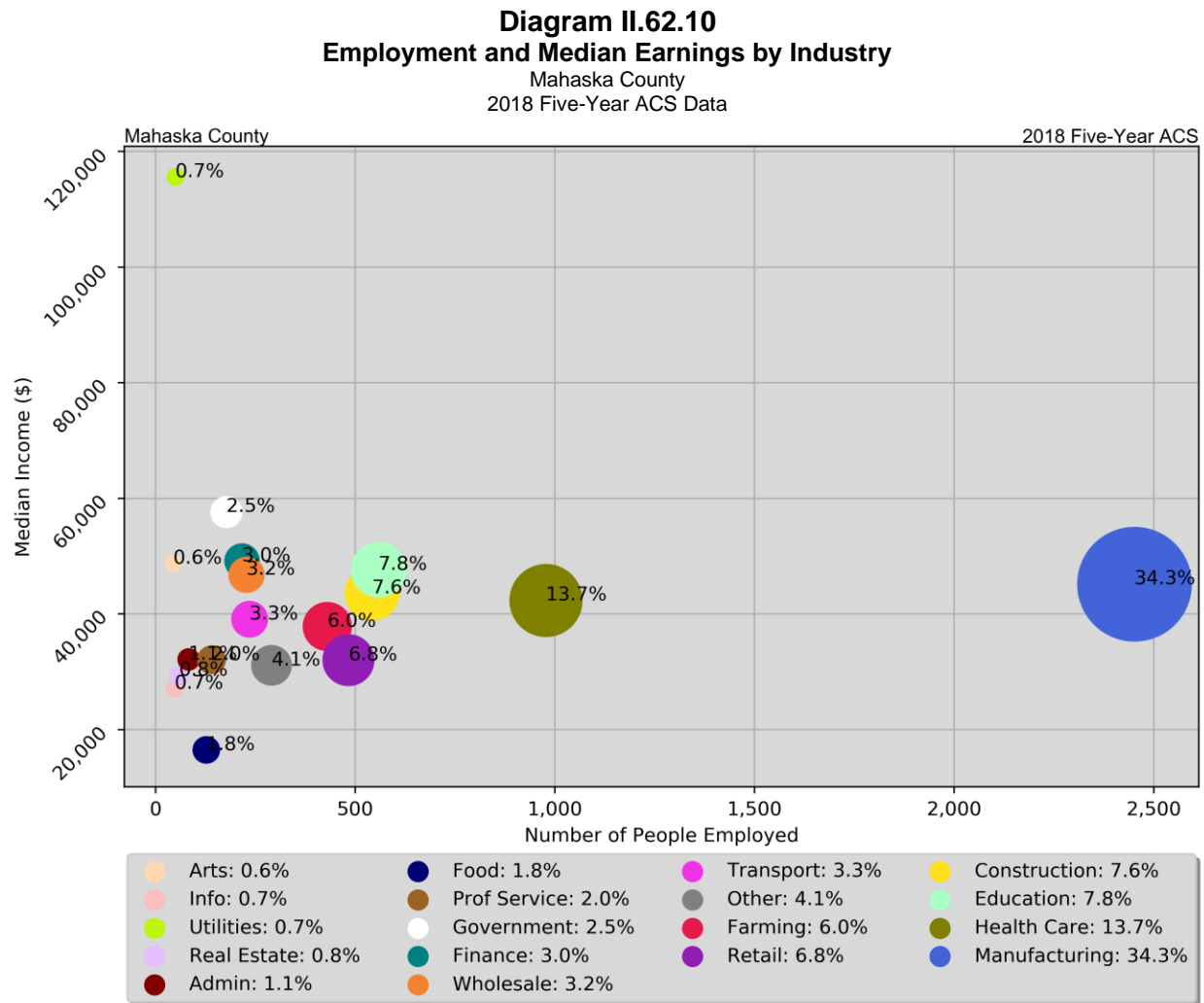


Employment by Industry

Table II.62.28 shows employment and median earnings by industry for Mahaska County from the 2018 Five-Year ACS. In 2018, the largest industry by number of people employed in Mahaska County was Manufacturing, which employed 2,451 people and paid a median salary of 45,186 dollars. The highest paying industry in Mahaska County was the Utilities industry, which paid a median salary of 115,625 dollars in 2018.

Table II.62.28 City Level Employment by Industry Mahaska County 2018 Five Year ACS Data			
Industry	Total Employment	Percent of Employment	Median Earnings
Admin	82	1%	\$32,174
Arts	44	1%	\$48,750
Construction	542	8%	\$43,622
Education	558	8%	\$47,683
Farming	430	6%	\$37,857
Finance	216	3%	\$49,167
Food	127	2%	\$16,528
Health Care	977	14%	\$42,369
Info	47	1%	\$27,120
Management	2	0%	\$0
Manufacturing	2,451	34%	\$45,186
Mining	10	0%	\$0
Other	290	4%	\$31,136
Prof Service	140	2%	\$32,102
Government	177	3%	\$57,670
Real Estate	58	1%	\$29,408
Retail	483	7%	\$32,031
Transport	235	3%	\$39,097
Utilities	49	1%	\$115,625
Wholesale	227	3%	\$46,806

Diagram II.62.10 displays employment and earnings data for 2018 in Mahaska County. Only industries that employed more than 0.0 percent of people and had accurate median earnings data are included in Diagram II.62.10.



Earnings and Employment

The Bureau of Economic Analysis (BEA) produces regional economic accounts, which provide a consistent framework for analyzing and comparing individual state and local area economies. Table II.62.29, shows total real earnings by industry for Mahaska County. In 2018, the manufacturing industry had the largest total real earnings with 139,598,000 dollars. Between 2017 and 2018, the farm industry saw the largest percentage increase of 75.6 percent, to 53,823,000 dollars.

Table II.62.29 Real Earnings by Industry Mahaska County BEA Table CA-5N Data (1,000's of 2019 Dollars)										
NAICS Categories	2010	2011	2012	2013	2014	2015	2016	2017	2018	% Change 17-18
Farm earnings	26,824	79,643	83,509	94,628	66,154	46,244	26,265	30,655	53,823	75.6
Forestry, fishing, related activities, and other	0	0	0	0	0	0	0	0	0	0.0
Mining	0	0	0	0	0	0	0	-5	22	-529.5
Utilities	0	0	0	0	0	0	0	0	0	0.0
Construction	32,724	35,522	38,331	35,432	32,330	30,765	41,962	28,907	28,411	-1.7
Manufacturing	97,332	102,985	111,579	110,488	113,974	112,833	116,471	125,855	139,598	10.9
Wholesale trade	35,014	32,630	32,518	26,944	26,013	26,524	26,368	26,263	0	-100.0
Retail trade	34,944	34,512	32,970	31,661	32,902	32,271	33,418	32,716	32,875	0.5
Transportation and warehousing	0	0	0	0	0	0	0	0	27,436	0.0
Information	7,192	6,748	6,743	6,746	6,464	6,298	6,548	6,491	7,087	9.2
Finance and insurance	13,239	11,759	13,455	13,480	13,518	13,481	13,023	12,756	12,691	-0.5
Real estate and rental and leasing	2,817	3,151	4,742	6,477	5,652	6,131	6,248	6,009	6,057	0.8
Professional and technical services	11,883	11,987	13,131	12,939	14,948	14,461	14,786	15,829	15,190	-4.0
Management of companies and enterprises	5,185	4,955	3,388	2,907	2,470	2,223	1,800	1,708	1,732	1.4
Administrative and waste services	5,117	4,871	4,608	4,991	4,759	4,835	4,939	5,684	6,886	21.2
Educational services	0	0	15,916	14,957	15,106	13,858	14,315	12,911	12,147	-5.9
Health care and social assistance	0	0	31,454	29,637	27,628	26,795	28,408	29,089	29,914	2.8
Arts, entertainment, and recreation	1,337	1,404	2,493	2,853	3,336	3,070	2,465	1,253	1,148	-8.4
Accommodation and food services	9,218	9,345	9,178	9,174	10,386	9,496	9,552	10,053	10,232	1.8
Other services, except public administration	22,378	22,268	20,800	19,662	20,168	21,266	22,176	22,904	23,767	3.8
Government and government enterprises	93,267	91,760	90,811	94,606	98,574	101,260	99,800	98,122	99,001	0.9
Total	480,205	534,717	549,722	547,774	528,092	507,089	504,531	508,923	545,700	7.2

Table II.62.30, shows the total employment by industry for the Mahaska County. The most recent estimates show the manufacturing industry was the largest employer in Mahaska County, with employment reaching 1,780 jobs in 2018. Between 2017 and 2018 the administrative and waste management services industry saw the largest percentage increase, rising by 17.8 percent to 278 jobs.

Table II.62.30 Employment by Industry Mahaska County BEA Table CA25 Data										
NAICS Categories	2010	2011	2012	2013	2014	2015	2016	2017	2018	% Change 17-18
Farm earnings	985	991	967	1,007	953	995	983	955	956	0.1
Forestry, fishing, related activities, and other	0	0	0	0	0	0	0	0	0	0.0
Mining	0	0	0	0	0	0	0	1	1	0.0
Utilities	0	0	0	0	0	0	0	0	0	0.0
Construction	599	606	635	618	615	599	705	588	566	-3.7
Manufacturing	1,270	1,420	1,567	1,613	1,598	1,609	1,582	1,636	1,780	8.8
Wholesale trade	479	482	463	456	460	464	426	386	0	-100.0
Retail trade	1,428	1,492	1,407	1,409	1,415	1,421	1,451	1,399	1,404	0.4
Transportation and warehousing	0	0	0	0	0	0	0	0	483	0.0
Information	146	136	139	139	133	133	133	124	129	4.0
Finance and insurance	300	328	327	318	314	310	318	316	315	-0.3
Real estate and rental and leasing	240	250	257	270	311	298	294	292	303	3.8
Professional and technical services	278	289	288	281	305	287	298	312	303	-2.9
Management of companies and enterprises	77	76	63	74	62	67	63	57	59	3.5
Administrative and waste services	257	238	232	229	221	227	226	236	278	17.8
Educational services	0	0	559	543	586	542	527	467	430	-7.9
Health care and social assistance	0	0	959	951	887	862	868	868	882	1.6
Arts, entertainment, and recreation	110	131	184	192	204	188	159	112	118	5.4
Accommodation and food services	610	628	619	616	654	629	583	607	617	1.6
Other services, except public administration	767	786	673	647	659	745	740	730	750	2.7
Government and government enterprises	1,541	1,552	1,550	1,540	1,580	1,541	1,569	1,529	1,507	-1.4
Total	11,125	11,489	11,515	11,500	11,638	11,588	11,551	11,270	11,429	1.4

Table II.62.31, shows the real average earnings per job by industry for Mahaska County. These figures are calculated by dividing the total real earning displayed in Tables II.62.18 and II.62.19, by industry. In 2018, the manufacturing industry had the highest average earnings reaching 78,426 dollars. Between 2017 and 2018 the farm industry saw the largest percentage increase, rising by 75.4 percent to 56,300 dollars.

Table II.62.31
Real Earnings Per Job by Industry
 Mahaska County
 BEA Table CA5N and CA25 Data

NAICS Categories	2010	2011	2012	2013	2014	2015	2016	2017	2018	% Change 17-18
Farm earnings	27,232	80,366	86,359	93,971	69,416	46,476	26,719	32,099	56,300	75.4
Forestry, fishing, related activities, and other	0	0	0	0	0	0	0	0	0	0.0
Mining	0	0	0	0	0	0	0	-5,212	22,385	-529.5
Utilities	0	0	0	0	0	0	0	0	0	0.0
Construction	54,631	58,616	60,365	57,334	52,569	51,361	59,521	49,161	50,196	2.1
Manufacturing	76,640	72,525	71,205	68,498	71,323	70,126	73,623	76,928	78,426	1.9
Wholesale trade	73,098	67,698	70,233	59,087	56,549	57,163	61,897	68,040	0	0.0
Retail trade	24,471	23,131	23,433	22,470	23,252	22,710	23,031	23,385	23,416	0.1
Transportation and warehousing	0	0	0	0	0	0	0	0	56,803	0.0
Information	49,260	49,617	48,509	48,534	48,598	47,356	49,231	52,343	54,937	5.0
Finance and insurance	44,131	35,850	41,147	42,391	43,051	43,486	40,954	40,367	40,290	-0.2
Real estate and rental and leasing	11,739	12,605	18,450	23,988	18,172	20,573	21,253	20,579	19,991	-2.9
Professional and technical services	42,746	41,477	45,595	46,047	49,010	50,388	49,618	50,733	50,133	-1.2
Management of companies and enterprises	67,334	65,194	53,772	39,286	39,833	33,182	28,570	29,971	29,352	-2.1
Administrative and waste services	19,910	20,467	19,861	21,793	21,535	21,299	21,854	24,084	24,771	2.9
Educational services	0	0	28,472	27,546	25,779	25,569	27,162	27,647	28,249	2.2
Health care and social assistance	0	0	32,799	31,164	31,148	31,085	32,728	33,513	33,916	1.2
Arts, entertainment, and recreation	12,158	10,717	13,550	14,860	16,352	16,328	15,501	11,186	9,727	-13.0
Accommodation and food services	15,111	14,881	14,826	14,893	15,881	15,097	16,384	16,562	16,583	0.1
Other services, except public administration	29,176	28,331	30,906	30,390	30,604	28,545	29,967	31,375	31,689	1.0
Government and government enterprises	60,524	59,124	58,588	61,433	62,389	65,710	63,608	64,174	65,694	2.4
Total	43,164	46,542	47,740	47,633	45,377	43,760	43,679	45,157	47,747	5.7

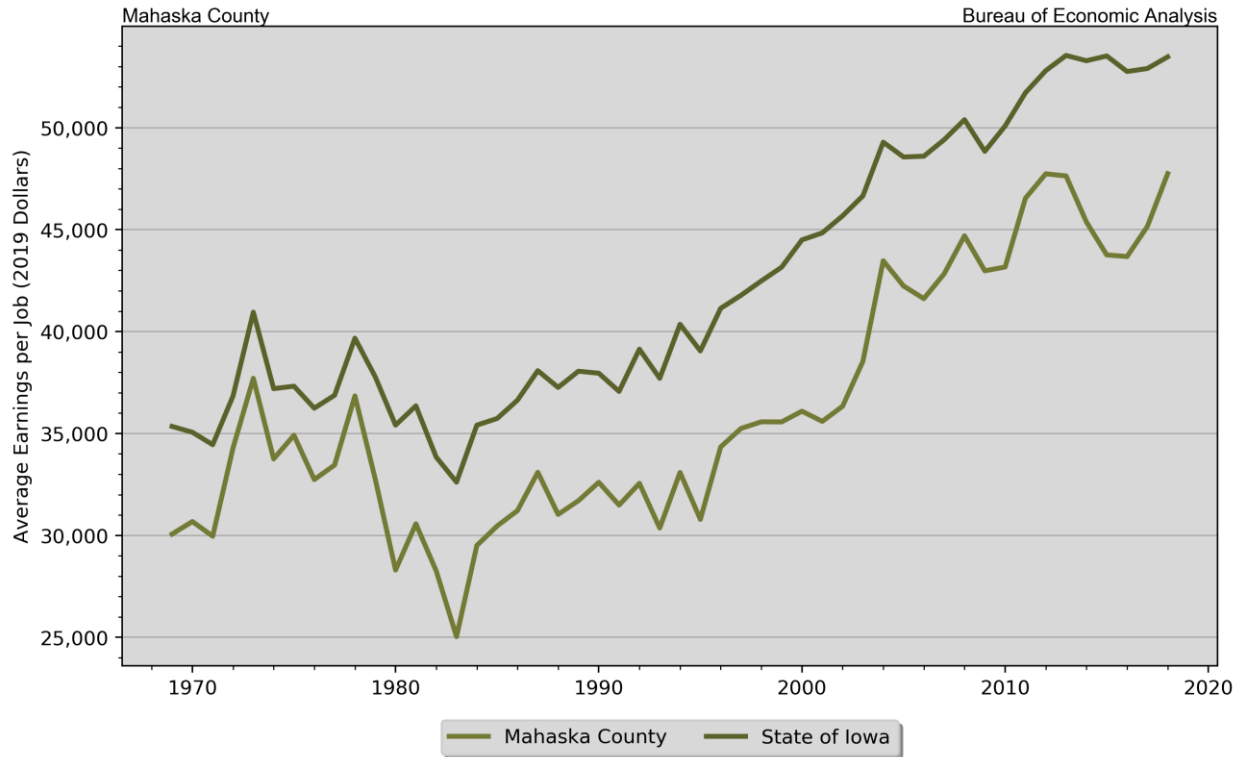
Table II.62.32 shows total employment and real personal income for the years of 1969 to 2018. Total real personal income includes all wage and salary earnings, proprietorship income, dividends, interest, rents, and transfer payments. In 2018, total real personal income was 983,022,000 dollars, a 6.1 percent change between 2017 and 2018. Total employment was 11,125 in 2010 and 11,429 in 2018, a change of 1.4 percent over the period.

