

Standard Report

Location

Boone County, IA

Demographics

Current population demographics and changes in demographic composition over time play a determining role in the types of health and social services needed by communities.

Total Population

A total of 26,381 people live in the 570.49 square mile report area defined for this assessment according to the U.S. Census Bureau American Community Survey 2016-20 5-year estimates. The population density for this area, estimated at 46 persons per square mile, is less than the national average population density of 92 persons per square mile.

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Boone County, IA	26,381	570.49	46
Iowa	3,150,011	55,853.42	56
United States	326,569,308	3,533,038.14	92

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Population, Density (Persons per Sq Mile) by Tract, ACS 2016-20

- Over 5,000
- 1,001 - 5,000
- 501 - 1,000
- 51 - 500
- Under 51
- No Data or Data Suppressed
- Boone County, IA

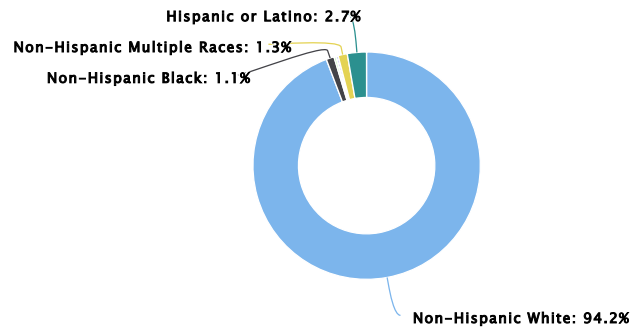
Population by Combined Race and Ethnicity

This indicator reports the percentage of the total population in the report area by combined race and ethnicity.

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic Asian	Non-Hispanic Native American or Alaska Native	Non-Hispanic Native Hawaiian or Pacific Islander	Non-Hispanic Some Other Race	Non-Hispanic Multiple Races	Hispanic or Latino
Boone County, IA	94.23%	1.13%	0.26%	0.09%	0.26%	0.00%	1.30%	2.73%
Iowa	85.01%	3.63%	2.50%	0.26%	0.12%	0.10%	2.21%	6.17%
United States	60.09%	12.25%	5.57%	0.64%	0.17%	0.31%	2.80%	18.18%

Population by Combined Race and Ethnicity

Boone County, IA



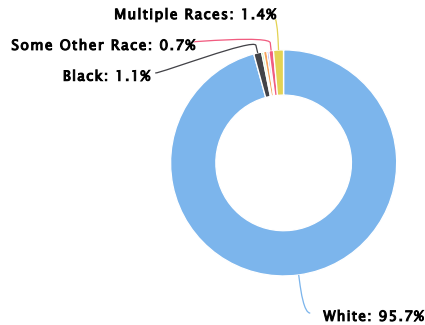
Total Population by Race Alone, Total

This indicator reports the total population of the report area by race alone.

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Boone County, IA	25,259	299	68	133	69	174	379
Iowa	2,806,418	117,035	79,296	10,538	3,941	39,804	92,979
United States	229,960,813	41,227,384	18,421,637	2,688,614	611,404	16,783,914	16,875,542

Total Population by Race Alone, Total

Boone County, IA



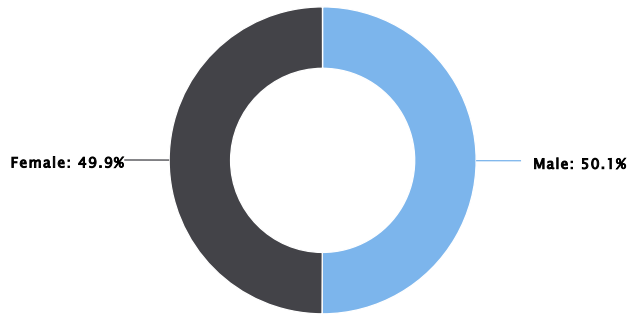
Total Population by Gender

This indicator reports the total population of the report area by gender.

Report Area	Male	Female	Male, Percent	Female, Percent
Boone County, IA	13,207	13,174	50.06%	49.94%
Iowa	1,564,436	1,585,575	49.66%	50.34%
United States	160,818,530	165,750,778	49.24%	50.76%

Total Population by Gender

Boone County, IA

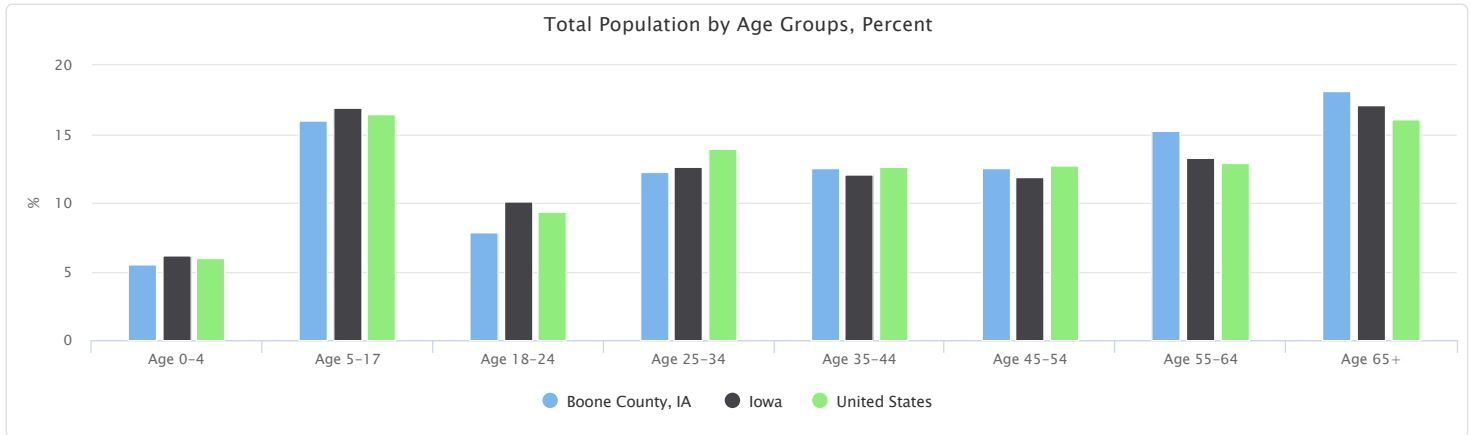


Total Population by Age Groups, Percent

This indicator reports the percentage of age groups in the population of the report area.

Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65+
Boone County, IA	5.51%	15.96%	7.82%	12.26%	12.52%	12.54%	15.27%	18.12%
Iowa	6.21%	16.92%	10.05%	12.60%	12.10%	11.83%	13.23%	17.06%
United States	6.02%	16.43%	9.32%	13.93%	12.66%	12.72%	12.89%	16.03%

Total Population by Age Groups, Percent



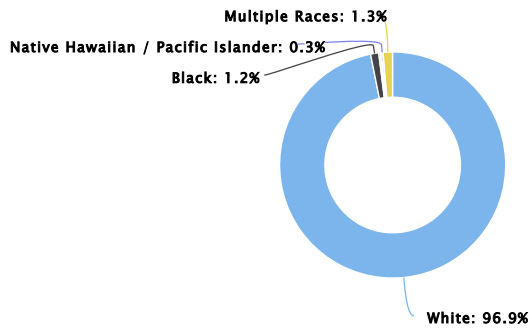
Non-Hispanic Population by Race Alone, Total

This indicator reports the total of non-hispanic population in the report area by race alone.

Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Boone County, IA	24,858	299	68	25	69	0	343
Iowa	2,677,946	114,312	78,873	8,055	3,644	3,233	69,541
United States	196,251,375	39,994,653	18,184,182	2,075,852	550,080	1,017,604	9,134,542

Non-Hispanic Population by Race Alone, Total

Boone County, IA



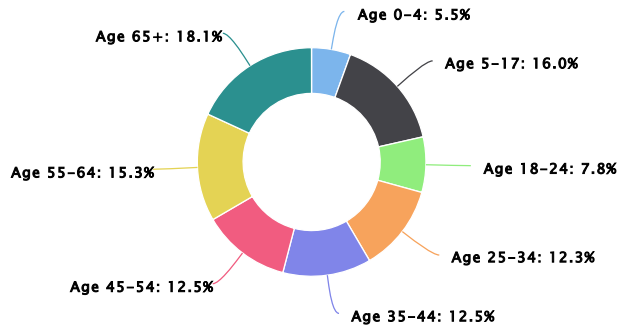
Total Population by Age Groups, Total

This indicator reports the total population of the report area by age groups

Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65+
Boone County, IA	1,454	4,211	2,062	3,234	3,303	3,307	4,029	4,781
Iowa	195,462	533,025	316,660	396,791	381,270	372,676	416,726	537,401
United States	19,650,192	53,646,546	30,435,736	45,485,165	41,346,677	41,540,736	42,101,439	52,362,817

Total Population by Age Groups, Total

Boone County, IA



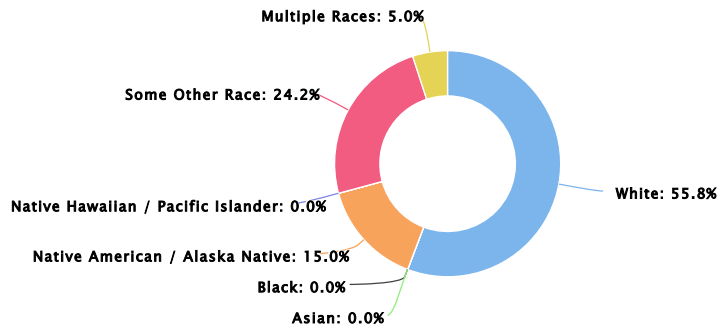
Hispanic Population by Race Alone, Total

This indicator reports the total of Hispanic or Latino population in the report area by race alone.

Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Boone County, IA	401	0	0	108	0	174	36
Iowa	128,472	2,723	423	2,483	297	36,571	23,438
United States	33,709,438	1,232,731	237,455	612,762	61,324	15,766,310	7,741,000

Hispanic Population by Race Alone, Total

Boone County, IA

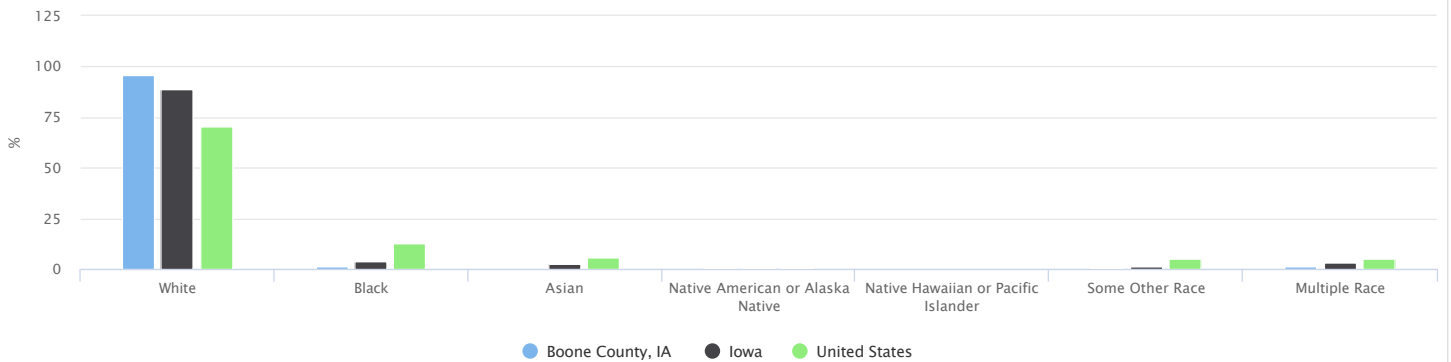


Total Population by Race Alone, Percent

This indicator reports the percentage of population by race alone in the report area.