Table II.62.32
Total Employment and Real Personal Income
 Mahaska County
 BEA Data 1969 Through 2018

Year	1,000s of 2019 Dollars						Per Capita Income	Total Employment	Average Real Earnings Per Job
	Earnings	Social Security Contributions	Residents Adjustments	Dividends, Interest, Rents	Transfer Payments	Personal Income			
1969	285,145	15,919	19,504	64,163	42,379	395,270	18,063	9,484	30,065
1970	294,961	16,459	17,517	69,803	46,397	412,219	18,543	9,614	30,679
1971	294,440	17,652	19,077	73,666	49,748	419,280	18,599	9,827	29,961
1972	342,232	19,887	23,508	79,329	50,227	475,409	21,097	9,981	34,288
1973	395,589	24,186	25,433	88,010	54,209	539,054	24,021	10,492	37,705
1974	351,506	26,248	30,111	91,785	57,215	504,369	22,443	10,414	33,752
1975	340,565	23,861	33,338	95,122	63,478	508,641	23,011	9,755	34,912
1976	334,524	25,491	37,603	99,190	65,212	511,038	23,000	10,218	32,740
1977	345,113	26,161	42,519	108,189	65,741	535,401	23,430	10,316	33,453
1978	393,519	27,903	50,383	114,652	67,323	597,972	26,039	10,681	36,842
1979	353,341	29,273	55,016	121,203	70,507	570,794	24,796	10,784	32,764
1980	293,535	26,882	55,758	132,129	78,198	532,738	23,349	10,372	28,301
1981	309,534	26,408	54,755	144,760	80,901	563,541	24,973	10,126	30,568
1982	278,960	25,978	49,918	154,713	84,731	542,344	24,343	9,871	28,260
1983	247,947	26,043	53,869	147,586	85,871	509,230	23,134	9,905	25,033
1984	292,254	27,734	57,254	155,057	84,830	561,661	25,374	9,905	29,505
1985	299,386	28,310	60,861	151,697	88,260	571,894	26,181	9,828	30,463
1986	304,392	28,739	64,438	150,151	90,385	580,628	26,836	9,751	31,217
1987	320,611	29,939	72,056	143,628	90,339	596,695	27,798	9,688	33,094
1988	307,401	33,143	74,943	138,910	91,081	579,191	26,865	9,906	31,031
1989	316,460	32,420	80,663	138,483	91,538	594,723	27,778	9,982	31,702
1990	332,539	35,232	80,314	134,378	95,973	607,972	28,195	10,199	32,605
1991	321,679	35,364	80,874	132,541	99,328	599,058	27,843	10,216	31,488
1992	337,712	36,652	84,367	126,073	104,424	615,925	28,498	10,374	32,553
1993	318,089	37,074	88,805	125,037	105,906	600,765	27,561	10,477	30,360
1994	355,018	38,761	96,278	125,290	108,541	646,366	29,504	10,730	33,087
1995	335,093	39,400	100,209	134,316	108,010	638,229	28,939	10,885	30,785
1996	375,861	37,286	104,492	143,052	110,342	696,461	31,613	10,946	34,338
1997	404,445	42,756	106,283	155,027	111,849	734,848	33,212	11,475	35,246
1998	424,800	49,887	109,627	169,790	115,864	770,194	34,591	11,942	35,572
1999	433,607	52,014	118,982	168,030	115,651	784,256	35,011	12,191	35,567
2000	434,929	47,502	134,475	174,618	119,522	816,043	36,595	12,050	36,093
2001	412,553	46,868	124,482	173,478	129,140	792,784	35,382	11,591	35,593
2002	407,966	46,747	118,563	156,952	138,881	775,615	34,635	11,228	36,335
2003	425,656	48,341	117,952	152,821	134,999	783,087	35,344	11,045	38,538
2004	496,342	51,333	116,328	139,249	136,444	837,030	37,636	11,417	43,473
2005	487,446	53,141	117,879	133,395	138,960	824,541	36,722	11,541	42,236
2006	487,884	54,349	114,212	142,284	148,215	838,246	37,592	11,724	41,614
2007	498,676	54,776	121,663	159,112	154,337	879,011	39,263	11,642	42,834
2008	517,773	55,803	113,568	172,734	170,632	918,903	40,871	11,584	44,697
2009	480,264	54,176	97,861	156,676	186,591	867,215	38,777	11,174	42,980
2010	480,205	56,246	88,604	143,159	190,257	845,978	37,753	11,125	43,165
2011	534,717	51,975	89,976	154,896	191,656	919,269	40,860	11,489	46,542
2012	549,722	52,288	89,170	161,280	184,275	932,160	41,616	11,515	47,739
2013	547,774	56,925	96,570	163,437	186,952	937,807	41,825	11,500	47,633
2014	528,092	56,867	97,557	171,022	189,647	929,451	41,558	11,638	45,376
2015	507,089	56,115	99,299	179,920	196,064	926,258	41,521	11,588	43,760
2016	504,531	59,362	92,267	189,296	195,645	922,378	41,601	11,551	43,678
2017	508,923	59,841	101,173	185,367	191,147	926,769	41,752	11,270	45,157
2018	545,700	61,681	101,365	195,777	201,860	983,022	44,683	11,429	47,747

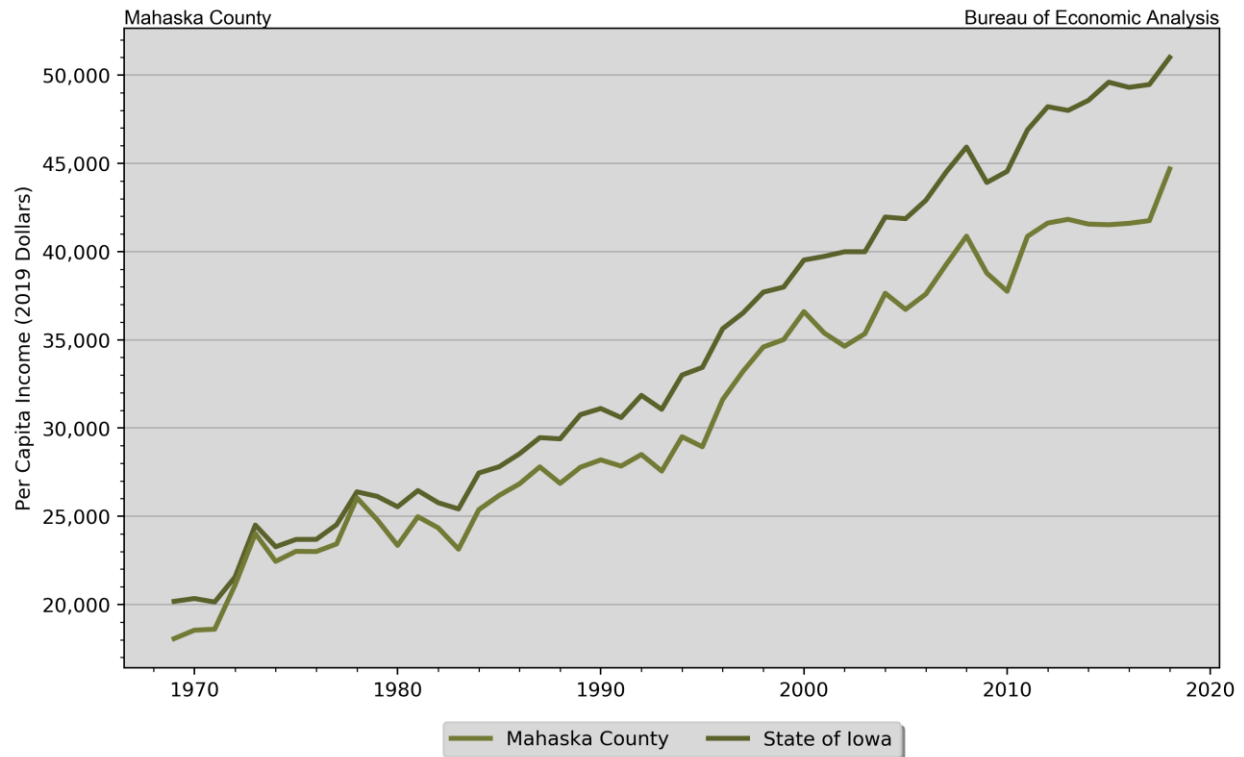
Diagram II.62.11, shows real average earnings per job for Mahaska County from 1990 to 2018. Over this period the average earning per job for Mahaska County was 39,545 dollars, which was lower than the statewide average of 46,575 dollars over the same period.

Diagram II.62.11
Real Average Earnings per Job
Mahaska County



Per capita income is a broader measure of wealth than real average earnings per job, which only captures the working population. Diagram II.62.12 shows real per capita income for Mahaska County from 1990 to 2018 of 36,240 dollars, which was lower than the statewide average of 41,199 dollars over the same period.

Diagram II.62.12
Real per Capita Income
Mahaska County



Quarterly Census of Employment and Wages

The BLS produces the Quarterly Census of Employment and Wages (QCEW), which reports monthly data on employment and quarterly data on wages and number of business establishments. QCEW employment data represent only filled jobs, whether full or part-time, temporary or permanent, by place of work the pay period. If data do not meet BLS or State agency disclosure standards they are displayed as (ND) and not disclosed. Data from this series are from the period of January 2006 through December 2019 and are presented in Table II.62.33. Between 2018 and 2019, total annual employment decreased from 7,949 persons in 2018 to 7,938 in 2019, a change of -0.1 percent.

Table II.62.33
Total Monthly Employment
Mahaska County
BLS QCEW Data, 2001–2019

Period	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Jan	7,262	7,531	7,637	7,592	7,708	7,897	7,839	7,815	7,785	7,835
Feb	7,282	7,524	7,612	7,588	7,710	7,936	7,854	7,805	7,823	7,778
Mar	7,366	7,574	7,730	7,640	7,790	7,924	7,961	7,796	7,837	7,828
Apr	7,590	7,805	7,880	7,783	8,115	8,000	8,047	7,881	7,954	7,935
May	7,639	7,867	7,911	7,963	8,177	8,073	8,127	7,950	8,109	8,048
Jun	7,712	7,945	7,938	7,926	8,269	8,084	8,022	8,032	8,184	8,088
Jul	7,393	7,686	7,672	7,847	7,952	7,948	8,093	7,886	7,892	7,985
Aug	7,523	7,713	7,848	7,966	7,975	7,913	8,205	7,848	7,869	7,863
Sep	7,582	7,843	7,782	7,883	8,033	7,889	8,281	7,912	7,963	7,943
Oct	7,597	7,852	7,813	7,747	7,946	7,958	8,105	7,912	7,984	7,977
Nov	7,619	7,820	7,881	7,819	7,985	7,937	8,141	7,959	8,012	7,994
Dec	7,619	7,771	7,896	7,782	8,004	7,932	8,019	7,939	7,901	7,979
Annual	7,515	7,744	7,800	7,795	7,972	7,958	8,058	7,895	7,949	7,938
% Change	-0.6%	3%	0.7%	-0.1%	2.3%	-0.2%	1.3%	-2%	0.7%	-0.1%

The QCEW also reports average weekly wages, which represents total compensation paid during the calendar quarter, regardless of when services were performed. The BLS QCEW data indicated average weekly wages were 802 dollars in 2018. In 2019, average weekly wages saw an increase of 4.7 percent over the prior year, rising to 840 dollars, or by 38 dollars. These data are shown in Table II.62.34.

Table II.62.34
Average Weekly Wages
 Mahaska County
 BLS QCEW Data, 2001–2019

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual	% Change
2002	472	471	460	525	482	4.3%
2003	507	489	484	545	506	5%
2004	513	507	503	599	531	4.9%
2005	535	535	547	609	557	4.9%
2006	575	560	543	608	571	2.5%
2007	585	585	573	669	604	5.8%
2008	628	606	592	673	625	3.5%
2009	616	607	584	686	623	-0.3%
2010	630	611	614	700	639	2.6%
2011	630	627	643	691	648	1.4%
2012	663	640	648	717	667	2.9%
2013	675	645	661	721	675	1.2%
2014	692	652	673	725	685	1.5%
2015	693	671	686	757	702	2.5%
2016	722	711	746	811	748	6.6%
2017	773	761	744	818	774	3.5%
2018	805	781	778	846	802	3.6%
2019	885	796	784	894	840	4.7%

Total business establishments reported by the QCEW are displayed in Table II.62.35. Between 2018 and 2019, the total number of business establishments in Iowa increased by 4.7 percent, from 625 to 639 establishments. The most recent 2019 estimates show there were 647 business establishments in the fourth quarter of 2019.

Table II.62.35
Number of Business Establishments
 Mahaska County
 BLS QCEW Data, 2001–2019

Year	First Quarter	Second Quarter	Third Quarter	Fourth Quarter	Annual	% Change
2001	686	688	656	650	670	
2002	645	642	638	630	639	-4.6%
2003	642	644	652	659	649	1.6%
2004	660	664	670	661	664	2.3%
2005	649	643	650	646	647	-2.6%
2006	642	644	653	654	648	0.2%
2007	669	675	666	660	668	3.1%
2008	659	659	665	658	660	-1.2%
2009	653	654	646	650	651	-1.4%
2010	646	650	654	649	650	-0.2%
2011	644	641	637	639	640	-1.5%
2012	649	651	643	647	648	1.2%
2013	650	651	656	647	651	0.5%
2014	641	646	642	648	644	-1.1%
2015	639	636	643	638	639	-0.8%
2016	637	630	627	624	630	-1.4%
2017	623	629	638	630	630	(ND)%
2018	629	626	625	622	625	-0.8%
2019	632	634	644	647	639	2.2%

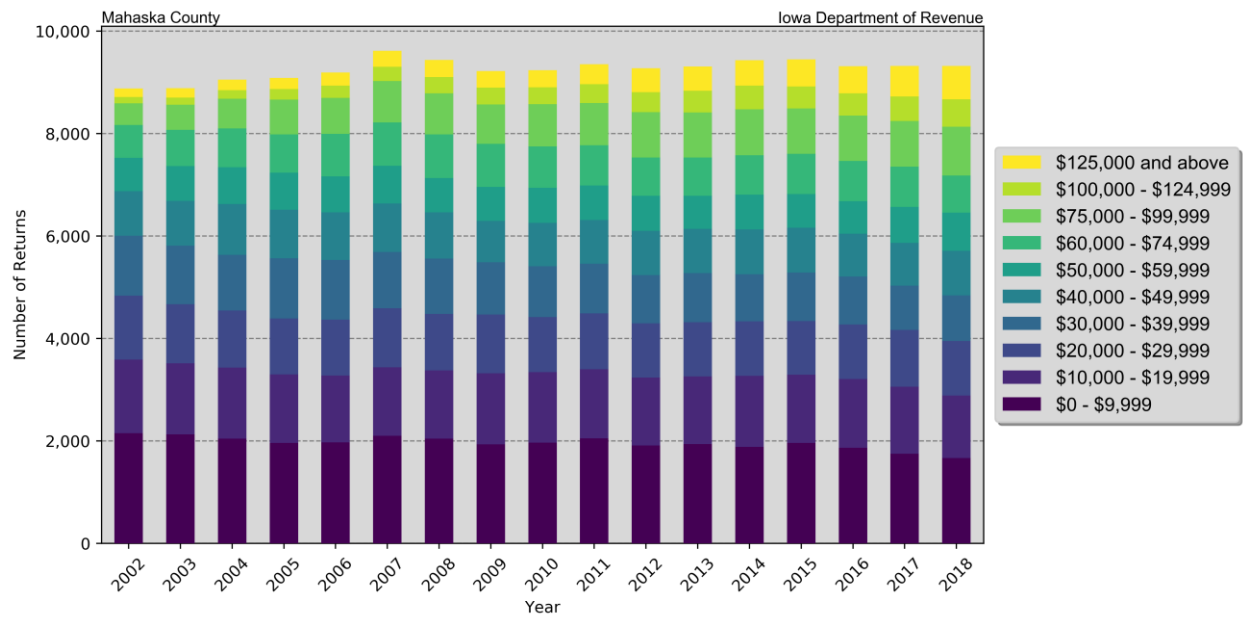
Iowa Department of Revenue

The Iowa Department of Revenue releases annual income tax statistics. Table II.62.36, shows the number of returns by adjusted gross income. For taxpayer confidentiality, if the number of returns was fewer than 5, the data was redacted. As a result the number of returns reported maybe slightly lower than the actual returns. Most redacted records occurred in the highest income brackets. The table gives an accurate measure of the income distribution in Mahaska County.

As can be seen, the total number of returns between 2010 and 2018 increased by 0.9 percent, with 652 returns reported in 2018, which was the most recent year available. Between 2010 and 2018, the adjusted gross income class that saw the largest change was 0-9,999 dollars with a change of 92.9 percent. This compared to the income class of 10,000-19,999 dollars, which saw the lowest percentage change between 2010 and 2018 of -15.5 percent.

Table II.62.36
Number of Tax Returns by Adjusted Gross Income
 Mahaska County
 Iowa DOR 2002 - 2018

Year	\$0 – 9,999	\$10,000 – 19,999	\$20,000 – 29,999	\$30,000 – 39,999	\$40,000 – 49,999	\$50,000 – 59,999	\$60,000 – 74,999	\$75,000 – 99,999	\$100,000 – 124,999	\$125,000 and above	Total
2002	2,151	1,433	1,249	1,174	866	652	639	423	124	167	8,878
2003	2,129	1,383	1,157	1,143	874	680	703	495	137	181	8,882
2004	2,045	1,387	1,114	1,086	993	717	755	584	163	209	9,053
2005	1,958	1,338	1,094	1,173	946	729	746	680	202	222	9,088
2006	1,970	1,304	1,090	1,165	933	699	834	698	241	257	9,191
2007	2,099	1,334	1,154	1,099	948	736	847	806	277	315	9,615
2008	2,045	1,332	1,099	1,080	903	669	856	800	318	333	9,435
2009	1,929	1,387	1,149	1,022	809	662	839	769	329	325	9,220
2010	1,967	1,376	1,076	991	845	686	809	821	329	338	9,238
2011	2,049	1,348	1,094	966	851	679	785	822	367	391	9,352
2012	1,909	1,328	1,057	939	867	684	747	887	388	471	9,277
2013	1,935	1,322	1,061	955	864	646	750	879	424	472	9,308
2014	1,880	1,387	1,067	918	874	682	768	894	467	493	9,430
2015	1,962	1,331	1,044	949	875	655	790	883	428	530	9,447
2016	1,864	1,344	1,064	938	836	631	786	885	435	533	9,316
2017	1,749	1,309	1,105	864	838	703	785	892	479	595	9,319
2018	1,663	1,219	1,069	886	870	751	723	952	533	652	9,318
Change 10 - 18	-15.5%	-11.4%	-0.7%	-10.6%	3%	9.5%	-10.6%	16%	62%	92.9%	0.9%

Diagram II.62.13
Income DistributionMahaska County
DOR Data 2015 – 2018

Poverty

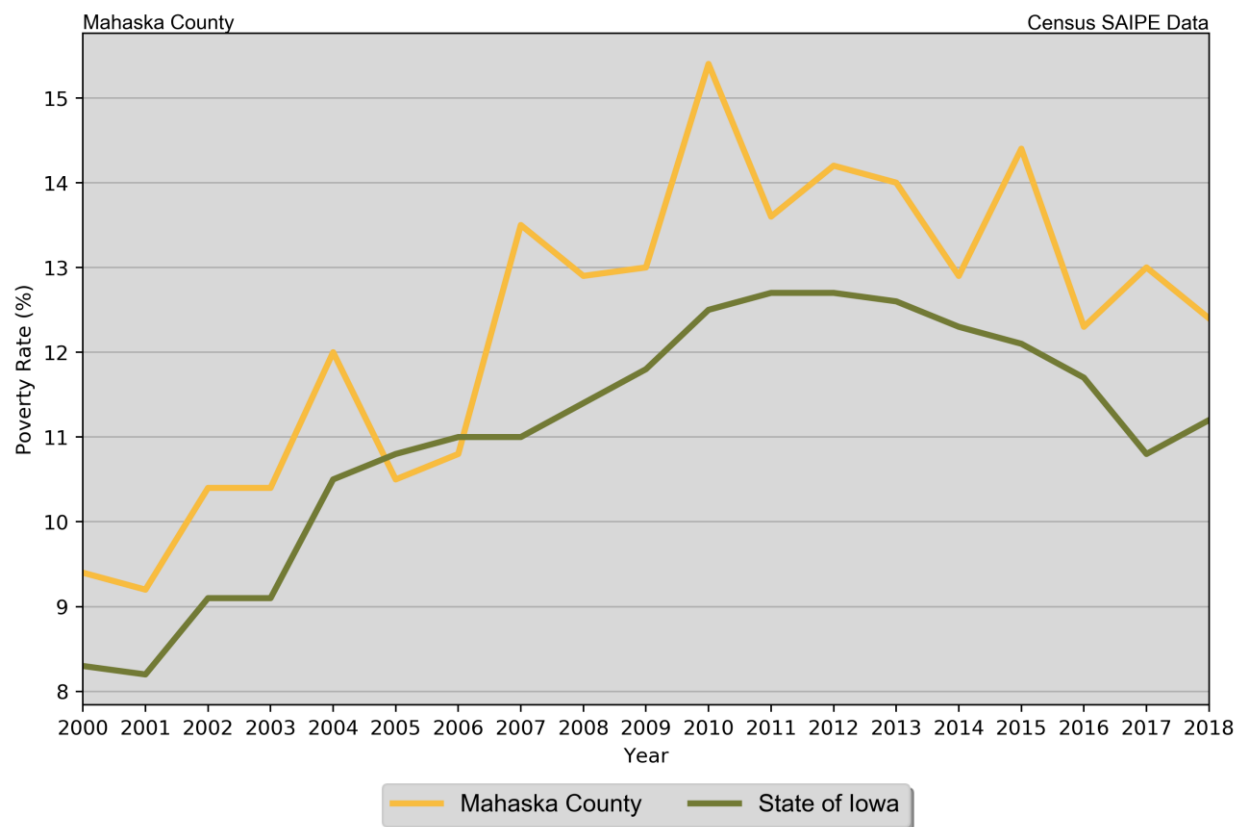
Poverty is the condition of having insufficient resources or income. In its extreme form, poverty is a lack of basic human needs, such as adequate and healthy food, clothing, housing, water, and health services. According to the Census Bureau's Small Area Income and Poverty Estimates Program, the number of individuals in poverty decreased from 3,338 in 2010 to 2,639 in 2018, with the poverty rate reaching 12.4 percent in 2018. This compared to a state poverty rate of 11.2 percent and a national rate of 13.1 percent in 2018. Table II.62.37, at right, presents poverty data for the county.

The rate of poverty for Mahaska County is shown in Table II.62.38. In 2018, the poverty rate was 14.4 percent meaning there were an estimated 3,110 people living in poverty, compared to 9.8 percent living in poverty in 2000. In 2018, some 12.7 percent of those in poverty were under age 6 and 11.5 percent were 65 or older. This data is also displayed in Diagram II.1.14 on the following page.

Table II.62.37 Persons in Poverty Mahaska County 2000–2018 SAIPE Estimates		
Year	Persons in Poverty	Poverty Rate
2000	2,040	9.4%
2001	1,994	9.2%
2002	2,258	10.4%
2003	2,268	10.4%
2004	2,636	12.0%
2005	2,275	10.5%
2006	2,348	10.8%
2007	2,917	13.5%
2008	2,809	12.9%
2009	2,786	13.0%
2010	3,338	15.4%
2011	2,979	13.6%
2012	3,107	14.2%
2013	3,048	14.0%
2014	2,797	12.9%
2015	3,115	14.4%
2016	2,640	12.3%
2017	2,809	13.0%
2018	2,639	12.4%

Table II.62.38 Poverty by Age Mahaska County 2000 Census SF3 & 2018 Five-Year ACS Data				
Age	2000 Census		2018 Five-Year ACS	
	Persons in Poverty	% of Total	Persons in Poverty	% of Total
Under 6	255	11.9%	396	12.7%
6 to 17	438	20.5%	492	15.8%
18 to 64	1,119	52.4%	1,864	59.9%
65 or Older	325	15.2%	358	11.5%
Total	2,137	100.0%	3,110	100.0%
Poverty Rate	9.8%	.	14.4%	.

Diagram II.1.14
Poverty Rates
Mahaska County
SAIPE Estimates 2000 – 2018



Housing

Housing Estimates

The Census Bureau estimates that the total number of housing units increased by 1.4 percent in Mahaska County between 2010 and 2019, from 9,766 to 9898. This compared to an estimated 6.2 percent increase statewide, as shown in Table II.62.39.

Table II.62.39 Housing Units State of Iowa vs. Mahaska County 2000 and 2019 Census Data and Intercensal Estimates				
Subject	Iowa	% Growth Since Census	Mahaska County	% Growth Since Census
2000 Census Base	1,232,625	.	9,548	.
2010 Census	1,336,417	8.4%	9,766	2.3%
July 2011 Estimate	1,343,427	0.5%	9,767	0.0%
July 2012 Estimate	1,348,745	0.9%	9,772	0.1%
July 2013 Estimate	1,356,423	1.5%	9,770	0.0%
July 2014 Estimate	1,366,191	2.2%	9,771	0.1%
July 2015 Estimate	1,375,304	2.9%	9,853	0.9%
July 2016 Estimate	1,385,453	3.7%	9,862	1.0%
July 2017 Estimate	1,397,680	4.6%	9,883	1.2%
July 2018 Estimate	1,409,413	5.5%	9,886	1.2%
July 2019 Estimate	1,418,626	6.2%	9,898	1.4%

Housing Production

The Census Bureau reports building permit authorizations and “per unit” valuation of building permits by county annually. Single-family construction usually represents most residential development in the county. Single-family building permit authorizations in Mahaska County decreased from 8 authorizations in 2018 to 11 in 2019.

The real value of single-family building permits increased from 205,619 dollars in 2018 to 244,035 dollars in 2019. This compares to an increase in permit value statewide, with values rising from 250,478 dollars in 2018 to 251,517 dollars in 2019. Additional details are given in Table II.62.40 as well as in Diagram II.62.15 and Diagram II.62.16.

Table II.62.40
Building Permits and Valuation
Mahaska County
Census Bureau Data, 1980–2019

Year	Authorized Construction in Permit Issuing Areas					Per Unit Valuation, (Real 2019\$)	
	Single-Family	Duplex Units	Tri- and Four-Plex	Multi-Family Units	Total Units	Single-Family Units	Multi-Family Units
1980	91	0	24	0	115	96,849	0
1981	10	0	0	0	10	116,692	0
1982	15	0	0	40	55	156,195	66,303
1983	15	0	0	0	15	118,838	0
1984	15	2	0	0	17	106,910	0
1985	8	0	0	0	8	143,092	0
1986	12	4	0	0	16	99,683	0
1987	17	2	0	0	19	121,820	0
1988	12	0	0	0	12	118,232	0
1989	21	2	12	10	45	123,214	41,186
1990	21	0	0	0	21	126,128	0
1991	29	0	0	0	29	115,575	0
1992	30	0	0	0	30	109,062	0
1993	33	0	12	16	61	134,323	35,662
1994	20	12	11	0	43	158,978	0
1995	22	2	12	12	48	138,417	32,567
1996	32	4	0	0	36	193,055	0
1997	26	8	0	18	52	174,778	105,644
1998	22	2	4	86	114	179,091	52,395
1999	29	0	0	62	91	171,830	42,239
2000	30	2	0	0	32	185,974	0
2001	35	8	0	0	43	168,544	0
2002	31	2	0	0	33	160,408	0
2003	11	0	0	36	47	187,348	94,508
2004	27	0	0	0	27	180,184	0
2005	32	4	0	0	36	156,350	0
2006	24	4	0	0	28	219,093	0
2007	19	0	0	0	19	162,529	0
2008	20	0	0	0	20	157,656	0
2009	20	0	0	0	20	204,044	0
2010	10	0	0	0	10	177,680	0
2011	9	6	0	0	15	167,065	0
2012	11	4	0	0	15	181,512	0
2013	10	2	0	0	12	229,838	0
2014	10	6	0	48	64	247,598	138,914
2015	15	6	0	0	21	224,930	0
2016	18	16	0	0	34	178,807	0
2017	14	0	0	0	14	187,096	0
2018	8	4	0	12	24	205,619	93,463
2019	11	4	0	12	27	244,035	83,105