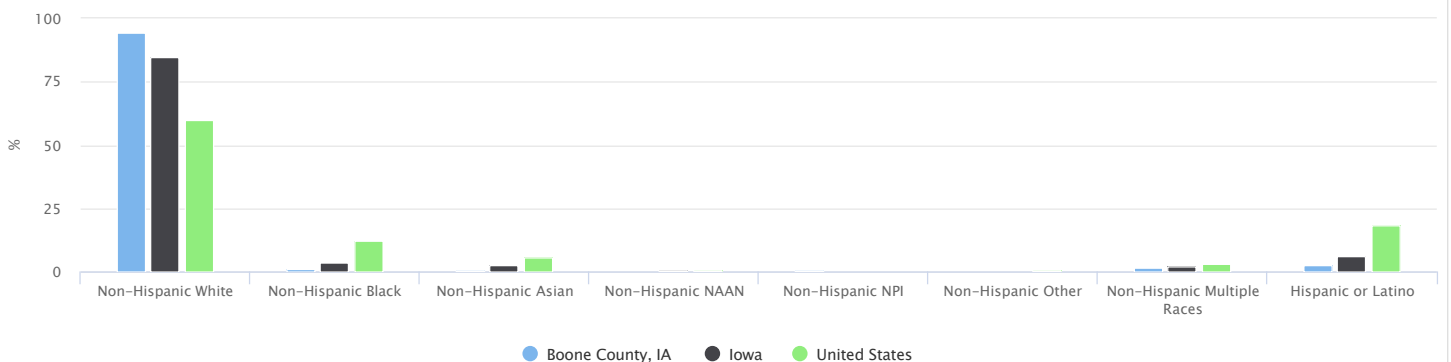
Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	95.75%	1.13%	0.26%	0.50%	0.26%	0.66%	1.44%
Iowa	89.09%	3.72%	2.52%	0.33%	0.13%	1.26%	2.95%
United States	70.42%	12.62%	5.64%	0.82%	0.19%	5.14%	5.17%

Total Population by Race Alone, Percent



This indicator reports the percentage of the total population in the report area by combined race and ethnicity.

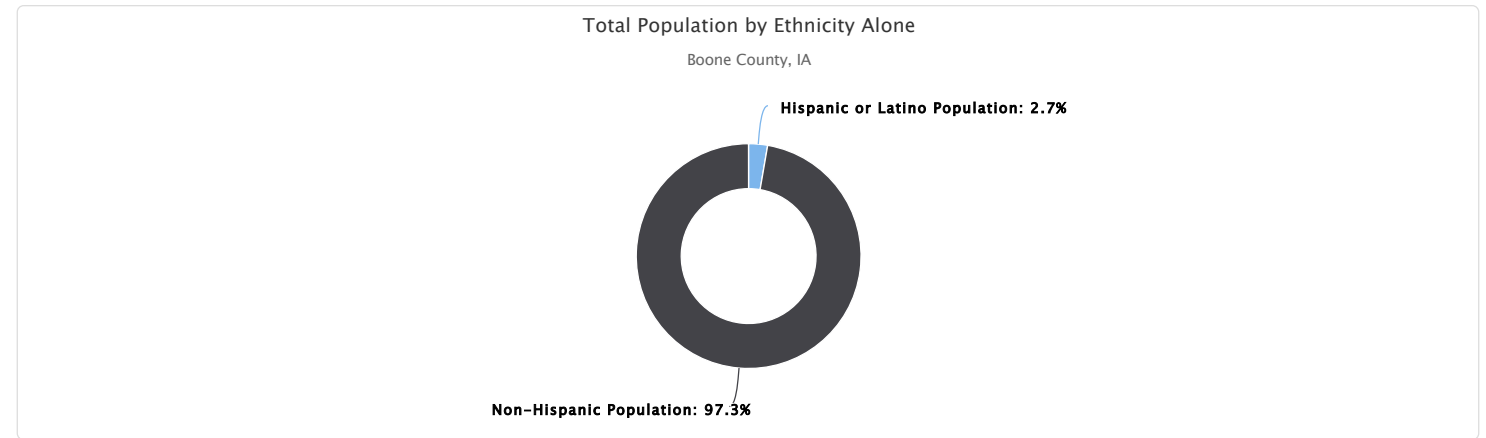
Population by Combined Race and Ethnicity



Total Population by Ethnicity Alone

This indicator reports the total population of the report area by ethnicity alone.

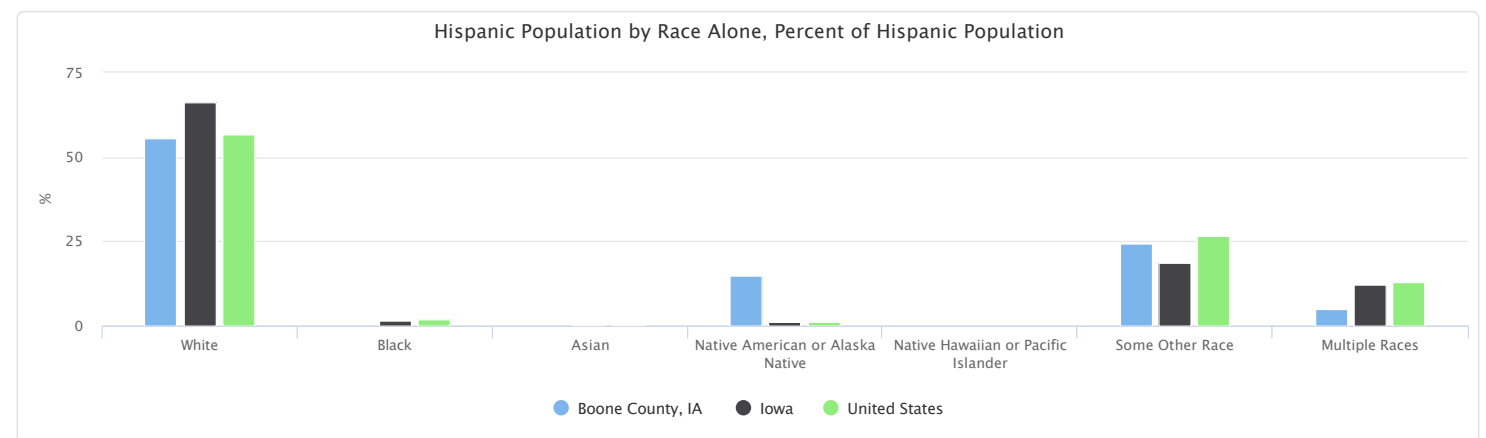
Report Area	Total Population	Hispanic or Latino Population	Hispanic or Latino Population, Percent	Non-Hispanic Population	Non-Hispanic Population, Percent
Boone County, IA	26,381	719	2.73%	25,662	97.27%
Iowa	3,150,011	194,407	6.17%	2,955,604	93.83%
United States	326,569,308	59,361,020	18.18%	267,208,288	81.82%



Hispanic Population by Race Alone, Percent of Hispanic Population

This indicator reports the percentage of Hispanic or Latino population in the report area by race alone.

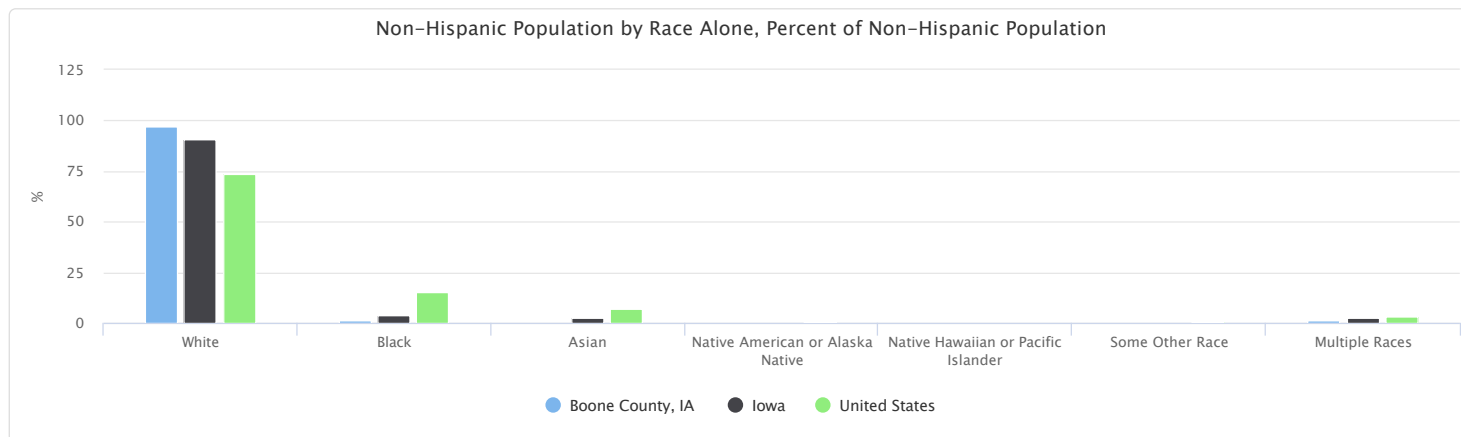
Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Boone County, IA	55.77%	0.00%	0.00%	15.02%	0.00%	24.20%	5.01%
Iowa	66.08%	1.40%	0.22%	1.28%	0.15%	18.81%	12.06%
United States	56.79%	2.08%	0.40%	1.03%	0.10%	26.56%	13.04%



Non-Hispanic Population by Race Alone, Percent of Non-Hispanic Population

This indicator reports the percentage of non-Hispanic population in the report area by race alone.

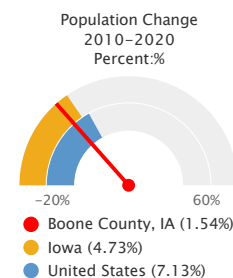
Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Boone County, IA	96.87%	1.17%	0.26%	0.10%	0.27%	0.00%	1.34%
Iowa	90.61%	3.87%	2.67%	0.27%	0.12%	0.11%	2.35%
United States	73.45%	14.97%	6.81%	0.78%	0.21%	0.38%	3.42%



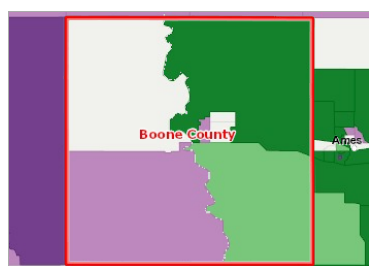
Total Population Change, 2010 - 2020

According to the United States Census Bureau Decennial Census, between 2010 and 2020 the population in the report area grew by 406 persons, a change of 1.54%. A significant positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2010 Census	Total Population, 2020 Census	Population Change, 2010-2020	Population Change, 2010-2020, Percent
Boone County, IA	26,309	26,715	406	1.54%
Iowa	3,046,357	3,190,369	144,012	4.73%
United States	312,471,161	334,735,155	22,263,994	7.13%



Note: This indicator is compared to the state average.
Data Source: US Census Bureau, Decennial Census, 2020. Source geography: Tract



[View larger map](#)

Population Change, Percent by Tract, US Census 2010 - 2020

- Over 10.0% Increase (+)
- 2.0 - 10.0% Increase (+)
- Less Than 2.0% Change (+/-)
- 2.0 - 10.0% Decrease (-)
- Over 10.0% Decrease (-)
- No Population or No Data
- Boone County, IA

Total Population Change (2010-2020) by Race

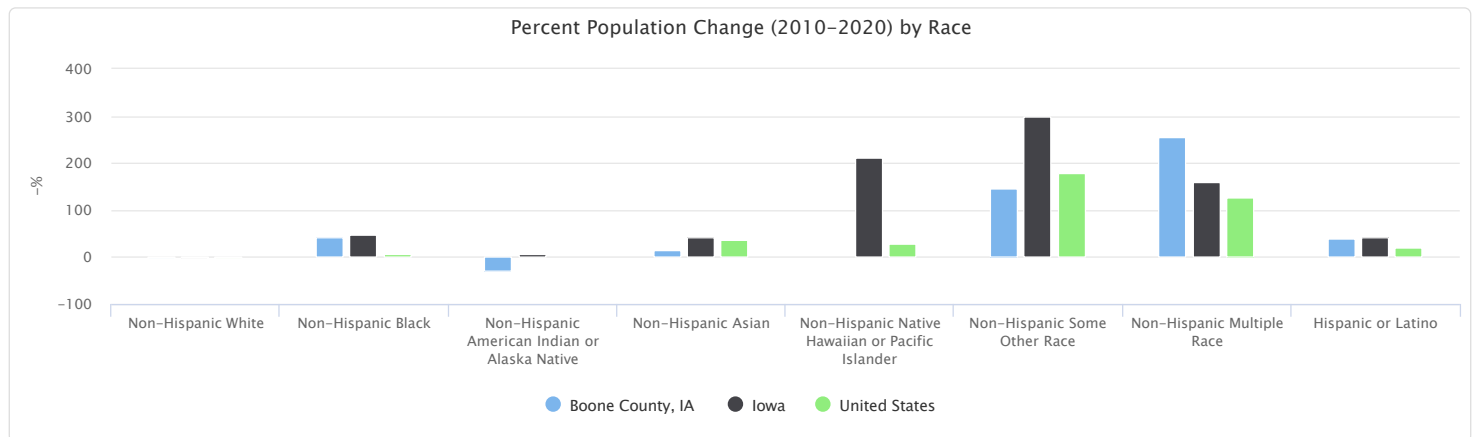
This indicator reports the total population change of the report area by combined race and ethnicity.

Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian or Alaska Native	Non-Hispanic Asian	Non-Hispanic Native Hawaiian or Pacific Islander	Non-Hispanic Some Other Race	Non-Hispanic Multiple Race	Hispanic or Latino
Boone County, IA	-477	87	-21	13	0	25	575	204
Iowa	-62,923	42,416	498	22,420	3,808	6,355	66,998	64,442
United States	-5,122,185	2,254,139	4,595	5,153,427	140,453	1,087,053	7,583,494	11,163,011

Percent Population Change (2010-2020) by Race

This indicator reports the percentage of population change of the report area by combined race and ethnicity.

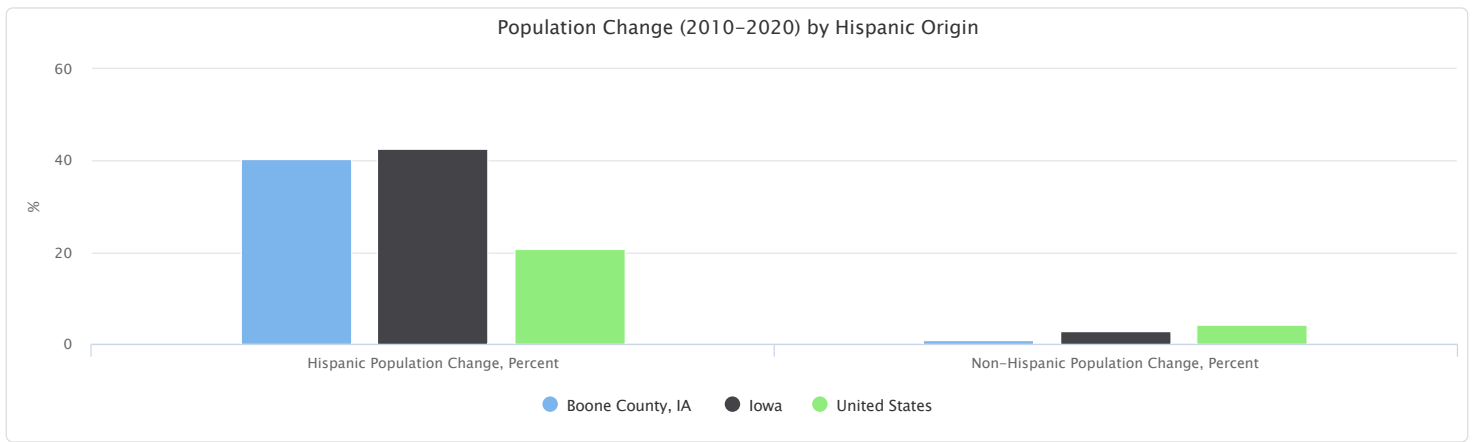
Report Area	Non-Hispanic White	Non-Hispanic Black	Non-Hispanic American Indian or Alaska Native	Non-Hispanic Asian	Non-Hispanic Native Hawaiian or Pacific Islander	Non-Hispanic Some Other Race	Non-Hispanic Multiple Race	Hispanic or Latino
Boone County, IA	-1.89%	43.07%	-29.17%	14.94%	0.00%	147.06%	254.42%	40.40%
Iowa	-2.33%	48.81%	5.80%	42.63%	211.91%	298.08%	160.76%	42.52%
United States	-2.60%	5.98%	0.20%	35.62%	29.16%	179.59%	127.07%	20.61%



Population Change (2010-2020) by Hispanic Origin

This indicator reports the Hispanic or Latino population change in the report area.

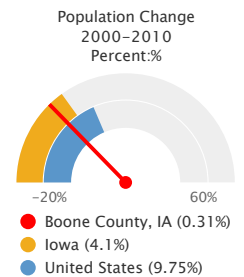
Report Area	Hispanic Population Change, Total	Hispanic Population Change, Percent	Non-Hispanic Population Change, Total	Non-Hispanic Population Change, Percent
Boone County, IA	204	40.40%	202	0.78%
Iowa	64,442	42.52%	79,571	2.75%
United States	11,163,011	20.61%	11,100,922	4.30%



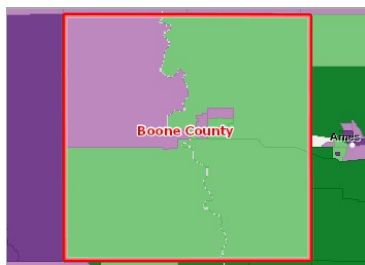
Total Population Change, 2000 - 2010

According to the United States Census Bureau Decennial Census, between 2000 and 2010 the population in the report area grew by 82 persons, a change of 0.31%. A significant positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2000 Census	Total Population, 2010 Census	Population Change, 2000-2010	Population Change, 2000-2010, Percent
Boone County, IA	26,224	26,306	82	0.31%
Iowa	2,926,325	3,046,355	120,030	4.1%
United States	280,405,781	307,745,539	27,339,758	9.75%



Note: This indicator is compared to the state average.
Data Source: US Census Bureau, Decennial Census, 2000 - 2010. Source geography: Tract



[View larger map](#)

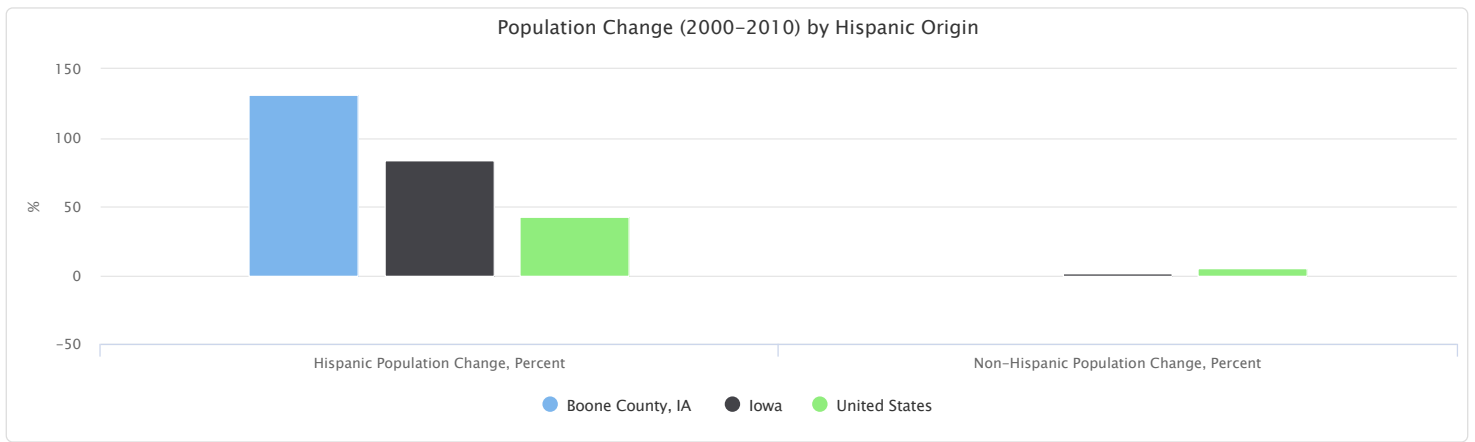
Population Change, Percent by Tract, US Census 2000 - 2010

- Over 10.0% Increase (+)
- 1.0 - 10.0% Increase (+)
- Less Than 1.0% Change (+/-)
- 1.0 - 10.0% Decrease (-)
- Over 10.0% Decrease (-)
- No Population or No Data
- Boone County, IA

Population Change (2000-2010) by Hispanic Origin

This indicator reports the Hispanic or Latino population change in the report area.

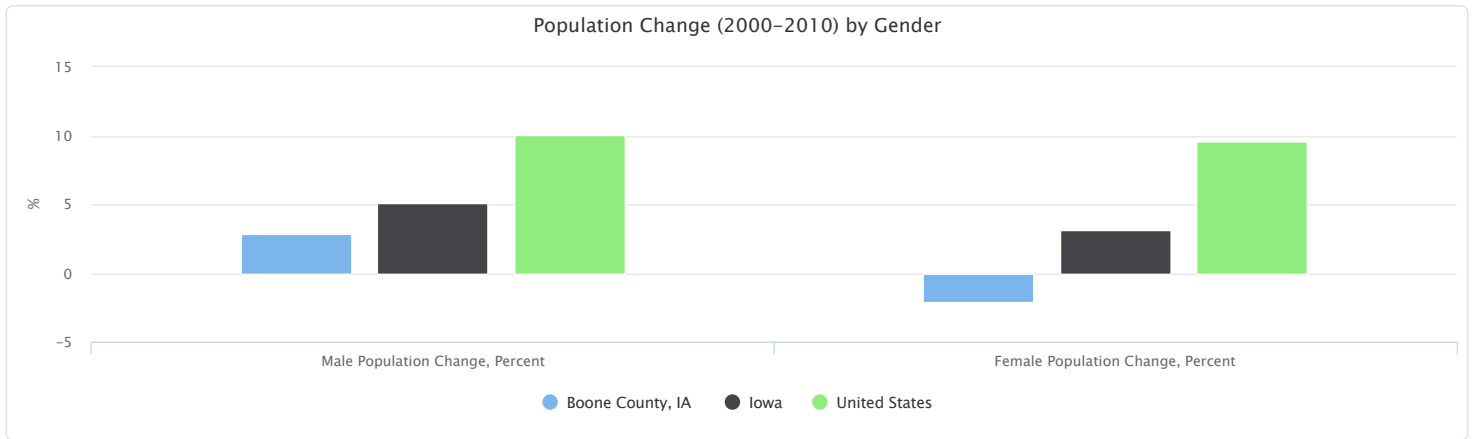
Report Area	Hispanic Population Change, Total	Hispanic Population Change, Percent	Non-Hispanic Population Change, Total	Non-Hispanic Population Change, Percent
Boone County, IA	287	131.65%	-205	-0.79%
Iowa	69,070	83.75%	50,961	1.79%
United States	15,152,943	42.93%	12,099,099	4.92%



Population Change (2000-2010) by Gender

This indicator reports the population change of the report area by gender.