Diagram II.62.15 Single-Family Permits

Mahaska County
Census Bureau Data, 1980–2019

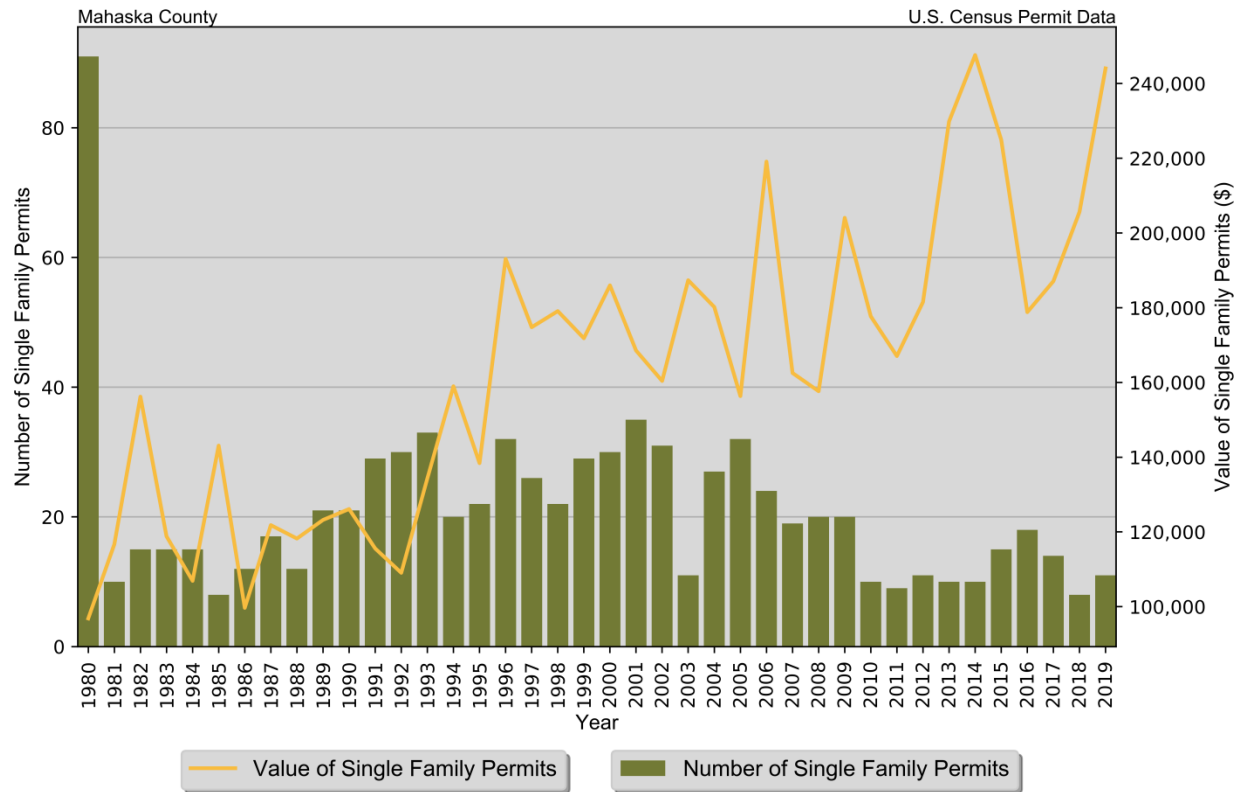
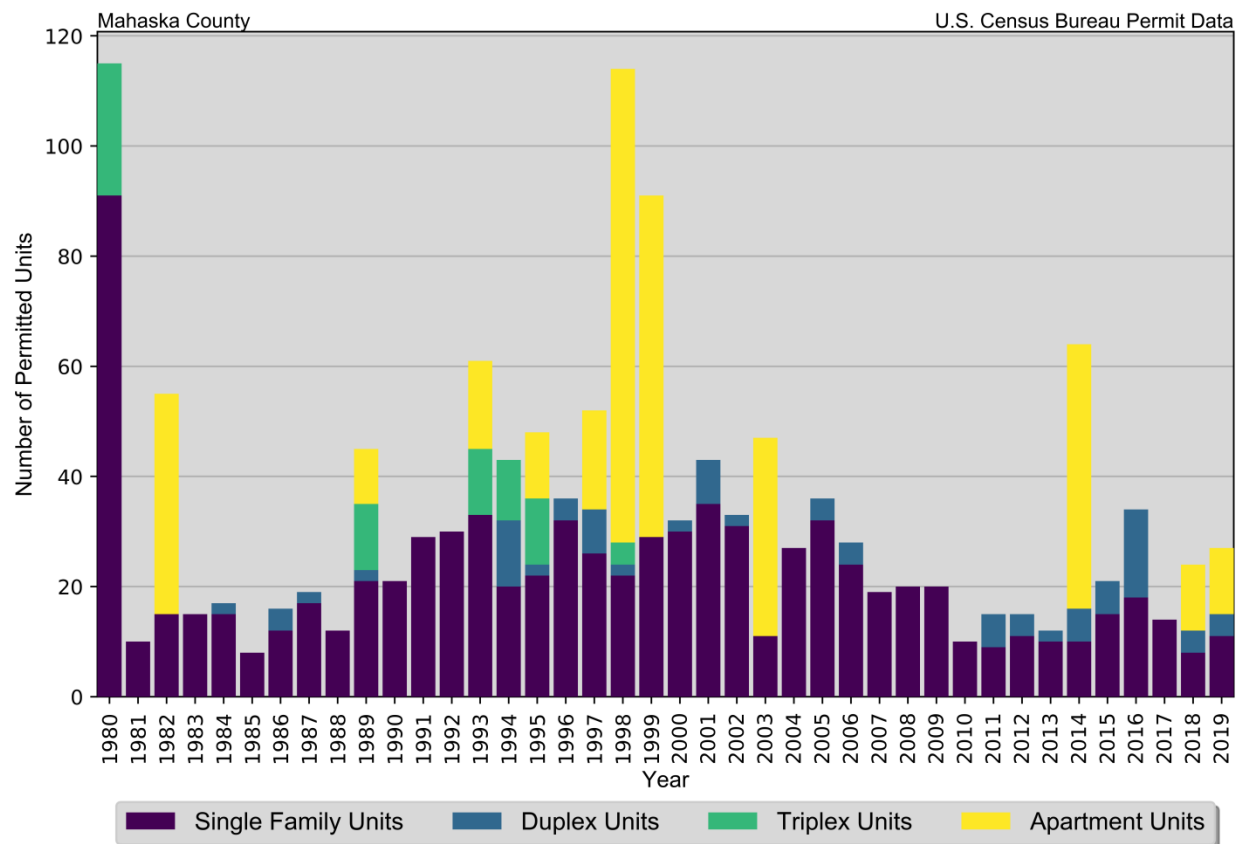


Diagram II.62.16
Total Permits by Unit Type
Mahaska County
Census Bureau Data, 1980–2019



Housing Characteristics

Households by type and tenure are shown in Table II.62.41. Family households represented 66.1 percent of households, while non-family households accounted for 33.9 percent. These changed from 67.3 and 32.7 percent, respectively.

Table II.62.41 Household Type by Tenure Mahaska County 2010 Census SF1 & 2018 Five-Year ACS Data				
Household Type	2010 Census		2018 Five-Year ACS	
	Households	Households	Households	% of Total
Family Households	6,044	67.3%	5,832	66.1%
Married-Couple Family	4,883	80.8%	4,566	78.3%
Owner-Occupied	4,248	87%	3,910	85.6%
Renter-Occupied	635	13%	656	14.4%
Other Family	1,161	19.2%	1,266	19.9%
Male Householder, No Spouse Present	354	30.5%	357	28%
Owner-Occupied	198	55.9%	283	79.3%
Renter-Occupied	156	44.1%	74	20.7%
Female Householder, No Spouse Present	807	69.5%	909	63.7%
Owner-Occupied	375	46.5%	405	44.6%
Renter-Occupied	432	53.5%	504	55.4%
Non-Family Households	2,931	32.7%	2,997	33.9%
Owner-Occupied	1,563	53.3%	1,686	56.3%
Renter-Occupied	1,368	46.7%	1,311	43.7%
Total	8,975	100.0%	8,829	100.0%

Table II.62.42, below, shows housing units by type in 2010 and 2018. In 2010, there were 9,774 housing units, compared with 9,839 in 2018. Single-family units accounted for 80.2 percent of units in 2018, compared to 80 in 2010. Apartment units accounted for 7.2 percent in 2018, compared to 5.8 percent in 2010.

Table II.62.42 Housing Units by Type Mahaska County 2010 & 2018 Five-Year ACS Data				
Unit Type	2010 Five-Year ACS		2018 Five-Year ACS	
	Units	% of Total	Units	% of Total
Single-Family	7,822	80%	7,888	80.2%
Duplex	257	2.6%	202	2.1%
Tri- or Four-Plex	409	4.2%	458	4.7%
Apartment	564	5.8%	707	7.2%
Mobile Home	695	7.1%	584	5.9%
Boat, RV, Van, Etc.	27	0.3%	0	0%
Total	9,774	100.0%	9,839	100.0%

Table II.62.43 shows housing units by tenure from 2010 to 2018. By 2018, there were 9,839 housing units. An estimated 71.2 percent were owner-occupied, and 10.3 percent were vacant.

Table II.62.43 Housing Units by Tenure Mahaska County 2010 Census & 2018 Five-Year ACS Data				
Tenure	2010 Census		2018 Five-Year ACS	
	Units	% of Total	Units	% of Total
Occupied Housing Units	8,975	91.9%	8,829	89.7%
Owner-Occupied	6,384	71.1%	6,284	71.2%
Renter-Occupied	2,591	28.9%	2,545	28.8%
Vacant Housing Units	791	8.1%	1,010	10.3%
Total Housing Units	9,766	100.0%	9,839	100.0%

Households by income for the 2010 and 2018 Five-Year ACS are shown in Table II.62.44. Households earning more than 100,000 dollars per year represented 18.8 percent of households in 2018, compared to 10.5 percent in 2010. Meanwhile, households earning less than 15,000 dollars accounted for 13.3 percent of households in 2018, compared to 16.8 percent in 2010.

Table II.62.44 Households by Income Mahaska County 2010 & 2018 Five-Year ACS Data				
Income	2010 Five-Year ACS		2018 Five-Year ACS	
	Households	% of Total	Households	% of Total
Less than \$15,000	1,506	16.8%	1,174	13.3%
\$15,000 to \$19,999	463	5.2%	550	6.2%
\$20,000 to \$24,999	485	5.4%	467	5.3%
\$25,000 to \$34,999	998	11.1%	861	9.8%
\$35,000 to \$49,999	1,440	16%	1,098	12.4%
\$50,000 to \$74,999	1,965	21.9%	1,925	21.8%
\$75,000 to \$99,999	1,186	13.2%	1,094	12.4%
\$100,000 or More	945	10.5%	1,660	18.8%
Total	8,988	100.0%	8,829	100.0%

Table II.62.45 shows households by year home built for the 2010 and 2018 Five-Year ACS Data. Housing units built between 2000 and 2009, account for 8.8 percent of households in 2010 and 9.5 percent of households in 2018. Housing units built in 1939 or earlier represented 33.4 percent of households in 2018 and 31.8 percent of households in 2010.

Table II.62.45 Households by Year Home Built Mahaska County 2010 & 2018 Five-Year ACS Data				
Year Built	2010 Five-Year ACS		2018 Five-Year ACS	
	Households	% of Total	Households	% of Total
1939 or Earlier	2,860	31.8%	2,952	33.4%
1940 to 1949	566	6.3%	428	4.8%
1950 to 1959	907	10.1%	836	9.5%
1960 to 1969	645	7.2%	653	7.4%
1970 to 1979	1,460	16.2%	1,572	17.8%
1980 to 1989	869	9.7%	603	6.8%
1990 to 1999	886	9.9%	713	8.1%
2000 to 2009	795	8.8%	843	9.5%
2010 or Later	.	.	229	2.6%
Total	8,988	100.0%	8,829	100.0%

The distribution of unit types by race is shown in Table II.62.46. An estimated 82.2 percent of white households occupy single-family homes, compared to 0 percent of black households. Some 6.1 percent of white households occupied apartments, compared to 0 percent of black households. An estimated 82.1 percent of Asian, and 90.7 percent of American Indian households occupy single-family homes.

Table II.62.46
Distribution of Units in Structure by Race
 Mahaska County
 2018 Five-Year ACS Data

Unit Type	White	Black	American Indian	Asian	Native Hawaiian/Pacific Islanders	Other	Two or More Races
Single-Family	82.2%	0%	90.7%	82.1%	0%	95%	13.8%
Duplex	2.1%	0%	0%	0%	0%	5%	0%
Tri- or Four-Plex	3.8%	100%	0%	0%	0%	0%	0%
Apartment	6.1%	0%	0%	0%	100%	0%	51.7%
Mobile Home	5.8%	0%	9.3%	17.9%	0%	0%	34.5%
Boat, RV, Van, Etc.	0%	0%	0%	0%	0%	0%	0%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

The disposition of vacant units between 2010 and 2018 are shown in Table II.62.47. An estimated 35.5 percent of vacant units were for rent in 2010. In addition, some 16.6 percent of vacant units were for sale. "Other" vacant units represented 30.5 percent of vacant units in 2010. "Other" vacant units are not for sale or rent, or otherwise available to the marketplace. These units may be problematic if concentrated in certain areas, and may create a "blighting" effect.

By 2018, for rent units accounted for 21.9 percent of vacant units, while for sale units accounted for 7 percent. "Other" vacant units accounted for 54.9 percent of vacant units, representing a total of 554 "other" vacant units.

Table II.62.47
Disposition of Vacant Housing Units
 Mahaska County
 2010 Census & 2018 Five-Year ACS Data

Disposition	2010 Census		2018 Five-Year ACS	
	Units	% of Total	Units	% of Total
For Rent	281	35.5%	221	21.9%
For Sale	131	16.6%	71	7%
Rented Not Occupied	11	1.4%	52	5.1%
Sold Not Occupied	38	4.8%	21	2.1%
For Seasonal, Recreational, or Occasional Use	89	11.3%	91	9%
For Migrant Workers	0	0%	0	0%
Other Vacant	241	30.5%	554	54.9%
Total	791	100.0%	1,010	100.0%

Table II.62.48, below, shows the number of households in the county by number of bedrooms and tenure. There were 97 rental households with no bedrooms, otherwise known as studio apartments. Two-bedroom households accounted for 9.6 percent of total households in Mahaska County. In Mahaska County the 3,793 households with three bedrooms accounted for 28.7 percent of all households, and there were only 467 five-bedroom or more households, which accounted for 17.3 percent of all households.

Table II.62.48
Households by Number of Bedrooms
 Mahaska County
 2018 Five-Year ACS Data

Number of Bedrooms	Tenure			% of Total
	Own	Rent	Total	
None	6	97	112	100
One	178	563	941	1.1
Two	1,452	953	2,819	9.6
Three	2,980	548	3,793	28.7
Four	1,325	271	1,707	38.6
Five or more	343	113	467	17.3
Total	8,829	2,545	9,839	100.0

The age of a structure influences its value. As shown in Table II.62.49, structures built in 1939 or earlier had a median value of 85,700 dollars, while structures built between 1950 and 1959 had a median value of 89,100 dollars, and those built between 1990 and 1999 had a median value of 181,800 dollars. The newest structures tended to have the highest values and those built between 2010 and 2013 and from 2014 or later had median values of 251,600 dollars and 244,100 dollars, respectively. The total median value in Mahaska County was 114,000 dollars.

Table II.62.49
Owner Occupied Median Value by Year Structure Built
 Mahaska County
 2018 Five-Year ACS Data

Year Structure Built	Median Value
1939 or earlier	85,700
1940 to 1949	85,100
1950 to 1959	89,100
1960 to 1969	116,500
1970 to 1979	138,100
1980 to 1989	118,300
1990 to 1999	181,800
2000 to 2009	186,100
2010 to 2013	251,600
2014 or later	244,100
Median Value	114,000

Household mortgage status is reported in Table II.62.50. In, Mahaska County households with a mortgage accounted for 56.8 percent of all households or 3,572 housing units, and the remaining 51.3 percent or 3,223 units had no mortgage. Of those units with a mortgage, 340 had either a second mortgage or home equity loan, 9 had both a second mortgage and home equity loan, and 3,223 or 51.3 percent had no second mortgage or no home equity loan.