Report Area	Male Population Change, Total	Male Population Change, Percent	Female Population Change, Total	Female Population Change, Percent
Boone County, IA	365	2.84%	-283	-2.11%
Iowa	72,803	5.07%	47,226	3.17%
United States	13,738,020	10.02%	13,601,733	9.55%



Total Population Change (2000-2010) by Race

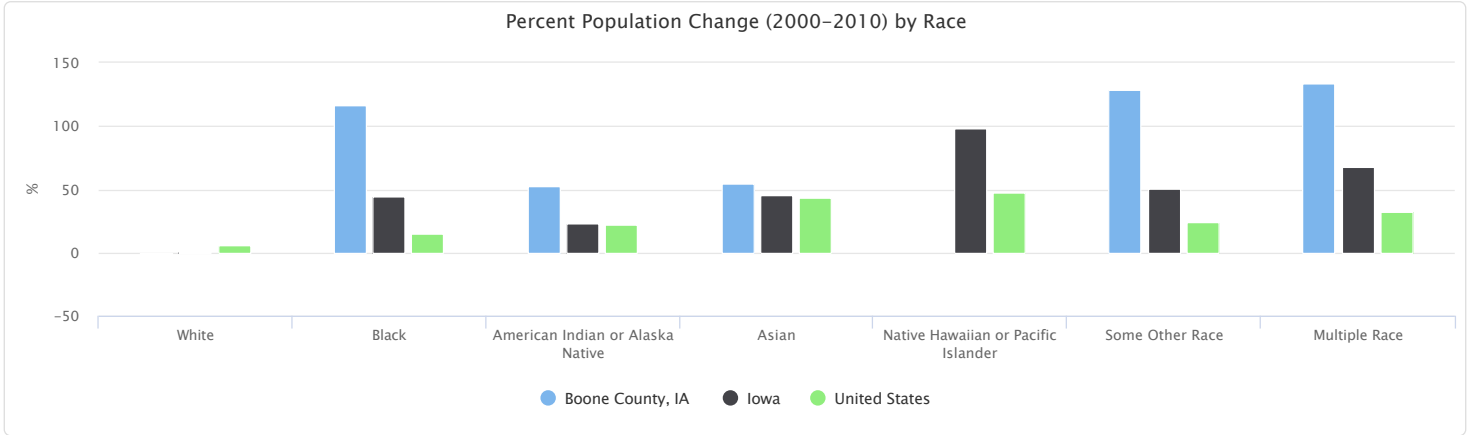
This indicator reports the total population change of the report area by race.

Report Area	White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	-329	111	28	31	3	86	152
Iowa	32,920	27,295	2,095	16,459	994	18,712	21,555
United States	12,199,518	5,189,316	521,420	4,433,864	141,446	3,703,567	2,190,889

Percent Population Change (2000-2010) by Race

This indicator reports the percentage of population change of the report area by race.

Report Area	White	Black	American Indian or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	-1.27%	116.84%	52.83%	54.39%	No data	128.36%	133.33%
Iowa	1.2%	44.13%	23.31%	44.93%	98.51%	50.01%	67.83%
United States	5.8%	15.43%	22.56%	43.72%	47.37%	24.2%	32.61%



Urban and Rural Population

This indicator reports the percentage of population living in urban and rural areas. Urban areas are identified using population density, count, and size thresholds. Urban areas also include territory with a high degree of impervious surface (development). Rural areas are all areas that are not urban. Of the report areas 26,306 population, 12,986 or 49.37% of the population is classified urban while 13,320 or 50.63% is rural.

Report Area	Total Population	Urban Population	Rural Population	Urban Population, Percent	Rural Population, Percent
Boone County, IA	26,306	12,986	13,320	49.37%	50.63%
Iowa	3,046,355	1,950,256	1,096,099	64.02%	35.98%
United States	312,471,327	252,746,527	59,724,800	80.89%	19.11%

Data Source: US Census Bureau, Decennial Census, 2010. Source geography: Tract



[View larger map](#)

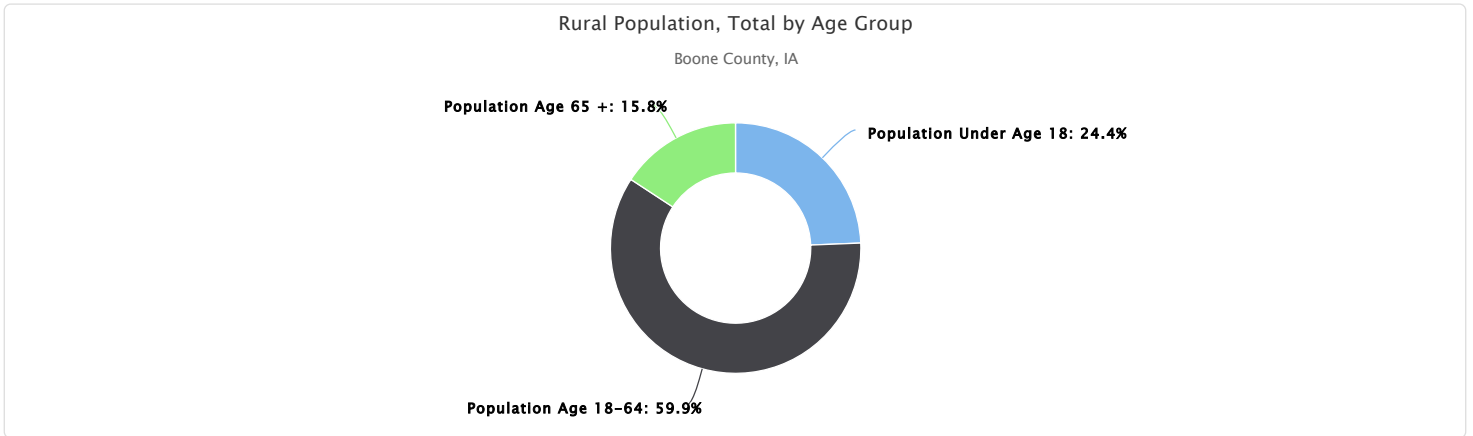
Urban Population, Percent by Tract, US Census 2010

- 100% Urban Population
- 90.1 - 99.9%
- 50.1 - 90.0%
- Under 50.1%
- No Urban Population
- No Data or Data Suppressed
- Boone County, IA

Rural Population, Total by Age Group

This indicator reports the total rural population of the report area by age group.

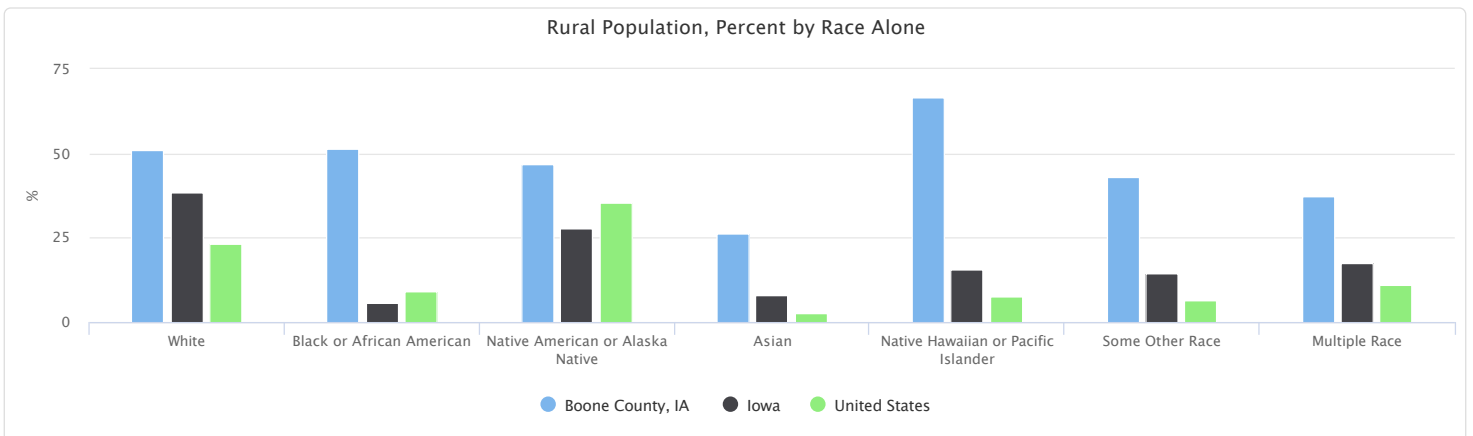
Report Area	Population Under Age 18	Population Age 18-64	Population Age 65 +
Boone County, IA	3,245	7,975	2,100
Iowa	266,008	644,110	185,981
United States	13,907,394	36,734,957	9,082,449



Rural Population, Percent by Race Alone

This indicator reports the percentage of rural population in the report area by race alone.

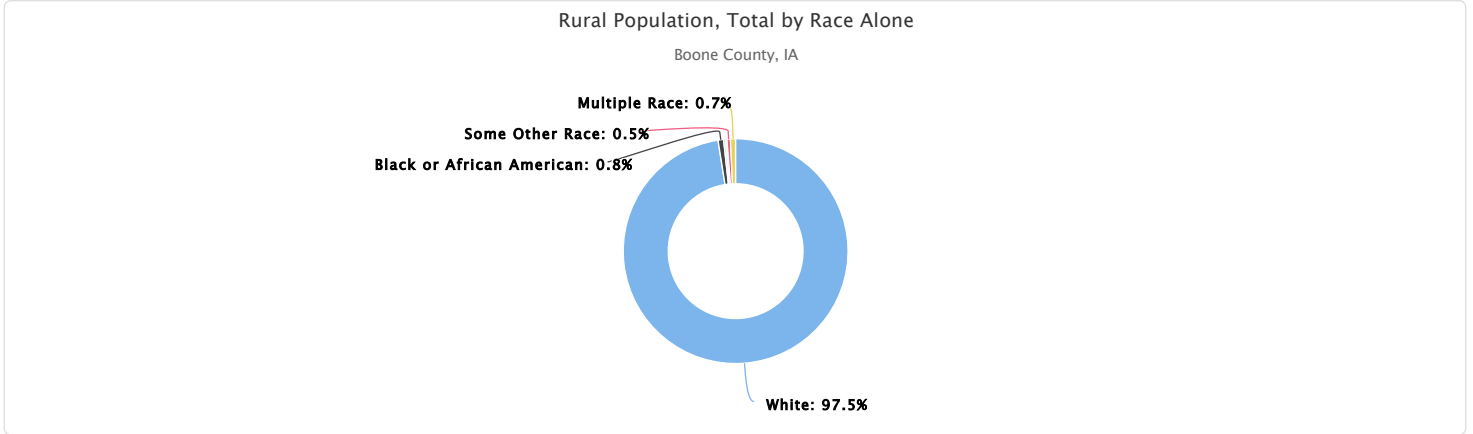
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	50.91%	51.46%	46.91%	26.14%	66.67%	43.14%	37.22%
Iowa	38.31%	5.74%	27.87%	8.16%	15.58%	14.65%	17.50%
United States	23.17%	8.97%	35.33%	2.72%	7.53%	6.41%	11.04%



Rural Population, Total by Race Alone

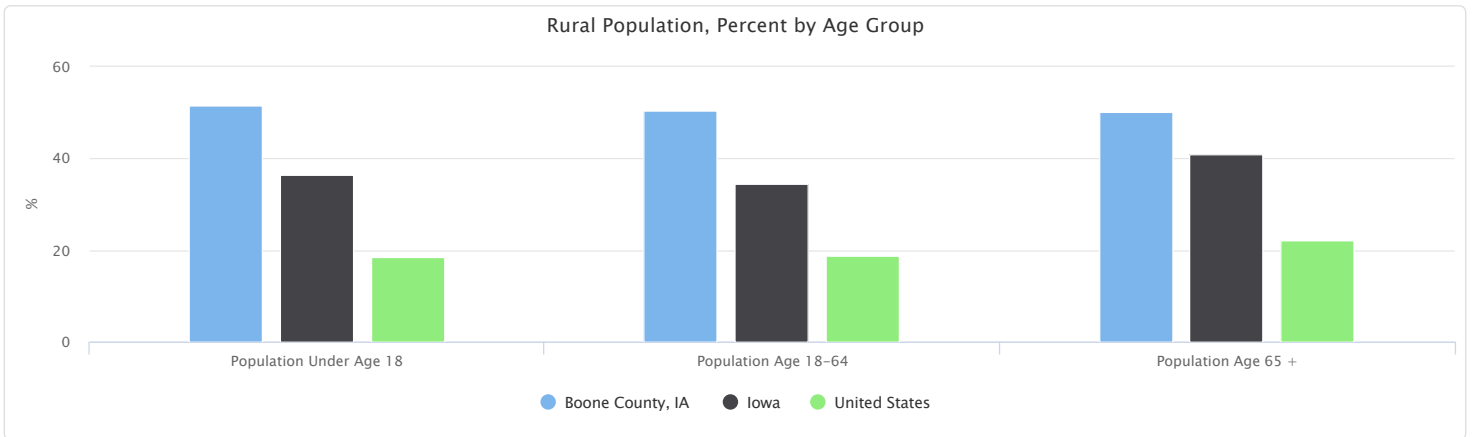
This indicator reports the total rural population of the report area by race alone.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	12,986	106	38	23	2	66	99
Iowa	1,065,697	5,115	3,089	4,331	312	8,224	9,331
United States	52,457,879	3,533,008	1,043,048	399,200	40,683	1,242,870	1,008,112



Rural Population, Percent by Age Group

Report Area	Population Under Age 18	Population Age 18-64	Population Age 65 +
Boone County, IA	51.68%	50.37%	50.07%
Iowa	36.54%	34.53%	41.07%
United States	18.52%	18.69%	22.26%

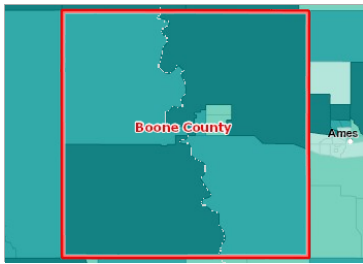


Median Age

Of the estimated 26,381 total population in the report area, the median age of all persons is 42.1. This indicates that the report population as a whole generally trends older than the state, which has a median age of 38.3. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates.