Table II.62.50 Mortgage Status Mahaska County 2018 Five-Year ACS Data		
Mortgage Status	Mahaska County	
	Households	% of Households
Housing units with a mortgage, contract to purchase, or similar debt	3,572	56.8
With either a second mortgage or home equity loan, but not both	340	5.4
Second mortgage only	125	2
Home equity loan only	215	3.4
Both second mortgage and home equity loan	9	0.1
No second mortgage and no home equity loan	3,223	51.3
Housing units without a mortgage	2,712	43.2
Total	6,284	100.0%

Table II.62.51 lists the Mahaska County median rent as \$477 and the median home value as \$114,000 in 2018.

Table II.62.51 Median Rent Mahaska County 2018 Five-Year ACS Data	
Place	Rent
Median Rent	\$477
Median Home Value	\$114,000

Housing Problems

The Census identified the following four housing problems in the CHAS data. Households are considered to have housing problems if they have one of more of the four problems.

- 45. Housing unit lacks complete kitchen facilities;
- 46. Housing unit lacks complete plumbing facilities;
- 47. Household is overcrowded; and
- 48. Household is cost burdened.

Overcrowding is defined as having from 1.1 to 1.5 people per room per residence, with severe overcrowding defined as having more than 1.5 people per room. Households with overcrowding are shown in Table II.62.52. In 2018, an estimated 1.4 percent of households were overcrowded, and an additional 0.4 percent were severely overcrowded.

Table II.62.52 Overcrowding and Severe Overcrowding Mahaska County 2010 & 2018 Five-Year ACS Data							
Data Source	No Overcrowding		Overcrowding		Severe Overcrowding		Total
	Households	% of Total	Households	% of Total	Households	% of Total	
Owner							
2010 Five-Year ACS	6,731	99.7%	12	0.2%	10	0.1%	6,753
2018 Five-Year ACS	6,206	98.8%	67	1.1%	11	0.2%	6,284
Renter							
2010 Five-Year ACS	2,167	97%	60	2.7%	8	0.4%	2,235
2018 Five-Year ACS	2,462	96.7%	59	2.3%	24	0.9%	2,545
Total							
2010 Five-Year ACS	8,898	99%	72	0.8%	18	0.2%	8,988
2018 Five-Year ACS	8,668	98.2%	126	1.4%	35	0.4%	8,829

Incomplete plumbing and kitchen facilities are another indicator of potential housing problems. According to the Census Bureau, a housing unit is classified as lacking complete plumbing facilities when any of the following are not present: piped hot and cold water, a flush toilet, and a bathtub or shower. Likewise, a unit is categorized as deficient when any of the following are missing from the kitchen: a sink with piped hot and cold water, a range or cook top and oven, and a refrigerator. This data is displayed in Table II.62.53 and Table II.62.54, below.

There were a total of 16 households with incomplete plumbing facilities in 2018, representing 0.2 percent of households in Mahaska County. This is compared to 0.2 percent of households lacking complete plumbing facilities in 2010.

Table II.62.53 Households with Incomplete Plumbing Facilities 2010 and 2018 Five-Year ACS Data		
Households	2010 Five-Year ACS	2018 Five-Year ACS
With Complete Plumbing Facilities	8,967	8,813
Lacking Complete Plumbing Facilities	21	16
Total Households	8,988	8,829
Percent Lacking	0.2%	0.2%

There were 96 households lacking complete kitchen facilities in 2018, compared to 115 households in 2010. This was a change from 1.3 percent of households in 2010 to 1.1 percent in 2018.

Table II.62.54 Households with Incomplete Kitchen Facilities Mahaska County 2010 and 2018 Five-Year ACS Data		
Households	2010 Five-Year ACS	2018 Five-Year ACS
With Complete Kitchen Facilities	8,873	8,733
Lacking Complete Kitchen Facilities	115	96
Total Households	8,988	8,829
Percent Lacking	1.3%	1.1%

Cost burden is defined as gross housing costs that range from 30.0 to 50.0 percent of gross household income; severe cost burden is defined as gross housing costs that exceed 50.0 percent of gross household income. For homeowners, gross housing costs include property taxes, insurance, energy payments, water and sewer service, and refuse collection. If the homeowner has a mortgage, the determination also includes principal and interest payments on the mortgage loan. For renters, this figure represents monthly rent and selected electricity and natural gas energy charges.

As seen in Table II.62.55, in Mahaska County 12.4 percent of households had a cost burden and 10.6 percent had a severe cost burden. Some 15.2 percent of renters were cost burdened, and 21.7 percent were severely cost burdened. Owner-occupied households without a mortgage had a cost burden rate of 9.8 percent and a severe cost burden rate of 3.4 percent. Owner occupied households with a mortgage had a cost burden rate of 12.3 percent, and severe cost burden at 8.2 percent.

Table II.62.55
Cost Burden and Severe Cost Burden by Tenure
 Mahaska County
 2010 & 2018 Five-Year ACS Data

Data Source	Less Than 30%		31%-50%		Above 50%		Not Computed		Total
	Households	% of Total	Households	% of Total	Households	% of Total	Households	% of Total	
Owner With a Mortgage									
2010 Five-Year ACS	3,031	78.7%	582	15.1%	226	5.9%	12	0.3%	3,851
2018 Five-Year ACS	2,810	78.7%	440	12.3%	293	8.2%	29	0.8%	3,572
Owner Without a Mortgage									
2010 Five-Year ACS	2,545	87.7%	215	7.4%	96	3.3%	46	1.6%	2,902
2018 Five-Year ACS	2,321	85.6%	265	9.8%	93	3.4%	33	1.2%	2,712
Renter									
2010 Five-Year ACS	1,094	48.9%	373	16.7%	509	22.8%	259	11.6%	2,235
2018 Five-Year ACS	1,432	56.3%	387	15.2%	551	21.7%	175	6.9%	2,545
Total									
2010 Five-Year ACS	6,670	74.2%	1,170	13%	831	9.2%	317	3.5%	8,988
2018 Five-Year ACS	6,563	74.3%	1,092	12.4%	937	10.6%	237	2.7%	8,829

Housing Problems by Income

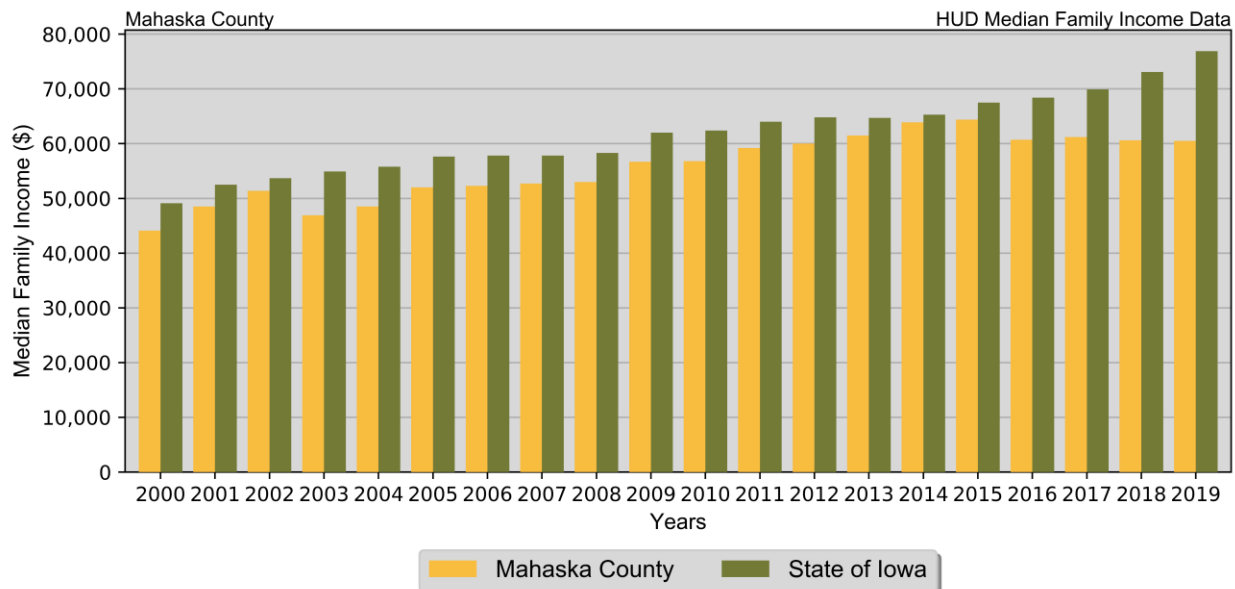
Very low-income renters are those who earn less than 50 percent of the area median income (AMI), and include a significant proportion of extremely low-income renters (who earn less than 30 percent of AMI). Households with worst case needs are defined as very low-income renters who do not receive government housing assistance and who pay more than 50 percent of their income for rent, live in severely inadequate conditions, or both. Table II.62.56 shows that the HUD estimated MFI for Mahaska County was \$60,500 in 2019. This compared to Iowa's MFI of \$76,900. Diagram II.62.17, illustrates the estimated MFI for 2000 through 2019.

Table II.62.56
Median Family Income
Mahaska County
2000–2019 HUD MFI

Year	MFI	State of Iowa MFI
2000	44,100	49,100
2001	48,500	52,500
2002	51,400	53,700
2003	46,900	54,900
2004	48,500	55,800
2005	52,000	57,650
2006	52,300	57,800
2007	52,700	57,800
2008	53,000	58,300
2009	56,700	62,000
2010	56,800	62,400
2011	59,200	64,000
2012	60,000	64,800
2013	61,500	64,700
2014	63,900	65,300
2015	64,400	67,500
2016	60,700	68,400
2017	61,200	69,900
2018	60,600	73,100
2019	60,500	76,900

Diagram II.62.17
Estimated Median Family Income

Mahaska County vs. Iowa
HUD Data: 2000 - 2019



Home Mortgage Loans

The FFEIC The Home Mortgage Disclosure Act (HMDA) was enacted by Congress in 1975. Data collected under the HMDA provide a comprehensive portrait of home loan activity, including information pertaining to home purchase loans, home improvement loans, and refinancing. For the analysis only owner-occupied originated loans for single-family units were considered. As can be seen in Table II.62.57, of the 371 loans in 2018, 212 loans were for Home Purchases, 21 was for Home Improvement and 129 were for refinancing.

Table II.62.57 Owner-Occupied Single-Family Home Loans by Loan Type Mahaska County 2008 – 2018 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	151	50	173	374
2009	137	63	390	590
2010	109	51	254	414
2011	130	22	219	371
2012	156	48	350	554
2013	191	25	279	495
2014	176	48	143	367
2015	198	30	159	387
2016	213	33	172	418
2017	188	22	140	350
2018	212	21	129	371

Table II.62.58, shows the average loan value by loan type. Average home purchase loans were 106,199 dollars in 2012 and 117,453 dollars in 2018. Overall, average loans were 97,139 dollars in 2008 and 104,057 dollars in 2018.

Table II.62.58 Owner-Occupied Single-Family Home Loans by Average Loan Amount Mahaska County 2008 – 2018 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	\$112,808	\$21,400	\$105,353	\$97,139
2009	\$102,562	\$27,286	\$121,351	\$106,944
2010	\$105,349	\$23,725	\$111,118	\$98,833
2011	\$100,608	\$56,955	\$105,151	\$100,701
2012	\$106,199	\$40,000	\$110,746	\$103,336
2013	\$121,262	\$76,200	\$110,151	\$112,723
2014	\$106,528	\$39,938	\$99,510	\$95,084
2015	\$107,318	\$38,600	\$106,943	\$101,837
2016	\$108,624	\$41,970	\$114,076	\$105,605
2017	\$129,782	\$33,455	\$120,571	\$120,043
2018	\$117,453	\$58,810	\$94,147	\$104,057

Table II.62.59, shows the total volume of owner-occupied single-family loans. The average home purchase loan was 16,567,000 dollars in 2012 and 24,900,000 dollars in 2018. Overall, average loans were 36,330,000 dollars in 2008 and 38,605,000 dollars in 2018.

Table II.62.59 Total Volume of Owner-Occupied Single-Family Loans Mahaska County 2008 – 2018 HMDA Data				
Year	Home Purchase	Home Improvement	Refinancing	Total
2008	\$17,034,000	\$1,070,000	\$18,226,000	\$36,330,000
2009	\$14,051,000	\$1,719,000	\$47,327,000	\$63,097,000
2010	\$11,483,000	\$1,210,000	\$28,224,000	\$40,917,000
2011	\$13,079,000	\$1,253,000	\$23,028,000	\$37,360,000
2012	\$16,567,000	\$1,920,000	\$38,761,000	\$57,248,000
2013	\$23,161,000	\$1,905,000	\$30,732,000	\$55,798,000
2014	\$18,749,000	\$1,917,000	\$14,230,000	\$34,896,000
2015	\$21,249,000	\$1,158,000	\$17,004,000	\$39,411,000
2016	\$23,137,000	\$1,385,000	\$19,621,000	\$44,143,000
2017	\$24,399,000	\$736,000	\$16,880,000	\$42,015,000
2018	\$24,900,000	\$1,235,000	\$12,145,000	\$38,605,000

Survey of Rental Properties

From January through June of 2020, a telephone survey was conducted with landlords and rental property managers throughout Iowa. Table II.62.60 presents some basic statistics about the completed surveys.

Table II.62.61, shows the amount of total and vacant units with their associated vacancy rates. At the time of the survey, there were an estimated 21 single-family units in Mahaska County, with 1 of them available. This translates into a vacancy rate of 4.8 percent in Mahaska County, which compares to a single-family vacancy rate of 3.5 percent for the State of Iowa. There were 3 apartment units reported in the survey, with 0 of them available, which resulted in a vacancy rate of 0 percent. This compares to a statewide vacancy rate of 3.5 percent for apartment units across the state.

Table II.62.60
Survey of Rental Properties

Mahaska County

2020 Survey of Rental Properties

Year	Completed Surveys	Total Units	Vacancy Rate	Absorption Rate
2017	5	194	4.1	38
2019	7	91	2.2	42.4
2020	3	33	6.1	33.3

Table II.62.61
Rental Vacancy Survey by Type

Mahaska County

2020 Survey of Rental Properties

Unit Type	Total Units	Vacant Units	Vacancy Rate
Single-Family	21	1	4.8%
Apartments	3	0	0%
Mobile Homes	9	1	11.1%
"Other" Units	0	0	0%
Don't Know	0	0	0%
Total	33	2	6.1%

Table II.62.62, reports units by bedroom size. As can be seen there were 0 two bedroom apartment units and 1 three bedroom units. Overall, the 20 two bedroom units accounted for 60.6 percent of all units, and the 10 three bedroom units accounted for 30.3 percent. Several respondents choose not to provide bedroom sizes, which accounted for the 0 units listed as "Don't Know". Additional details for additional unit types are reported.

Table II.62.62
Rental Units by Bedroom Size

Mahaska County

2020 Survey of Rental Properties

Number of Bedrooms	Single-Family Units	Apartment Units	Mobile Homes	"Other" Units	Don't Know	Total
Efficiency	0	0	0	0	·	0
One	0	2	0	0	·	2
Two	14	0	6	0	·	20
Three	6	1	3	0	·	10
Four	1	0	0	0	·	1
Don't Know	0	0	0	0	0	0
Total	21	3	9	0	0	33

Table II.62.63, at right, displays the vacancy rate of single-family units by the number of bedrooms. Two-bedroom units were the most common type of reported single-family unit, which had a vacancy rate of 7.1 percent.