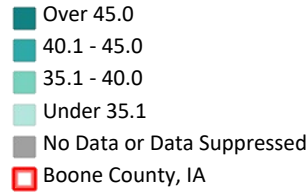
Report Area	Total Population	Median Age
Boone County, IA	26,381	42.1
Iowa	3,150,011	38.3
United States	326,569,308	38.2

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

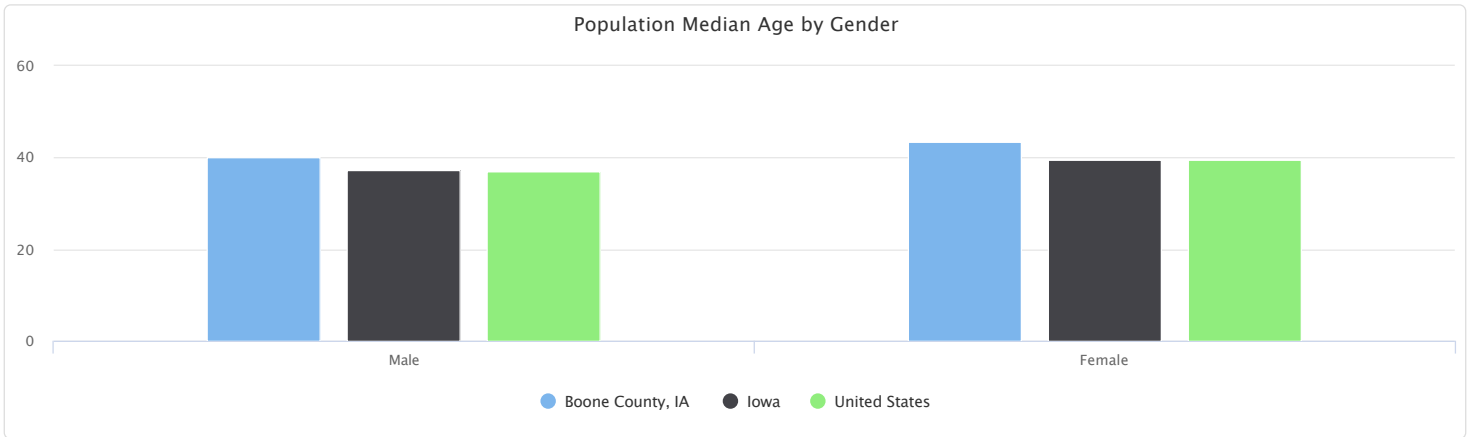
Median Age by Tract, ACS 2016-20



Population Median Age by Gender

This indicator reports the median age of the population by gender.

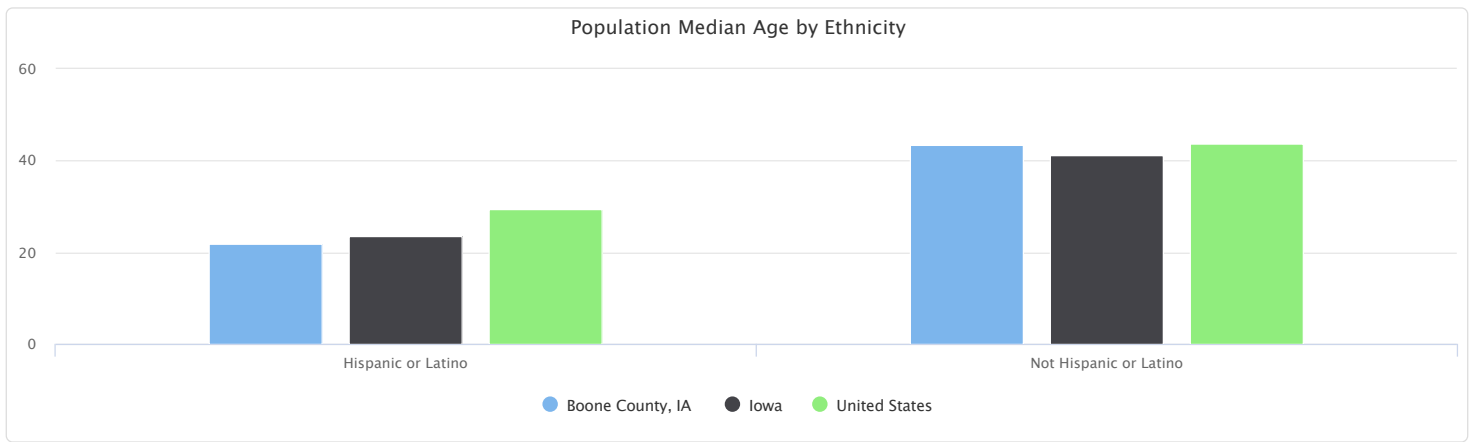
Report Area	Male	Female
Boone County, IA	40.1	43.5
Iowa	37.2	39.4
United States	37.0	39.6



Population Median Age by Ethnicity

This indicator reports the median age of the population by ethnicity.

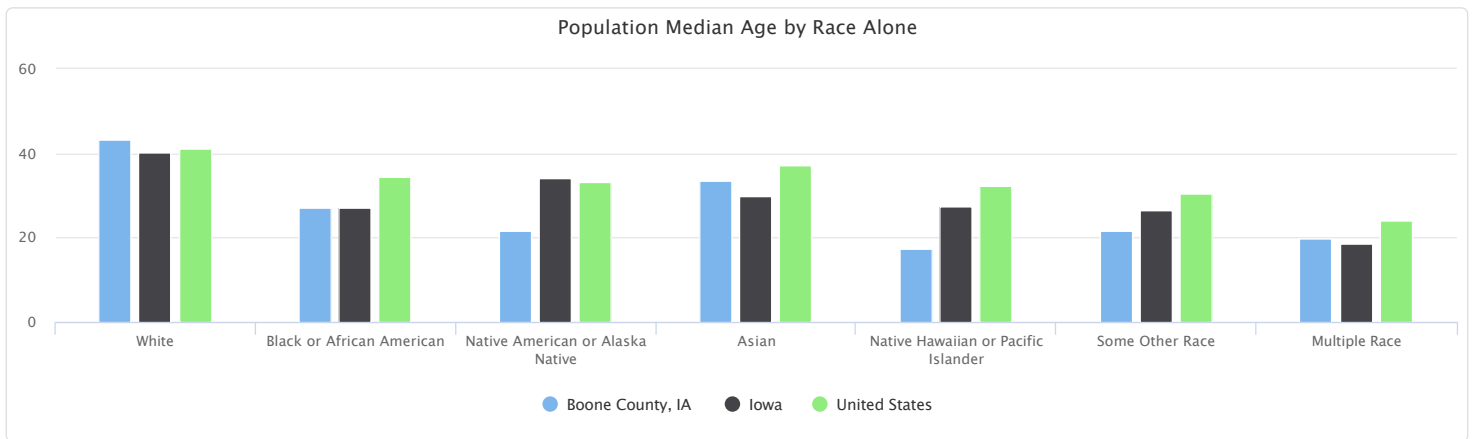
Report Area	Hispanic or Latino	Not Hispanic or Latino
Boone County, IA	21.9	43.5
Iowa	23.5	41.3
United States	29.5	43.7



Population Median Age by Race Alone

This indicator reports the median age of the population by race alone.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	43.4	27.2	21.7	33.6	17.4	21.7	19.9
Iowa	40.3	27.0	34.0	30.0	27.4	26.4	18.6
United States	41.1	34.3	33.3	37.2	32.4	30.6	24.1



Population Under Age 18

Of the estimated 26,381 total population in the report area, an estimated 5,665 persons are under the age of 18, representing 21.47% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of persons under age 18 is relevant because this population has unique needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 0-17	Population Age 0-17, Percent
Boone County, IA	26,381	5,665	21.47%
Iowa	3,150,011	728,487	23.13%
United States	326,569,308	73,296,738	22.44%

Data Source: US Census Bureau, [American Community Survey](#), 2016-20. Source geography: Tract



Population Age 0-17, Percent by Tract, ACS 2016-20

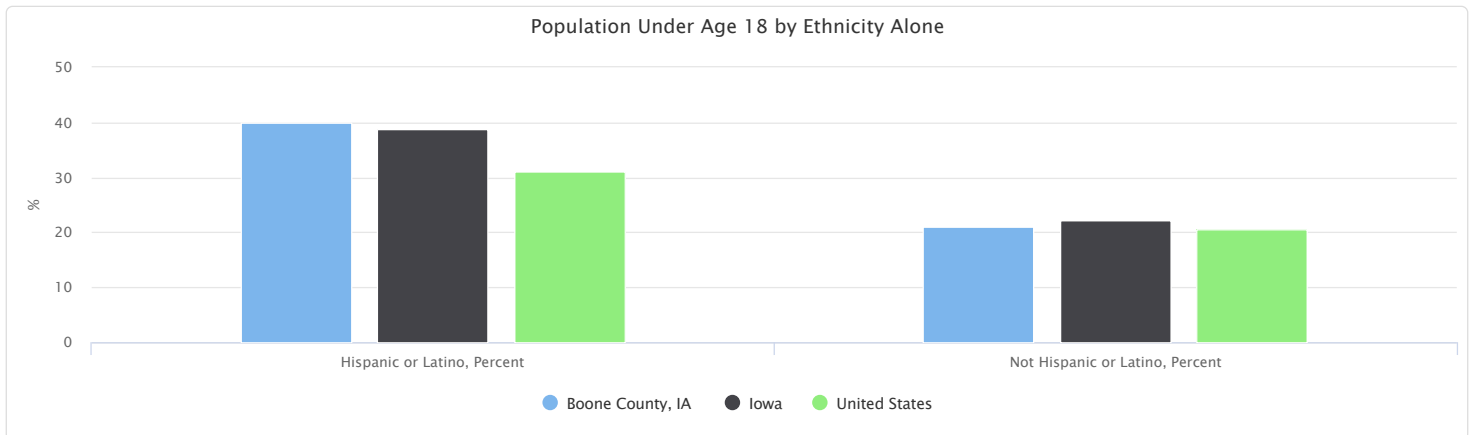
- Over 26.0%
- 23.1 - 26.0%
- 20.1 - 23.0%
- Under 20.1%
- No Data or Data Suppressed
- Boone County, IA

[View larger map](#)

Population Under Age 18 by Ethnicity Alone

This indicator reports the percentage of population who are under age 18 by ethnicity alone during 2015-2020, according to the American Community Survey (ACS). Within the report area, there were 288 Hispanics under age 18, representing 40.06% of the total Hispanic population. There were 5,377 Non-Hispanics under age 18 in the report area, representing 20.95% of the total Non-Hispanic population. Data for this indicator is only reported for individuals where age, race, and ethnicity were identified in the American Community Survey.

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Boone County, IA	288	5,377	40.06%	20.95%
Iowa	75,487	653,000	38.83%	22.09%
United States	18,470,395	54,826,343	31.12%	20.52%



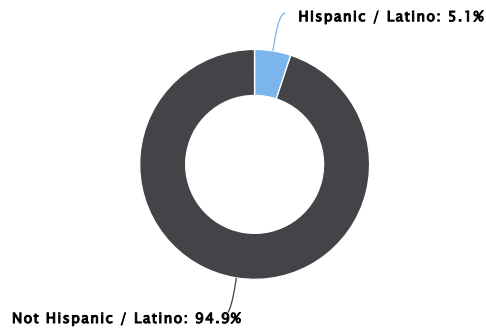
Population Under Age 18 by Ethnicity Alone

This indicator reports the percentage of population who are under age 18 by ethnicity alone during 2015-2020, according to the American Community Survey (ACS). Within the report area, there were 288 Hispanics under age 18, representing 5.08% of the total population under age 18. There were 5,377 Non-Hispanics under age 18 in the report area, representing 94.92% of the total population under age 18. Data for this indicator is only reported for individuals where age, race, and ethnicity were identified in the American Community Survey.

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Boone County, IA	288	5,377	5.08%	94.92%
Iowa	75,487	653,000	10.36%	89.64%
United States	18,470,395	54,826,343	25.20%	74.80%

Population Under Age 18 by Ethnicity Alone

Boone County, IA



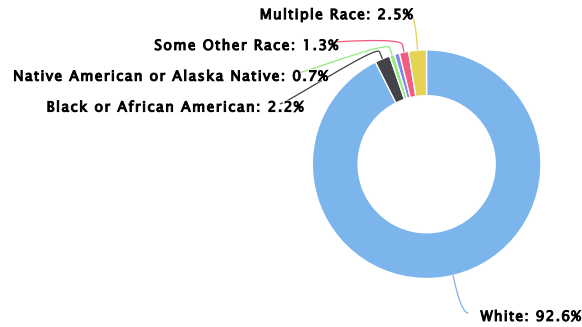
Population Under Age 18 by Race Alone, Total

This indicator reports the proportion of each race (alone) making up the population under age 18.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	5,246	122	41	0	39	74	143
Iowa	608,903	38,235	2,763	18,488	1,431	13,179	45,488
United States	47,025,753	10,189,123	709,354	3,701,834	154,630	4,808,428	6,707,616

Population Under Age 18 by Race Alone, Total

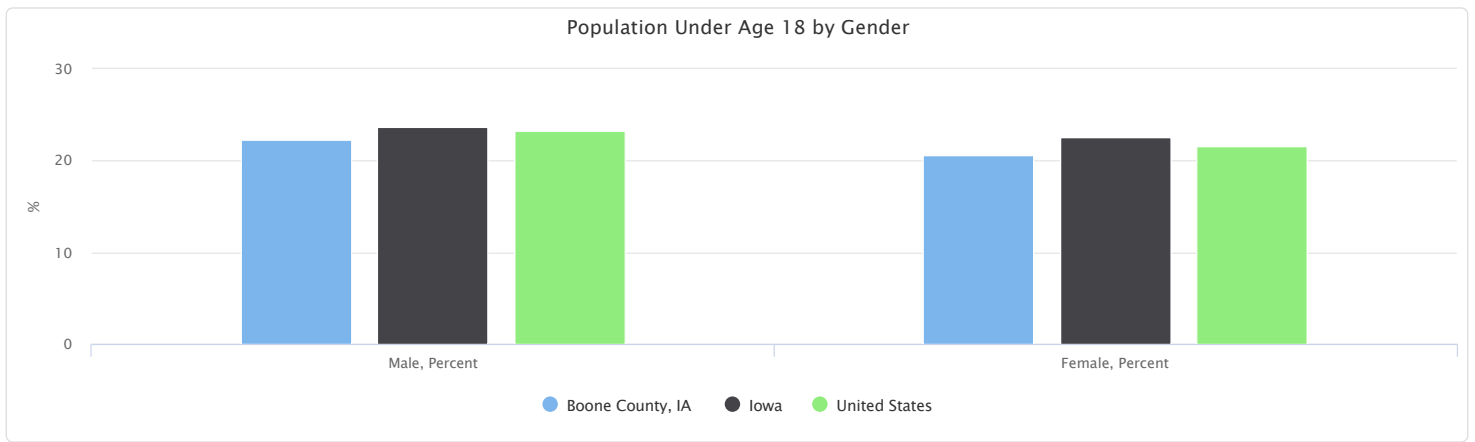
Boone County, IA



Population Under Age 18 by Gender

This indicator reports the percentage of population that is under age 18 by gender.

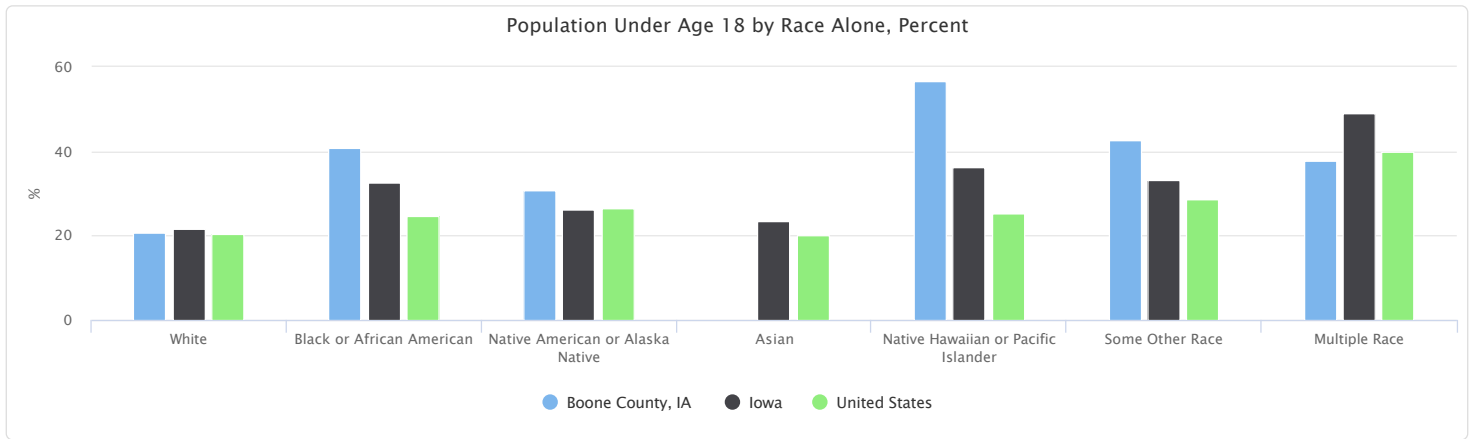
Report Area	Male	Female	Male, Percent	Female, Percent
Boone County, IA	2,950	2,715	22.34%	20.61%
Iowa	371,372	357,115	23.74%	22.52%
United States	37,456,754	35,839,984	23.29%	21.62%



Population Under Age 18 by Race Alone, Percent

This indicator reports the percentage of population that is under age 18 by race alone.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	20.77%	40.80%	30.83%	No data	56.52%	42.53%	37.73%
Iowa	21.70%	32.67%	26.22%	23.32%	36.31%	33.11%	48.92%
United States	20.45%	24.71%	26.38%	20.10%	25.29%	28.65%	39.75%



Population Age 18-64

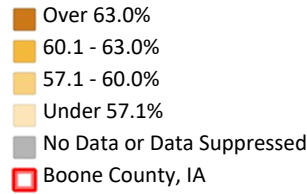
Of the estimated 26,381 total population in the report area, an estimated 15,935 persons are between the ages of 18 and 64, representing 60.40% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of adults in the report area is relevant because this population has unique needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 18-64	Population Age 18-64, Percent
Boone County, IA	26,381	15,935	60.40%
Iowa	3,150,011	1,884,123	59.81%
United States	326,569,308	200,909,753	61.52%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



Population Age 18-64, Percent by Tract, ACS 2016-20



[View larger map](#)

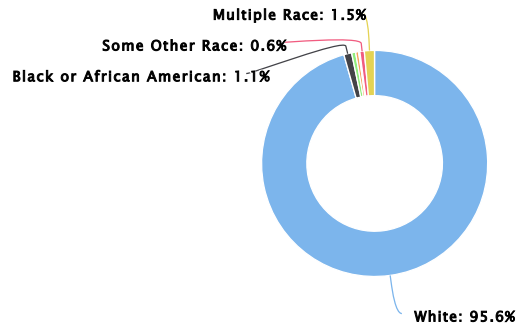
Population Age 18-64 by Race Alone, Total

This indicator reports the proportion of each race (alone) making up the population aged 18 to 64.

Report Area	White Age 18-64	Black or African American Age 18-64	Native American or Alaska Native Age 18-64	Asian Age 18-64	Native Hawaiian or Pacific Islander Age 18-64	Some Other Race Age 18-64	Multiple Race Age 18-64
Boone County, IA	15,236	177	92	68	30	100	232
Iowa	1,676,475	72,329	6,863	56,245	2,239	25,134	44,838
United States	140,360,417	26,250,007	1,682,588	12,365,539	398,188	10,675,546	9,177,468

Population Age 18-64 by Race Alone, Total

Boone County, IA



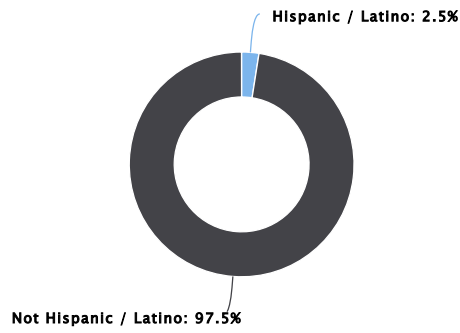
Population Age 18-64 by Ethnicity Alone

This indicator reports the percentage of population that are between the ages of 18 – 64 by ethnicity alone. In the report area, 2.49% of Hispanic / Latino population and 97.51% of non Hispanic / Latino population are between the ages of 18 – 64.

Report Area	Hispanic or Latino Age 18+	Not Hispanic or Latino Age 18+	Hispanic or Latino Age 18+, Percent	Not Hispanic or Latino Age 18+, Percent
Boone County, IA	396	15,539	2.49%	97.51%
Iowa	111,957	1,772,166	5.94%	94.06%
United States	36,510,885	164,398,868	18.17%	81.83%

Population Age 18–64 by Ethnicity Alone

Boone County, IA

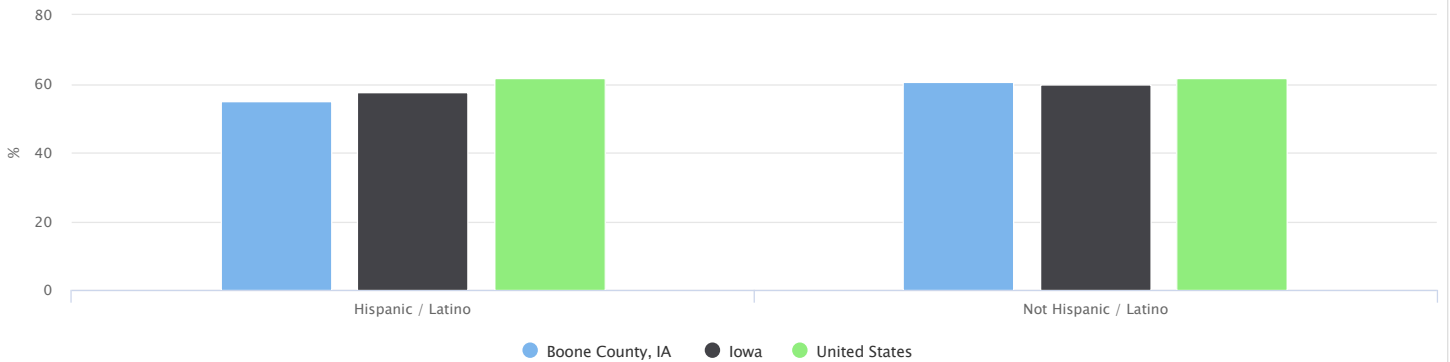


Population Age 18-64 by Ethnicity Alone

This indicator reports the percentage of population that are at age 18 to 64 by ethnicity alone. In the report area, 55.08% of Hispanic / Latino population are at age 18-64, and 60.55% of non Hispanic / Latino population are at age 18-64.