Table II.62.64 displays the vacancy rate of apartment units by the number of bedrooms. The most common apartment units were One-bedroom units, which had a vacancy rate of 0 percent.

Table II.62.63 Single-Family Units by Bedroom Size Mahaska County 2020 Survey of Rental Properties			
Number of Bedrooms	Units	Available Units	Vacancy Rates
Studio	0	0	0%
One	0	0	0%
Two	14	1	7.1%
Three	6	0	0%
Four	1	0	0%
Don't know	0	0	0%
Total	21	1	4.8%

Table II.62.64 Apartment Units by Bedroom Size Mahaska County 2020 Survey of Rental Properties			
Number of Bedrooms	Units	Available Units	Vacancy Rates
Efficiency	0	0	0%
One	2	0	0%
Two	0	0	0%
Three	1	0	0%
Four	0	0	0%
Don't know	0	0	0%
Total	3	0	0%

Average market-rate rents by unit type are shown in Table II.62.65. Not all respondents were able to disclose the rental amounts for their units, so there may be some statistical aberrations in the computed rental rates, but generally those units with more bedrooms had higher rents.

Table II.62.65 Average Market Rate Rents by Bedroom Size Mahaska County 2020 Survey of Rental Properties					
Number of Bedrooms	Single-Family Units	Apartment Units	Mobile Homes	"Other" Units	Total
Efficiency	\$0	\$0	\$0	\$0	\$0
One	\$0	\$400	\$0	\$0	\$400
Two	\$550	\$0	\$500	\$0	\$525
Three	\$600	\$600	\$500	\$0	\$600
Four	\$800	\$0	\$0	\$0	\$800
Total	\$591.7	\$500	\$500	\$0	\$561.1

Table II.62.66, shows the average rental rates for assisted units by bedroom size and unit type. Since assistance is often based on income of the resident or other case by case determinations average assisted rents can vary across bedroom size.

Table II.62.66 Average Assisted Rate Rents by Bedroom Size Mahaska County 2020 Survey of Rental Properties					
Number of Bedrooms	Single-Family Units	Apartment Units	Mobile Homes	“Other” Units	Total
Efficiency	\$0	\$0	\$0	\$0	\$0
One	\$0	\$0	\$0	\$0	\$0
Two	\$0	\$0	\$0	\$0	\$0
Three	\$0	\$0	\$550	\$0	\$550
Four	\$0	\$0	\$0	\$0	\$0
Total	\$0	\$0	\$550	\$0	\$550

Table II.62.67, shows vacancy rates for single-family units by average rental rates for Mahaska County. The most common rent for single-family units was between 500 and 750 dollars and the units in this price range had a vacancy rate of 5 percent.

Table II.62.67 Single-Family Market Rate Rents by Vacancy Status Mahaska County 2020 Survey of Rental Properties			
Average Rents	Single-Family Units	Available Single-Family Units	Vacancy Rate
Less Than \$500	1	0	0%
\$500 to \$749	20	1	5%
\$750 to \$999	0	0	0%
\$1,000 to \$1,249	0	0	0%
\$1,250 to \$1,499	0	0	0%
Above \$1,500	0	0	0%
Missing	0	0	0%
Total	21	1	4.8%

The average rent and availability of apartment units is displayed in Table II.62.68. The most common rent for apartments was less than 500 dollars and the units in this price range had a vacancy rate of 0 percent.

Table II.62.68 Apartment Market Rate Rents by Vacancy Status Mahaska County 2020 Survey of Rental Properties			
Average Rents	Apartment Units	Available Apartment Units	Vacancy Rate
Less Than \$500	3	0	0%
\$500 to \$749	0	0	0%
\$750 to \$999	0	0	0%
\$1,000 to \$1,249	0	0	0%
\$1,250 to \$1,499	0	0	0%
Above \$1,500	0	0	0%
Missing	0	0	0%
Total	3	0	0%

Respondents were asked if utilities are included in the rent and as shown in Table II.62.69, 2 respondents, or 66.7 percent, included some sort of utility in the rent.

Table II.62.69 Are there any utilities included with the rent? Mahaska County 2020 Survey of Rental Properties	
Period	Respondent
Yes	2
No	1
% Offering Utilities	66.7%

The type of utility included in the rent is shown in Table II.62.70. There were 0 respondents who included electricity, 1 respondent who included natural gas, 2 respondents who included water and sewer and 2 respondents included trash collection in the rent.

Table II.62.70 Which utilities are included with the rent? Mahaska County 2020 Survey of Rental Properties	
Type of Utility Provided	Respondent
Electricity	0
Natural Gas	1
Water/Sewer	2
Trash Collection	2

Perceived Need for Rental Units

Table II.62.71, at right, shows the number of survey respondents who keep a waiting list. As can be seen 0 respondents said they keep a waitlist, with an estimated 0 persons on the wait list.

Respondents were also asked how they would rate the need for renovating existing units. As shown in Table II.62.72, 0 respondents said there was no need for renovating single-family units, with 0 respondents saying there was extreme need for renovating single-family units. Likewise, 0 respondents indicated no need for renovating existing apartment units, with 0 respondents saying there was extreme need for renovating existing apartment units.

Table II.62.71 Do you keep a waiting list? Mahaska County 2020 Survey of Rental Properties	
Period	Respondent
Yes	0
No	3
Waitlist Size	0

Table II.62.72 How would you rate the need for renovation of existing units in the city? Mahaska County 2020 Survey of Rental Properties				
Need	Single-Family	Apartments	Mobile Homes	Other Units
No Need	0	0	0	0
Low Need	2	2	2	2
Moderate Need	1	1	1	1
High Need	0	0	0	0
Extreme Need	0	0	0	0
Average Need	2.3	2.3	2.3	2.3

Respondents were also asked how they would rate the need for the constructing new units. As shown in Table II.62.73, 0 respondents said there was no need for new single-family units, with 0 respondents saying there was extreme need for constructing new single-family units. Likewise, 0 respondents indicated no need for new apartment units, with 0 respondents saying there was extreme need for constructing new apartment units.

Table II.62.73 How would you rate the need for construction of new units in the city? Mahaska County 2020 Survey of Rental Properties				
Need	Single-Family	Apartments	Mobile Homes	Other Units
No Need	0	0	0	0
Low Need	0	0	0	0
Moderate Need	1	1	1	1
High Need	2	2	2	2
Extreme Need	0	0	0	0
Average Need	3.7	3.7	3.7	3.7

2020 Housing Needs Forecast

The 2020 Housing Needs Forecast reports housing demand projections from 2020 to 2050, with a base year of 2020.

This forecast spans the period of 2020 through 2050 and offer predictions of the demand for housing. This report uses the modified population projections based on projections released from Woods & Poole Economic, Inc (W&P).

Income categories were calculated using the Housing and Urban Development CHAS (Comprehensive Housing Affordability Strategy) data and are expressed as a percentage of area Median Family Income (MFI). This distribution is assumed to remain constant over the forecast horizon. Homeownership rates were forecasted based on historical trends.

Table II.62.74 shows household forecasts by tenure and income, from the Strong growth model. As can be seen in 2020 there were 6,010 owner-occupied and 2,581 renter-occupied households, for a total of 8,591 households. In 2030 there will be a projected 8,580 households of which 6,001 are projected to be owner occupied and the remaining 2,580 are expected to be renter-occupied.

By 2050, there are projected to be 5,779 owner-occupied households, of which 429 owner-occupied households are expected to have incomes of 0-30 percent of MFI and 967 are projected to have incomes of 50.1-80.0 percent of MFI. In 2050, there are projected to be 2,551 renter households, of which 701 renter households are expected to have incomes between 0 and 30.0 percent of median family income 605 renter households with incomes between 50.1-80.0 percent of MFI. Overall households are projected to reach 8,330 occupied units by 2050, of which 1,130 are expected to have incomes on between 0 and 30 percent of MFI.

Table II.62.74
Housing Demand Forecast
 Mahaska County
 Strong Growth Scenario

Income (% of MFI)	2020	2025	2030	2035	2040	2045	2050
Owner							
0-30%	446	446	445	443	439	434	429
30.1-50%	569	569	568	565	559	553	547
50.1-80%	1,006	1,007	1,005	999	990	979	967
80.1-95%	588	588	587	584	579	572	565
95.1-115%	718	719	717	713	707	699	691
115+%	2,683	2,685	2,679	2,664	2,640	2,610	2,580
Total	6,010	6,014	6,001	5,968	5,913	5,847	5,779
Renter							
0-30%	709	709	709	707	706	703	701
30.1-50%	479	479	479	478	476	475	473
50.1-80%	612	612	612	611	609	607	605
80.1-95%	120	120	120	119	119	119	118
95.1-115%	256	256	256	255	255	254	253
115+%	405	405	405	404	403	402	400
Total	2,581	2,581	2,580	2,575	2,568	2,560	2,551
Total							
0-30%	1,155	1,156	1,154	1,150	1,145	1,137	1,130
30.1-50%	1,047	1,048	1,046	1,042	1,036	1,028	1,020
50.1-80%	1,618	1,619	1,616	1,610	1,599	1,586	1,573
80.1-95%	708	708	707	703	698	691	684
95.1-115%	974	975	973	969	961	953	944
115+%	3,088	3,090	3,084	3,068	3,043	3,012	2,980
Total	8,591	8,595	8,580	8,543	8,482	8,407	8,330

Comprehensive Housing Affordability Strategy (CHAS)

The following table set shows Comprehensive Housing Affordability Strategy (CHAS) data.

Each year, the U.S. Department of Housing and Urban Development (HUD) receives custom tabulations of American Community Survey (ACS) data from the U.S. Census Bureau. These data, known as the "CHAS" data (Comprehensive Housing Affordability Strategy), demonstrate the extent of housing problems and housing needs, particularly for low income households. The CHAS data are used by local governments to plan how to spend HUD funds, and may also be used by HUD to distribute grant funds.

To make this dataset more accessible to the average user the income brackets were replaced with actual Median Family Income (MFI) from Mahaska County. Below is a table showing the MFI breakdown:

<u>Mahaska County</u>	
<u>Income Brackets</u>	<u>Actual Income</u>
0 - 30% MFI	\$0 to \$18,150
30.1% - 50% MFI	\$18,151 to \$30,250
50.1% - 80% MFI	\$30,251 to \$48,400
80.1% - 100% MFI	\$48,401 to \$60,500
100% + MFI	Above \$60,500

Housing Problems by Income, Race, and Tenure

Table II.62.75 through Table II.62.80 show households with housing problems by race/ethnicity. These tables can be used to determine if there is a disproportionate housing need for any racial or ethnic groups. If any racial/ethnic group faces housing problems at a rate of ten percentage points or high than the jurisdiction average, then they have a disproportionate share of housing problems. Housing problems are defined as any household that has overcrowding, inadequate kitchen or plumbing facilities, or are cost burdened (pay more than 30 percent of their income on housing).). In Mahaska County, housing problems are faced by 1,125 white homeowner households, 0 black homeowner households, 0 Asian homeowner households, and 10 Hispanic homeowner households.

Table II.62.75
Percent of Homeowner Households with Housing Problems by Income and Race
 Mahaska County
 2012–2016 HUD CHAS Data

Income	Non-Hispanic by Race						Hispanic (Any Race)	Total
	White	Black	Asian	American Indian	Pacific Islander	Other Race		
With Housing Problems								
\$0 to \$18,150	78.7%	0%	0%	100%	0%	0%	0%	76.5%
\$18,151 to \$30,250	55.6%	0%	0%	0%	0%	0%	0%	55.6%
\$30,251 to \$48,400	24.7%	0%	0%	0%	0%	0%	0%	23.7%
\$48,401 to \$60,500	6.9%	0%	0%	100%	0%	0%	0%	7.3%
Above \$60,500	4.6%	0%	0%	50%	0%	0%	33.3%	4.9%
Total	18.6%	0%	0%	60%	0%	0%	16.7%	18.5%
Without Housing Problems								
\$0 to \$18,150	10.1%	0%	100%	0%	0%	100%	0%	12.7%
\$18,151 to \$30,250	44.4%	0%	0%	0%	0%	0%	0%	44.4%
\$30,251 to \$48,400	75.3%	0%	0%	100%	0%	100%	100%	76.3%
\$48,401 to \$60,500	93.1%	0%	100%	0%	0%	0%	0%	92.7%
Above \$60,500	95.4%	0%	100%	50%	0%	100%	66.7%	95.1%
Total	80.5%	0%	100%	40%	0%	100%	83.3%	80.7%

Table II.62.76
Homeowner Households with Housing Problems by Income and Race
 Mahaska County
 2012–2016 HUD CHAS Data

Income	Non-Hispanic by Race						Hispanic (Any Race)	Total
	White	Black	Asian	American Indian	Pacific Islander	Other Race		
With Housing Problems								
\$0 to \$18,150	350	0	0	4	0	0	0	354
\$18,151 to \$30,250	325	0	0	0	0	0	0	325
\$30,251 to \$48,400	245	0	0	0	0	0	0	245
\$48,401 to \$60,500	60	0	0	4	0	0	0	64
Above \$60,500	145	0	0	4	0	0	10	159
Total	1,125	0	0	12	0	0	10	1,147
Without Housing Problems								
\$0 to \$18,150	45	0	4	0	0	10	0	59
\$18,151 to \$30,250	260	0	0	0	0	0	0	260
\$30,251 to \$48,400	745	0	0	4	0	10	30	789
\$48,401 to \$60,500	810	0	4	0	0	0	0	814
Above \$60,500	3,005	0	35	4	0	10	20	3,074
Total	4,865	0	43	8	0	30	50	4,996
Not Computed								
\$0 to \$18,150	50	0	0	0	0	0	0	50
\$18,151 to \$30,250	0	0	0	0	0	0	0	0
\$30,251 to \$48,400	0	0	0	0	0	0	0	0
\$48,401 to \$60,500	0	0	0	0	0	0	0	0
Above \$60,500	0	0	0	0	0	0	0	0
Total	50	0	0	0	0	0	0	50
Total								
\$0 to \$18,150	445	0	4	4	0	10	0	463
\$18,151 to \$30,250	585	0	0	0	0	0	0	585
\$30,251 to \$48,400	990	0	0	4	0	10	30	1,034
\$48,401 to \$60,500	870	0	4	4	0	0	0	878
Above \$60,500	3,150	0	35	8	0	10	30	3,233
Total	6,040	0	43	20	0	30	60	6,193

In total, some 1,112 renter households face housing problems in Mahaska County. Of these, some 929 white renter households, 44 black renter households, 19 Asian renter households, and 80 Hispanic renter households face housing problems.