Report Area	Hispanic or Latino Age 18-64	Not Hispanic or Latino Age 18-64	Hispanic or Latino Age 18-64, Percent	Not Hispanic or Latino Age 18-64, Percent
Boone County, IA	396	15,539	55.08%	60.55%
Iowa	111,957	1,772,166	57.59%	59.96%
United States	36,510,885	164,398,868	61.51%	61.52%

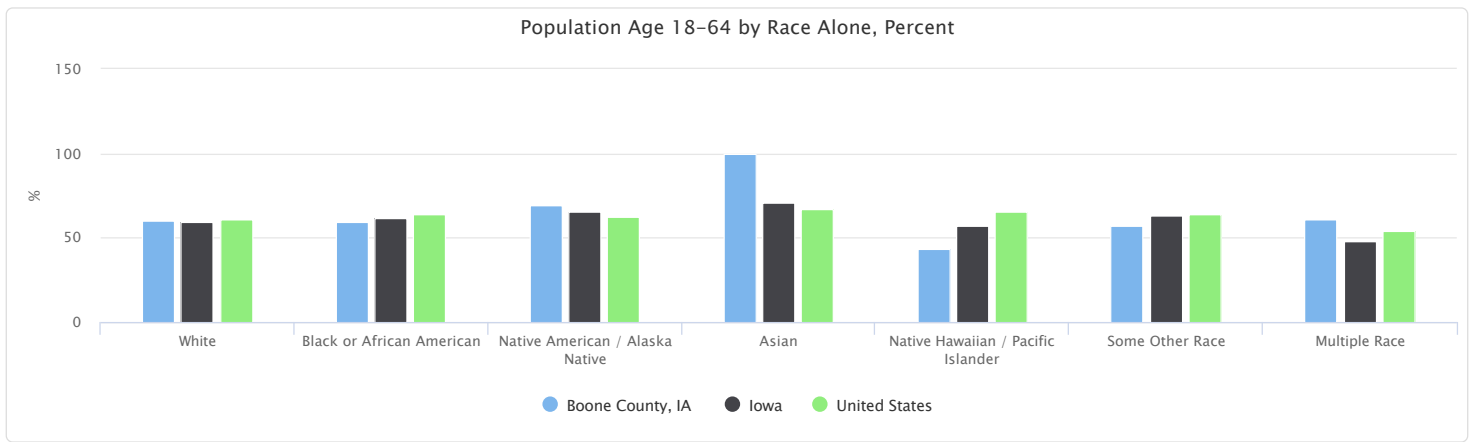
Population Age 18–64 by Ethnicity Alone



Population Age 18-64 by Race Alone, Percent

This indicator reports the percentage of population that are at age 18 to 64 by race alone.

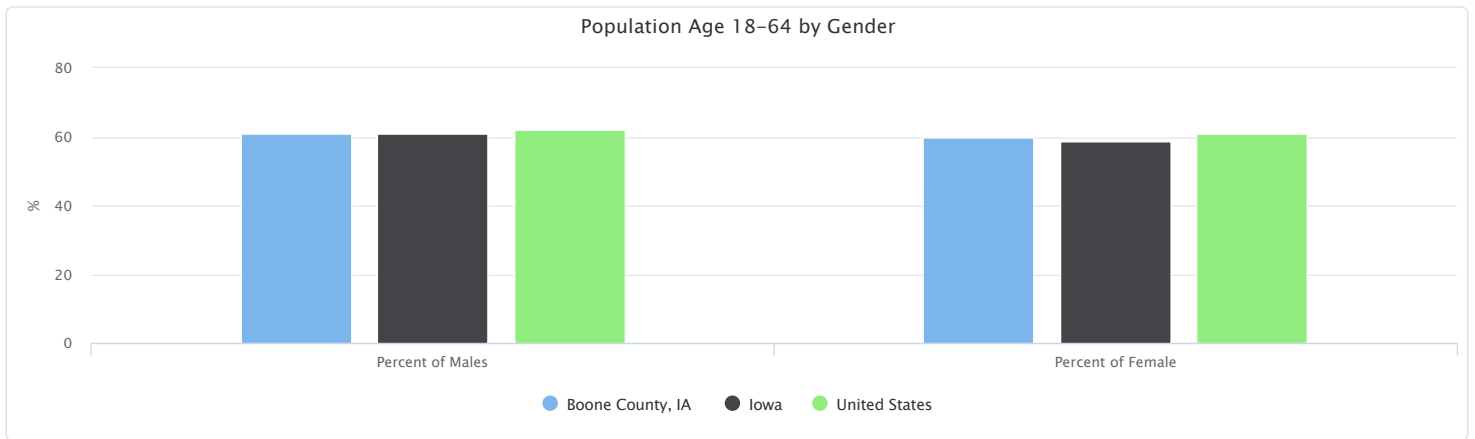
Report Area	White Age 18-64	Black or African American Age 18-64	Native American or Alaska Native Age 18-64	Asian Age 18-64	Native Hawaiian or Pacific Islander Age 18-64	Some Other Race Age 18-64	Multiple Race Age 18-64
Boone County, IA	60.32%	59.20%	69.17%	100.00%	43.48%	57.47%	61.21%
Iowa	59.74%	61.80%	65.13%	70.93%	56.81%	63.14%	48.22%
United States	61.04%	63.67%	62.58%	67.13%	65.13%	63.61%	54.38%



Population Age 18-64 by Gender

The table below reports the percentage of the population that is age 18 to 64 by gender. Among the male population in the report area, 61.04% are aged 18-64 years. Among the female population in the report area, 59.76% are aged 18-64 years.

Report Area	Male Age 18-64	Female Age 18-64	Male Age 18-64, Percent	Female Age 18-64, Percent
Boone County, IA	8,062	7,873	61.04%	59.76%
Iowa	952,691	931,432	60.90%	58.74%
United States	100,097,513	100,812,240	62.24%	60.82%

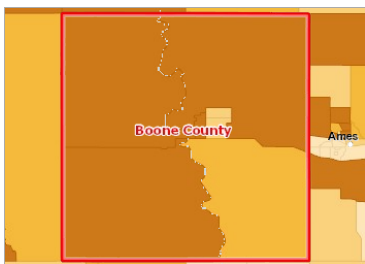


Population Age 65+

Of the estimated 26,381 total population in the report area, an estimated 4,781 persons are adults aged 65 and older, representing 18.12% of the population. These data are based on the latest U.S. Census Bureau American Community Survey 5-year estimates. The number of older adults in the report area is relevant because this population has unique needs which should be considered separately from other age groups.

Report Area	Total Population	Population Age 65+	Population Age 65+, Percent
Boone County, IA	26,381	4,781	18.12%
Iowa	3,150,011	537,401	17.06%
United States	326,569,308	52,362,817	16.03%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

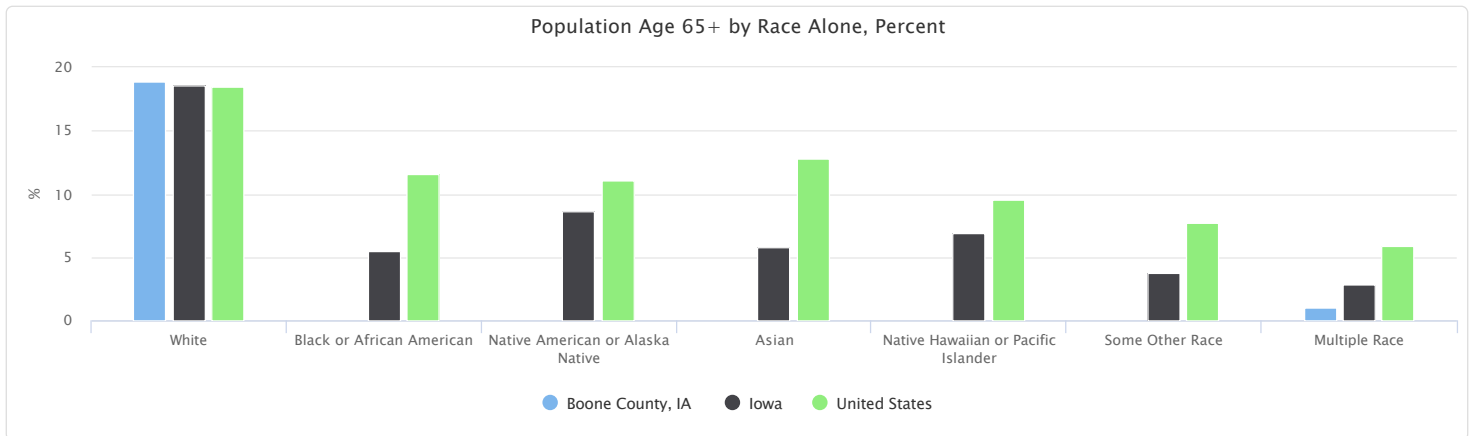
Population Age 65+, Percent by Tract, ACS 2016-20

- Over 20.0%
- 16.1 - 20.0%
- 12.1 - 16.0%
- Under 12.1%
- No Data or Data Suppressed
- Boone County, IA

Population Age 65+ by Race Alone, Percent

This indicator reports the percentage of each race (alone) making up the population aged 65 or older.

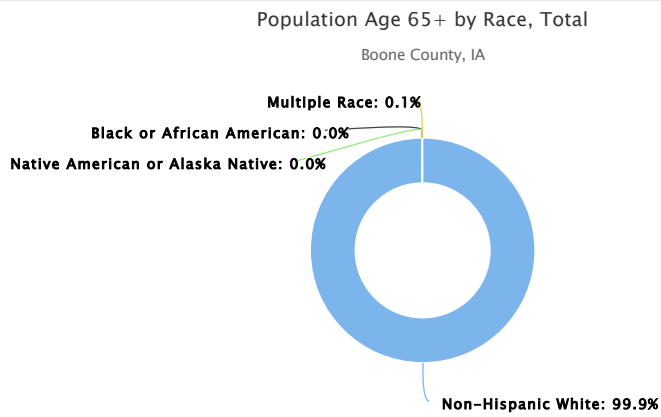
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	18.91%	0.00%	0.00%	0.00%	0.00%	0.00%	1.06%
Iowa	18.57%	5.53%	8.65%	5.75%	6.88%	3.75%	2.85%
United States	18.51%	11.61%	11.03%	12.78%	9.58%	7.75%	5.87%



Population Age 65+ by Race, Total

This indicator reports the proportion of each race (alone) making up the population aged 65 or older.

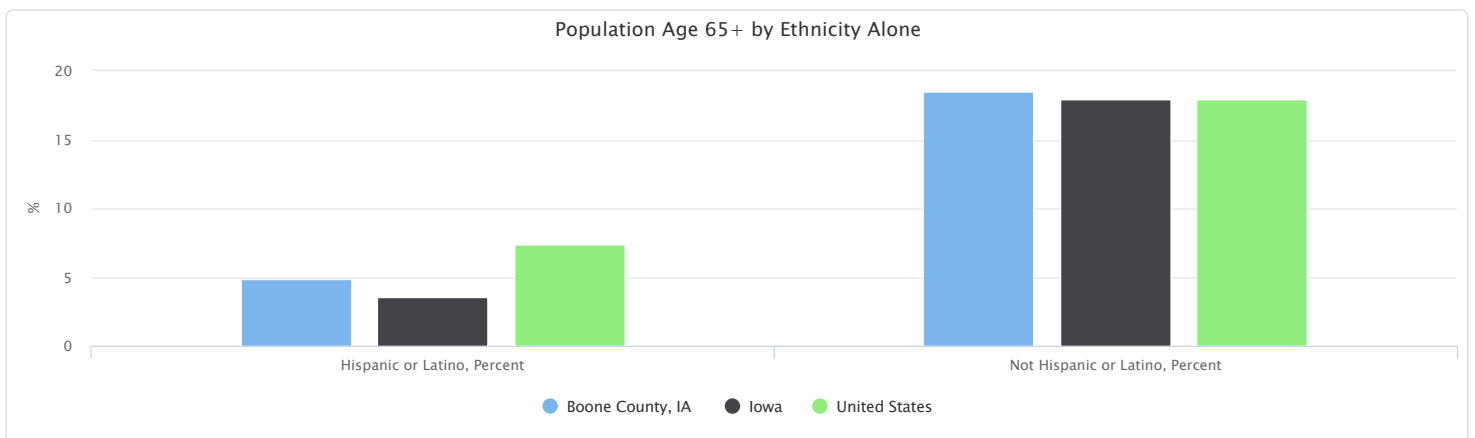
Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	4,777	0	0	0	0	0	4
Iowa	521,040	6,471	912	4,563	271	1,491	2,653
United States	42,574,643	4,788,254	296,672	2,354,264	58,586	1,299,940	990,458



Population Age 65+ by Ethnicity Alone

This indicator reports the percentage of population that are at age 65+ by ethnicity alone. In the report area, 4.87% of Hispanic / Latino population are at age 65+, and 18.49% of non Hispanic / Latino population are at age 65+.