Table II.62.77
Renter Households with Housing Problems by Income and Race
 Mahaska County
 2012–2016 HUD CHAS Data

Income	Non-Hispanic by Race						Hispanic (Any Race)	Total
	White	Black	Asian	American Indian	Pacific Islander	Other Race		
With Housing Problems								
\$0 to \$18,150	510	4	15	0	0	20	80	629
\$18,151 to \$30,250	265	40	0	0	0	20	0	325
\$30,251 to \$48,400	135	0	4	0	0	0	0	139
\$48,401 to \$60,500	4	0	0	0	0	0	0	4
Above \$60,500	15	0	0	0	0	0	0	15
Total	929	44	19	0	0	40	80	1,112
Without Housing Problems								
\$0 to \$18,150	115	0	0	0	0	4	0	119
\$18,151 to \$30,250	195	0	0	0	0	0	0	195
\$30,251 to \$48,400	480	0	0	0	0	0	40	520
\$48,401 to \$60,500	170	0	0	0	0	4	0	174
Above \$60,500	655	0	0	0	0	0	4	659
Total	1,615	0	0	0	0	8	44	1,667
Not Computed								
\$0 to \$18,150	15	0	0	0	0	0	0	15
\$18,151 to \$30,250	0	0	0	0	0	0	0	0
\$30,251 to \$48,400	0	0	0	0	0	0	0	0
\$48,401 to \$60,500	0	0	0	0	0	0	0	0
Above \$60,500	0	0	0	0	0	0	0	0
Total	15	0	0	0	0	0	0	15
Total								
\$0 to \$18,150	640	4	15	0	0	24	80	763
\$18,151 to \$30,250	460	40	0	0	0	20	0	520
\$30,251 to \$48,400	615	0	4	0	0	0	40	659
\$48,401 to \$60,500	174	0	0	0	0	4	0	178
Above \$60,500	670	0	0	0	0	0	4	674
Total	2,559	44	19	0	0	48	124	2,794

Table II.62.78
Percent of Renter Households with Housing Problems by Income and Race
 Mahaska County
 2012–2016 HUD CHAS Data

Income	Non-Hispanic by Race						Hispanic (Any Race)	Total
	White	Black	Asian	American Indian	Pacific Islander	Other Race		
With Housing Problems								
\$0 to \$18,150	79.7%	100%	100%	0%	0%	83.3%	100%	82.4%
\$18,151 to \$30,250	57.6%	100%	0%	0%	0%	100%	0%	62.5%
\$30,251 to \$48,400	22%	0%	100%	0%	0%	0%	0%	21.1%
\$48,401 to \$60,500	2.3%	0%	0%	0%	0%	0%	0%	2.2%
Above \$60,500	2.2%	0%	0%	0%	0%	0%	0%	2.2%
Total	36.3%	100%	100%	0%	0%	83.3%	64.5%	39.8%
Without Housing Problems								
\$0 to \$18,150	18%	0%	0%	0%	0%	16.7%	0%	15.6%
\$18,151 to \$30,250	42.4%	0%	0%	0%	0%	0%	0%	37.5%
\$30,251 to \$48,400	78%	0%	0%	0%	0%	0%	100%	78.9%
\$48,401 to \$60,500	97.7%	0%	0%	0%	0%	100%	0%	97.8%
Above \$60,500	97.8%	0%	0%	0%	0%	0%	100%	97.8%
Total	63.1%	0%	0%	0%	0%	16.7%	35.5%	59.7%

Overall, there are 2,259 households, or 25.1 percent of households with housing problems in Mahaska County. This includes 2,054 white households, 44 black households, 19 Asian households, 12 American Indian, 0 Pacific Islander, and 40 “other” race households with housing problems. In addition, there are 90 Hispanic households with housing problems. This is shown in Table II.62.80.

Table II.62.79
Percent of Total Households with Housing Problems by Income and Race
 Mahaska County
 2012–2016 HUD CHAS Data

Income	Non-Hispanic by Race						Hispanic (Any Race)	Total
	White	Black	Asian	American Indian	Pacific Islander	Other Race		
With Housing Problems								
\$0 to \$18,150	79.3%	100%	78.9%	100%	0%	58.8%	100%	80.2%
\$18,151 to \$30,250	56.5%	100%	0%	0%	0%	100%	0%	58.8%
\$30,251 to \$48,400	23.7%	0%	100%	0%	0%	0%	0%	22.7%
\$48,401 to \$60,500	6.1%	0%	0%	100%	0%	0%	0%	6.4%
Above \$60,500	4.2%	0%	0%	50%	0%	0%	29.4%	4.5%
Total	23.9%	100%	30.6%	60%	0%	51.3%	48.9%	25.1%
Without Housing Problems								
\$0 to \$18,150	14.7%	0%	21.1%	0%	0%	41.2%	0%	14.5%
\$18,151 to \$30,250	43.5%	0%	0%	0%	0%	0%	0%	41.2%
\$30,251 to \$48,400	76.3%	0%	0%	100%	0%	100%	100%	77.3%
\$48,401 to \$60,500	93.9%	0%	100%	0%	0%	100%	0%	93.6%
Above \$60,500	95.8%	0%	100%	50%	0%	100%	70.6%	95.5%
Total	75.4%	0%	69.4%	40%	0%	48.7%	51.1%	74.1%

Table II.62.80
Total Households with Housing Problems by Income and Race
 Mahaska County
 2012–2016 HUD CHAS Data

Income	Non-Hispanic by Race						Hispanic (Any Race)	Total
	White	Black	Asian	American Indian	Pacific Islander	Other Race		
With Housing Problems								
\$0 to \$18,150	860	4	15	4	0	20	80	983
\$18,151 to \$30,250	590	40	0	0	0	20	0	650
\$30,251 to \$48,400	380	0	4	0	0	0	0	384
\$48,401 to \$60,500	64	0	0	4	0	0	0	68
Above \$60,500	160	0	0	4	0	0	10	174
Total	2,054	44	19	12	0	40	90	2,259
Without Housing Problems								
\$0 to \$18,150	160	0	4	0	0	14	0	178
\$18,151 to \$30,250	455	0	0	0	0	0	0	455
\$30,251 to \$48,400	1,225	0	0	4	0	10	70	1,309
\$48,401 to \$60,500	980	0	4	0	0	4	0	988
Above \$60,500	3,660	0	35	4	0	10	24	3,733
Total	6,480	0	43	8	0	38	94	6,663
Not Computed								
\$0 to \$18,150	65	0	0	0	0	0	0	65
\$18,151 to \$30,250	0	0	0	0	0	0	0	0
\$30,251 to \$48,400	0	0	0	0	0	0	0	0
\$48,401 to \$60,500	0	0	0	0	0	0	0	0
Above \$60,500	0	0	0	0	0	0	0	0
Total	65	0	0	0	0	0	0	65
Total								
\$0 to \$18,150	1,085	4	19	4	0	34	80	1,226
\$18,151 to \$30,250	1,045	40	0	0	0	20	0	1,105
\$30,251 to \$48,400	1,605	0	4	4	0	10	70	1,693
\$48,401 to \$60,500	1,044	0	4	4	0	4	0	1,056
Above \$60,500	3,820	0	35	8	0	10	34	3,907
Total	8,599	44	62	20	0	78	184	8,987

Table II.62.81 through Table II.62.84 present the number and percent of households experiencing a severe housing problem, by race and ethnicity. Severe housing problems include overcrowding at a rate of more than 1.5 persons per room and housing costs exceeding 50 percent of the household income. Severe housing problems are experienced by some 1,009 white households, 4 black households, 19 Asian households, as well as 80 Hispanic homeowner households.

Table II.62.81
Percent of Homeowner Households with Severe Housing Problems by Income and Race

Mahaska County
2012–2016 HUD CHAS Data

2012-2016 HUD CHAS Data								
Income	Non-Hispanic by Race						Hispanic (Any Race)	Total
	White	Black	Asian	American Indian	Pacific Islander	Other Race		
With A Severe Housing Problem								
\$0 to \$18,150	46.1%	0%	0%	100%	0%	0%	0%	45.1%
\$18,151 to \$30,250	12.8%	0%	0%	0%	0%	0%	0%	12.8%
\$30,251 to \$48,400	5.1%	0%	0%	0%	0%	0%	0%	4.8%
\$48,401 to \$60,500	1.7%	0%	0%	0%	0%	0%	0%	1.7%
Above \$60,500	1.1%	0%	0%	0%	0%	0%	0%	1.1%
Total	6.3%	0	0%	25%	0%	0%	0%	6.2%
Without A Severe Housing Problems								
\$0 to \$18,150	42.7%	0%	100%	0%	0%	100%	0%	44.1%
\$18,151 to \$30,250	87.2%	0%	0%	0%	0%	0%	0%	87.2%
\$30,251 to \$48,400	94.9%	0%	0%	100%	0%	100%	100%	95.2%
\$48,401 to \$60,500	98.3%	0%	100%	100%	0%	0%	0%	98.3%
Above \$60,500	98.9%	0%	100%	100%	0%	100%	100%	98.9%
Total	92.9%	0%	100%	75%	0%	100%	100%	93%

Table II.62.82
Percent of Renter Households with Severe Housing Problems by Income and Race

Mahaska County
2012–2016 HUD CHAS Data

2012-2016 HUD CHAS Data								
Income	Non-Hispanic by Race						Hispanic (Any Race)	Total
	White	Black	Asian	American Indian	Pacific Islander	Other Race		
With A Severe Housing Problem								
\$0 to \$18,150	66.4%	100%	100%	0%	0%	83.3%	100%	71.3%
\$18,151 to \$30,250	23.9%	0%	0%	0%	0%	50%	0%	23.1%
\$30,251 to \$48,400	12.1%	0%	100%	0%	0%	0%	0%	11.9%
\$48,401 to \$60,500	2.3%	0%	0%	0%	0%	0%	0%	2.2%
Above \$60,500	2.2%	0%	0%	0%	0%	0%	0%	2.2%
Total	24.5%	9.1%	100%	0%	0%	62.5%	64.5%	27.2%
Without A Severe Housing Problems								
\$0 to \$18,150	31.2%	0%	0%	0%	0%	16.7%	0%	26.7%
\$18,151 to \$30,250	76.1%	100%	0%	0%	0%	50%	0%	76.9%
\$30,251 to \$48,400	87.9%	0%	0%	0%	0%	0%	100%	88.1%
\$48,401 to \$60,500	97.7%	0%	0%	0%	0%	100%	0%	97.8%
Above \$60,500	97.8%	0%	0%	0%	0%	0%	100%	97.8%
Total	74.9%	90.9%	0%	0%	0%	37.5%	35.5%	72.2%

Table II.62.83
Percent of Total Households with Severe Housing Problems by Income and Race
 Mahaska County
 2012–2016 HUD CHAS Data

Income	Non-Hispanic by Race						Hispanic (Any Race)	Total
	White	Black	Asian	American Indian	Pacific Islander	Other Race		
With A Severe Housing Problem								
\$0 to \$18,150	58.1%	100%	78.9%	100%	0%	58.8%	100%	61.4%
\$18,151 to \$30,250	17.7%	0%	0%	0%	0%	50%	0%	17.6%
\$30,251 to \$48,400	7.8%	0%	100%	0%	0%	0%	0%	7.6%
\$48,401 to \$60,500	1.8%	0%	0%	0%	0%	0%	0%	1.8%
Above \$60,500	1.3%	0%	0%	0%	0%	0%	0%	1.3%
Total	11.7%	9.1%	30.6%	25%	0%	38.5%	43.5%	12.8%
Without A Severe Housing Problems								
\$0 to \$18,150	35.9%	0%	21.1%	0%	0%	41.2%	0%	33.3%
\$18,151 to \$30,250	82.3%	100%	0%	0%	0%	50%	0%	82.4%
\$30,251 to \$48,400	92.2%	0%	0%	100%	0%	100%	100%	92.4%
\$48,401 to \$60,500	98.2%	0%	100%	100%	0%	100%	0%	98.2%
Above \$60,500	98.7%	0%	100%	100%	0%	100%	100%	98.7%
Total	87.5%	90.9%	69.4%	75%	0%	61.5%	56.5%	86.5%

Table II.62.84
Total Households with Severe Housing Problems by Income and Race
 Mahaska County
 2012–2016 HUD CHAS Data

Income	Non-Hispanic by Race						Hispanic (Any Race)	Total
	White	Black	Asian	American Indian	Pacific Islander	Other Race		
With A Severe Housing Problem								
\$0 to \$18,150	630	4	15	4	0	20	80	753
\$18,151 to \$30,250	185	0	0	0	0	10	0	195
\$30,251 to \$48,400	125	0	4	0	0	0	0	129
\$48,401 to \$60,500	19	0	0	0	0	0	0	19
Above \$60,500	50	0	0	0	0	0	0	50
Total	1,009	4	19	4	0	30	80	1,146
Without A Severe Housing Problems								
\$0 to \$18,150	390	0	4	0	0	14	0	408
\$18,151 to \$30,250	860	40	0	0	0	10	0	910
\$30,251 to \$48,400	1,485	0	0	4	0	10	70	1,569
\$48,401 to \$60,500	1,025	0	4	4	0	4	0	1,037
Above \$60,500	3,770	0	35	4	0	10	34	3,853
Total	7,530	40	43	12	0	48	104	7,777
Not Computed								
\$0 to \$18,150	65	0	0	0	0	0	0	65
\$18,151 to \$30,250	0	0	0	0	0	0	0	0
\$30,251 to \$48,400	0	0	0	0	0	0	0	0
\$48,401 to \$60,500	0	0	0	0	0	0	0	0
Above \$60,500	0	0	0	0	0	0	0	0
Total	65	0	0	0	0	0	0	65
Total								
\$0 to \$18,150	1,085	4	19	4	0	34	80	1,226
\$18,151 to \$30,250	1,045	40	0	0	0	20	0	1,105
\$30,251 to \$48,400	1,610	0	4	4	0	10	70	1,698
\$48,401 to \$60,500	1,044	0	4	4	0	4	0	1,056
Above \$60,500	3,820	0	35	4	0	10	34	3,903
Total	8,604	44	62	16	0	78	184	8,988

Housing problems are explored by type and income in Table II.62.85 and Table II.62.86. More than 1,115 households have a cost burden and 960 have a severe cost burden. Some 355 renter households are impacted by cost burdens, and 630 are impacted by severe cost burdens. On the other hand, some 760 owner-occupied households have cost burdens, and 330 have severe cost burdens. Overall there are 6,655 households without a housing problem.

Table II.62.85 Percent of Housing Problems by Income and Tenure Mahaska County 2012–2016 HUD CHAS Data						
Housing Problem	\$0 to \$18,150	\$18,151 to \$30,250	\$30,251 to \$48,400	\$48,401 to \$60,500	Above \$60,500	Total
Owner-Occupied						
Lacking complete plumbing or kitchen facilities	0.0%	0.0%	1.1%	0.0%	0.0%	0.2%
Severely Overcrowded with > 1.51 people per room (and complete kitchen and plumbing)	0.0%	0.0%	0.4%	0.0%	0.0%	0.1%
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0.0%	3.1%	0.4%	2.8%	1.2%	1.4%
Housing cost burden greater than 50% of income (and none of the above problems)	49.0%	15.0%	3.2%	1.1%	0.4%	6.2%
Housing cost burden greater than 30% of income (and none of the above problems)	27.6%	36.2%	16.2%	6.2%	3.0%	10.6%
Zero/negative income (and none of the above problems)	12.2%	0.0%	0.0%	0.0%	0.0%	0.9%
has none of the 4 housing problems	11.2%	45.7%	78.7%	89.8%	95.4%	80.6%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%
Renter-Occupied						
Lacking complete plumbing or kitchen facilities	0.0%	4.3%	5.4%	0.0%	2.5%	2.5%
Severely Overcrowded with > 1.51 people per room (and complete kitchen and plumbing)	0.5%	0.0%	0.0%	0.0%	1.6%	0.5%
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0.0%	0.0%	2.2%	1.9%	0.7%	0.7%
Housing cost burden greater than 50% of income (and none of the above problems)	62.0%	17.4%	0.0%	0.0%	0.0%	22.0%
Housing cost burden greater than 30% of income (and none of the above problems)	11.6%	41.7%	10.9%	0.0%	0.0%	14.4%
Zero/negative income (and none of the above problems)	1.3%	0.0%	0.0%	0.0%	0.0%	0.4%
has none of the 4 housing problems	24.5%	36.5%	81.5%	98.1%	95.2%	59.5%
Total	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Table II.62.86
Housing Problems by Income and Tenure
 Mahaska County
 2012–2016 HUD CHAS Data

Housing Problem	\$0 to \$18,150	\$18,151 to \$30,250	\$30,251 to \$48,400	\$48,401 to \$60,500	Above \$60,500	Total
Owner-Occupied						
Lacking complete plumbing or kitchen facilities	0	4	10	0	0	14
Severely Overcrowded with > 1.51 people per room (and complete kitchen and plumbing)	0	0	4	0	0	4
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0	4	4	0	35	43
Housing cost burden greater than 50% of income (and none of the above problems)	210	70	35	15	0	330
Housing cost burden greater than 30% of income (and none of the above problems)	145	250	195	50	120	760
Zero/negative income (and none of the above problems)	50	0	0	0	0	50
has none of the 4 housing problems	55	260	785	815	3,075	4,990
Total	460	588	1,033	880	3,230	6,191
Renter-Occupied						
Lacking complete plumbing or kitchen facilities	15	15	65	0	15	110
Severely Overcrowded with > 1.51 people per room (and complete kitchen and plumbing)	4	0	0	0	0	4
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0	0	15	4	4	23
Housing cost burden greater than 50% of income (and none of the above problems)	525	105	0	0	0	630
Housing cost burden greater than 30% of income (and none of the above problems)	85	205	65	0	0	355
Zero/negative income (and none of the above problems)	15	0	0	0	0	15
has none of the 4 housing problems	120	195	520	175	655	1,665
Total	764	520	665	179	674	2,802
Total						
Lacking complete plumbing or kitchen facilities	15	19	75	0	15	124
Severely Overcrowded with > 1.51 people per room (and complete kitchen and plumbing)	4	0	4	0	0	8
Overcrowded - With 1.01-1.5 people per room (and none of the above problems)	0	4	19	4	39	66
Housing cost burden greater than 50% of income (and none of the above problems)	735	175	35	15	0	960
Housing cost burden greater than 30% of income (and none of the above problems)	230	455	260	50	120	1,115
Zero/negative income (and none of the above problems)	65	0	0	0	0	65
has none of the 4 housing problems	175	455	1,305	990	3,730	6,655
Total	1,224	1,108	1,698	1,059	3,904	8,993

Cost Burdens

For owner occupied housing, elderly non-family households are more likely to be impacted by housing cost burdens, with 31.2 percent of these households having a cost burden or severe cost burden. For lower income owner households, elderly non-family households and large families are most likely to experience cost burdens. Some 65.4 percent of elderly non-family and 0 percent of large family households below 30 percent HAMFI face cost burdens or severe cost burdens. These data are shown in Table II.62.87

Table II.62.88 displays cost burden in renter-occupied households by family status and income. Renter households tend to be impacted at a higher rate by cost burdens than owner households. Some 363 renter occupied households faced cost burdens, compared to 748 owner occupied households. Of these, there are 79 renter households with incomes less than 30 percent HAMFI facing housing problems.

Table II.62.87 Owner-Occupied Households by Income and Family Status and Cost Burden Mahaska County 2012–2016 HUD CHAS Data						
Income	Elderly Family	Small Family	Large Family	Elderly Non-Family	Other Household	Total
No Cost Burden						
\$0 to \$18,150	4	20	4	20	15	63
\$18,151 to \$30,250	70	55	30	70	45	270
\$30,251 to \$48,400	225	210	90	180	95	800
\$48,401 to \$60,500	205	390	30	50	135	810
Above \$60,500	705	1,525	390	190	290	3,100
Total	1,209	2,200	544	510	580	5,043
Cost Burden						
\$0 to \$18,150	25	40	0	50	25	140
\$18,151 to \$30,250	40	65	25	90	30	250
\$30,251 to \$48,400	35	70	40	20	25	190
\$48,401 to \$60,500	4	25	0	4	15	48
Above \$60,500	15	65	15	10	15	120
Total	119	265	80	174	110	748
Severe Cost Burden						
\$0 to \$18,150	35	55	0	35	85	210
\$18,151 to \$30,250	10	25	0	30	4	69
\$30,251 to \$48,400	10	10	15	4	4	43
\$48,401 to \$60,500	4	10	0	0	0	14
Above \$60,500	0	0	0	0	0	0
Total	59	100	15	69	93	336
Cost Burden Not Computed						
\$0 to \$18,150	0	25	0	25	4	54
\$18,151 to \$30,250	0	0	0	0	0	0
\$30,251 to \$48,400	0	0	0	0	0	0
\$48,401 to \$60,500	0	0	0	0	0	0
Above \$60,500	0	0	0	0	0	0
Total	0	25	0	25	4	54
Total						
\$0 to \$18,150	64	140	4	130	129	467
\$18,151 to \$30,250	120	145	55	190	79	589
\$30,251 to \$48,400	270	290	145	204	124	1,033
\$48,401 to \$60,500	213	425	30	54	150	872
Above \$60,500	720	1,590	405	200	305	3,220
Total	1,387	2,590	639	778	787	6,181

Table II.62.88
Renter-Occupied Households by Income and Family Status and Cost Burden
 Mahaska County
 2012–2016 HUD CHAS Data

Income	Elderly Family	Small Family	Large Family	Elderly Non-Family	Other Household	Total
No Cost Burden						
\$0 to \$18,150	0	60	0	55	20	135
\$18,151 to \$30,250	20	50	4	90	30	194
\$30,251 to \$48,400	80	150	75	115	175	595
\$48,401 to \$60,500	35	95	4	0	45	179
Above \$60,500	35	245	10	65	320	675
Total	170	600	93	325	590	1,778
Cost Burden						
\$0 to \$18,150	25	30	0	4	20	79
\$18,151 to \$30,250	40	95	10	10	65	220
\$30,251 to \$48,400	4	35	0	10	15	64
\$48,401 to \$60,500	0	0	0	0	0	0
Above \$60,500	0	0	0	0	0	0
Total	69	160	10	24	100	363
Severe Cost Burden						
\$0 to \$18,150	15	85	30	55	350	535
\$18,151 to \$30,250	35	15	0	45	20	115
\$30,251 to \$48,400	0	0	0	0	0	0
\$48,401 to \$60,500	0	0	0	0	0	0
Above \$60,500	0	0	0	0	0	0
Total	50	100	30	100	370	650
Cost Burden Not Computed						
\$0 to \$18,150	0	10	0	0	10	20
\$18,151 to \$30,250	0	0	0	0	0	0
\$30,251 to \$48,400	0	0	0	0	0	0
\$48,401 to \$60,500	0	0	0	0	0	0
Above \$60,500	0	0	0	0	0	0
Total	0	10	0	0	10	20
Total						
\$0 to \$18,150	40	185	30	114	400	769
\$18,151 to \$30,250	95	160	14	145	115	529
\$30,251 to \$48,400	84	185	75	125	190	659
\$48,401 to \$60,500	35	95	4	0	45	179

Above \$60,500	35	245	10	65	320	675
Total	289	870	133	449	1,070	2,811

In total, some 1,119 households face cost burdens, and 973 face severe cost burdens. This includes 759 owner households and 360 renter households with a cost burden, as seen in Table II.62.89.

Table II.62.89 Households with Cost Burden by Tenure and Race Mahaska County 2012–2016 HUD CHAS Data					
Race	No Cost Burden	Cost Burden	Severe Cost Burden	Not Computed	Total
Owner-Occupied					
White	4,920	745	325	50	6,040
Black	0	0	0	0	0
Asian	45	0	0	0	45
American Indian	4	4	4	0	12
Pacific Islander	0	0	0	0	0
Other Race	30	0	0	0	30
Hispanic	50	10	0	0	60
Total	5,049	759	329	50	6,187
Renter-Occupied					
White	1,720	310	510	15	2,555
Black	0	40	4	0	44
Asian	4	0	15	0	19
American Indian	0	0	0	0	0
Pacific Islander	0	0	0	0	0
Other Race	10	10	35	0	55
Hispanic	40	0	80	0	120
Total	1,774	360	644	15	2,793
Total					
White	6,640	1,055	835	65	8,595
Black	0	40	4	0	44
Asian	49	0	15	0	64
American Indian	4	4	4	0	12
Pacific Islander	0	0	0	0	0
Other Race	40	10	35	0	85
Hispanic	90	10	80	0	180
Total	6,823	1,119	973	65	8,980

Lead-Based Paint Risks

Table II.62.90 shows the risk of lead-based paint for households with young children present. As seen therein, there are an estimated 380 households built between 1940 and 1979 with young children present, and 505 built prior to 1939.

Table II.62.90 Vintage of Households by Income and Presence of Young Children Mahaska County 2012–2016 HUD CHAS Data			
Income	One or more children age 6 or younger	No children age 6 or younger	Total
Built 1939 or Earlier			
\$0 to \$18,150	75	285	360
\$18,151 to \$30,250	55	300	355
\$30,251 to \$48,400	125	470	595
\$48,401 to \$60,500	100	310	410
Above \$60,500	150	935	1,085
Total	505	2,300	2,805
Built 1940 to 1979			
\$0 to \$18,150	30	555	585
\$18,151 to \$30,250	25	415	440
\$30,251 to \$48,400	140	670	810
\$48,401 to \$60,500	70	305	375
Above \$60,500	115	1,525	1,640
Total	380	3,470	3,850
Built 1980 or Later			
\$0 to \$18,150	50	230	280
\$18,151 to \$30,250	0	305	305
\$30,251 to \$48,400	45	245	290
\$48,401 to \$60,500	50	225	275
Above \$60,500	270	905	1,175
Total	415	1,910	2,325
Total			
\$0 to \$18,150	155	1,070	1,225
\$18,151 to \$30,250	80	1,020	1,100
\$30,251 to \$48,400	310	1,385	1,695
\$48,401 to \$60,500	220	840	1,060
Above \$60,500	535	3,365	3,900
Total	1,300	7,680	8,980

Elderly Housing Needs

Table II.62.91 shows the rate of housing problems for elderly households. Some 380 elderly and 415 extra-elderly households have housing problems. Of these, some 160 elderly households with housing problems have incomes less than 30 percent HAMFI, and 115 extra-elderly households have incomes below 30 percent HAMFI.

Table II.62.91 Households with Housing Problems by Income and Elderly Status Mahaska County 2012–2016 HUD CHAS Data				
Income	Elderly	Extra-Elderly	Non-Elderly	Total
With Housing Problems				
\$0 to \$18,150	160	115	710	985
\$18,151 to \$30,250	105	210	335	650
\$30,251 to \$48,400	70	80	240	390
\$48,401 to \$60,500	15	0	54	69
Above \$60,500	30	10	135	175
Total	380	415	1,474	2,269
Without Housing Problems				
\$0 to \$18,150	25	40	110	175
\$18,151 to \$30,250	125	125	200	450
\$30,251 to \$48,400	380	185	740	1,305
\$48,401 to \$60,500	185	120	685	990
Above \$60,500	760	340	2,630	3,730
Total	1,475	810	4,365	6,650
Not Computed				
\$0 to \$18,150	15	20	30	65
\$18,151 to \$30,250	0	0	0	0
\$30,251 to \$48,400	0	0	0	0
\$48,401 to \$60,500	0	0	0	0
Above \$60,500	0	0	0	0
Total	15	20	30	65
Total				
\$0 to \$18,150	200	175	850	1,225
\$18,151 to \$30,250	230	335	535	1,100
\$30,251 to \$48,400	450	265	980	1,695
\$48,401 to \$60,500	200	120	739	1,059
Above \$60,500	790	350	2,765	3,905
Total	1,870	1,245	5,869	8,984

Mahaska County Real Estate Transactions

Real estate transactions for Mahaska County as reported by the Iowa Department of Revenue are presented below. In 2019, single-family units had an average sales price of 112,406 dollars, while duplex units had an average sales price of 64,875 dollars. In comparison, in Mahaska County, the average sales price of a Townhouse or Condo was 165,000 dollars in 2019.

Table II.62.92 Average Sales Price by Unit Type Mahaska County Iowa Real Estate Transactions 2016 - 2019					
Unit Type	2016	2017	2018	2019	Average
Single Family	\$87,730	\$102,654	\$115,508	\$112,406	\$104,990
Duplex	\$135,430	\$76,222	\$37,659	\$64,875	\$69,588
Tri/Four Plex	\$61,250	\$38,664	\$46,333	\$0	\$45,482
Townhouse/Condo	\$180,000	\$179,827	\$213,500	\$165,000	\$199,422
Multi-Family	\$150,000	\$246,467	\$92,167	\$88,750	\$149,267
Mobile Home	\$48,500	\$0	\$0	\$650,000	\$349,250

The number of transactions by unit type are presented below for Mahaska County. In 2019, there were 276 single-family home sales and 2 apartment unit sales.

Table II.62.93 Number of Transactions by Unit Type Mahaska County Iowa Real Estate Transactions 2016 - 2019					
Unit Type	2016	2017	2018	2019	Total
Single Family	310	405	404	276	1,395
Duplex	5	9	11	8	33
Tri/Four Plex	2	5	3	0	10
Townhouse/Condo	1	3	8	1	13
Multi-Family	1	3	3	2	9
Mobile Home	1	0	0	1	2

The average sales price of a single-family home built before 1939 in Mahaska County was 69,564 dollars in 2019, compared to 193,390 dollars for a single-family home built after 2010. The average sales price of a single-family home sold in Mahaska County between 2016 and 2019 is 104,990 dollars.

Table II.62.94
Average Sales Price of Single-Family Transactions by Year Built

Mahaska County Iowa Real Estate Transactions 2016 - 2019					
Year Built	2016	2017	2018	2019	Average
Before 1939	\$58,829	\$64,925	\$73,824	\$69,564	\$67,149
1940 - 1949	\$82,616	\$62,268	\$78,089	\$112,621	\$81,877
1950 - 1959	\$79,917	\$66,910	\$92,900	\$105,960	\$88,484
1960 - 1966	\$88,987	\$98,101	\$118,794	\$123,900	\$105,151
1970 - 1979	\$112,470	\$100,592	\$167,785	\$127,897	\$130,190
1980 -1989	\$118,018	\$134,842	\$136,383	\$146,750	\$133,300
1990 -1999	\$141,601	\$162,886	\$199,538	\$208,106	\$178,385
2000 -2009	\$158,245	\$253,561	\$240,130	\$199,239	\$221,097
2010 or Later	\$171,517	\$208,320	\$202,466	\$193,390	\$194,288
Average	\$87,730	\$102,654	\$115,508	\$112,406	\$104,990

The number of single-family homes sold by year built in Mahaska County is presented below. In 2019 there was a total of 276 single-family homes sold, with 30 homes built between 1970 and 1979, 8 homes built between 1980 and 1989, and 18 homes built between 1990 and 1999 being sold. In total, there have been 1,395 single-family homes sold in Mahaska County between 2016 and 2019.

Table II.62.95
Number of Single-Family Transactions by Year Built

Mahaska County Iowa Real Estate Transactions 2016 - 2019					
Year Built	2016	2017	2018	2019	Total
Before 1939	133	187	184	122	626
1940 - 1949	14	19	18	14	65
1950 - 1959	32	21	42	31	126
1960 - 1966	29	30	21	21	101
1970 - 1979	39	48	58	30	175
1980 -1989	14	23	23	8	68
1990 -1999	19	29	29	18	95
2000 -2009	17	36	20	22	95
2010 or Later	9	10	9	10	38
Total	310	405	404	276	1,395