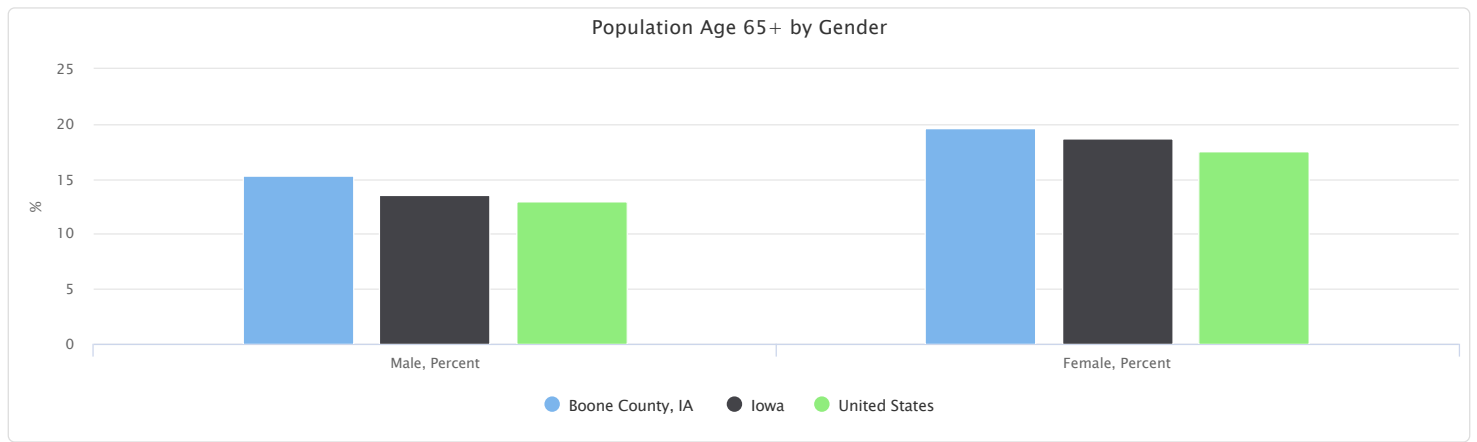
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Boone County, IA	35	4,746	4.87%	18.49%
Iowa	6,963	530,438	3.58%	17.95%
United States	4,379,740	47,983,077	7.38%	17.96%



Population Age 65+ by Gender

The table below reports the percentage of the population that is age 65 or older by gender. Among the male population in the report area, 15.27% are aged 65 years or older. Among the female population, 19.63% are aged 65 years or older.

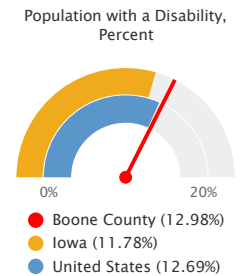
Report Area	Male	Female	Male, Percent	Female, Percent
Boone County, IA	2,017	2,586	15.27%	19.63%
Iowa	212,671	297,028	13.59%	18.73%
United States	20,905,372	29,098,554	13.00%	17.56%



Population with Any Disability

This indicator reports the percentage of the total civilian non-institutionalized population with a disability. The report area has a total population of 25,998 for whom disability status has been determined, of which 3,374 or 12.98% have any disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

Report Area	Total Population (For Whom Disability Status Is Determined)	Population with a Disability	Population with a Disability, Percent
Boone County, IA	25,998	3,374	12.98%
Iowa	3,106,492	365,878	11.78%
United States	321,525,041	40,786,461	12.69%

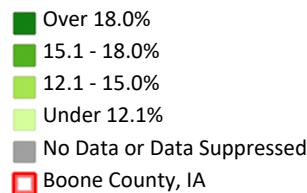


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Disabled Population, Percent by Tract, ACS 2016-20



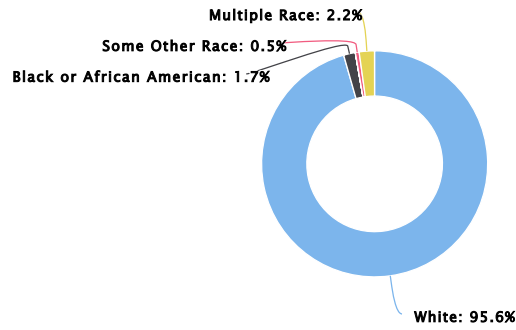
Population with Any Disability by Race Alone, Total

This indicator reports the proportion of the total civilian non-institutionalized population with a disability by race alone.

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	3,225	57	0	0	0	18	74
Iowa	335,625	11,292	1,705	4,533	387	3,066	9,270
United States	30,123,435	5,589,694	443,753	1,323,361	67,357	1,508,956	1,729,905

Population with Any Disability by Race Alone, Total

Boone County, IA

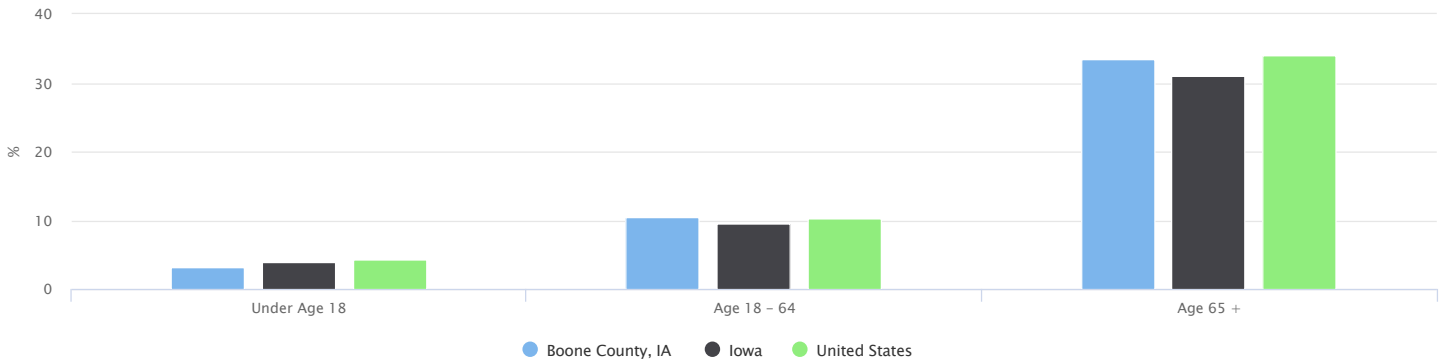


Population with Any Disability by Age Group, Percent

This indicator reports the percentage of the total civilian non-institutionalized population with a disability by age group.

Report Area	Under Age 18	Age 18 - 64	Age 65 +
Boone County, IA	3.26%	10.49%	33.45%
Iowa	3.99%	9.51%	30.98%
United States	4.33%	10.25%	34.05%

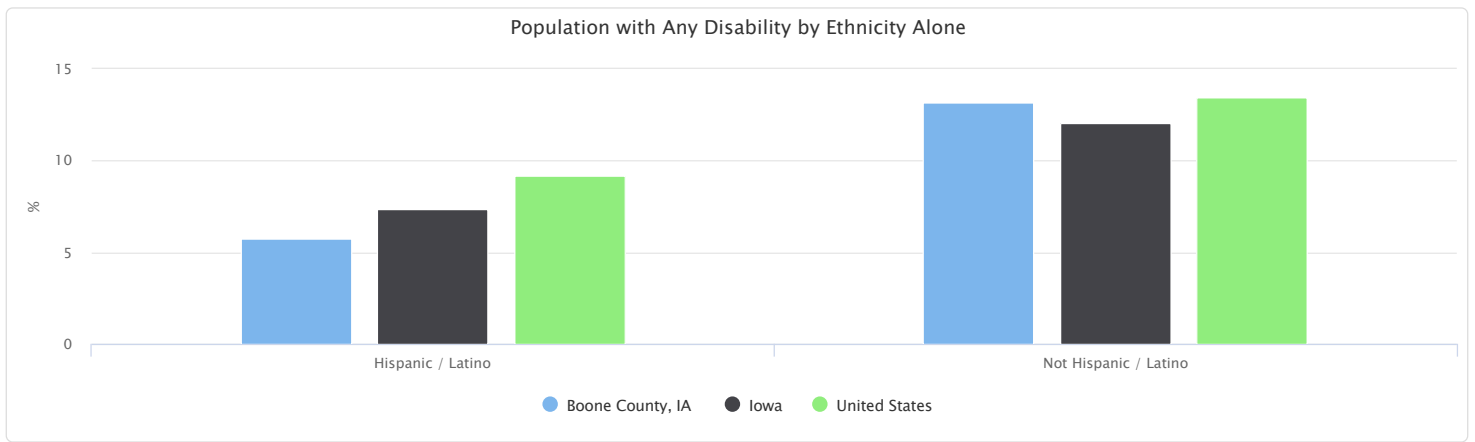
Population with Any Disability by Age Group, Percent



Population with Any Disability by Ethnicity Alone

This indicator reports the percentage of the total civilian non-institutionalized population with a disability by ethnicity alone.

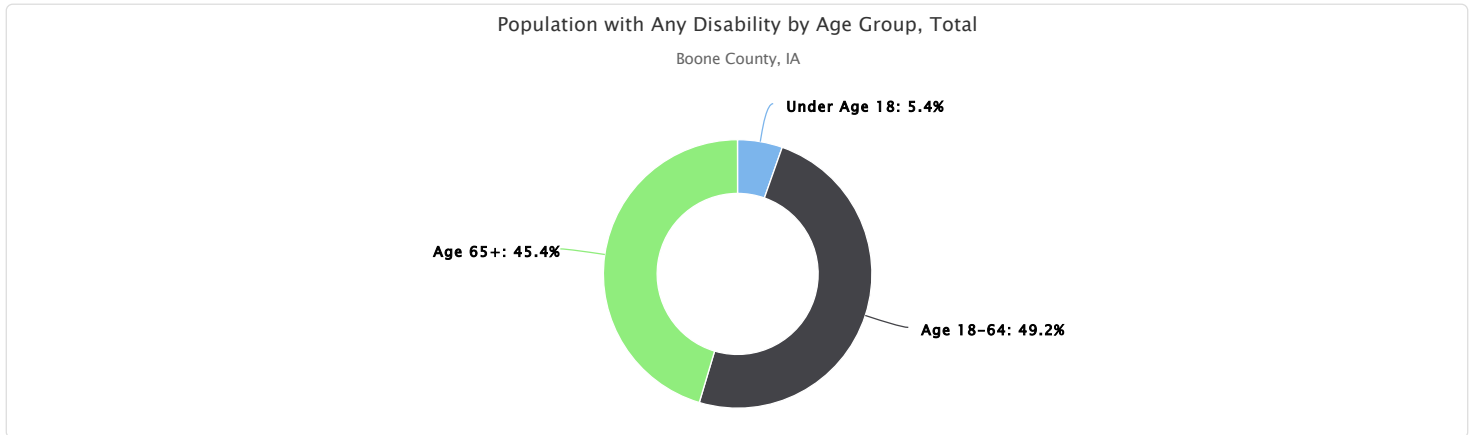
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Boone County, IA	41	3,333	5.78%	13.18%
Iowa	14,150	351,728	7.34%	12.07%
United States	5,396,728	35,389,733	9.21%	13.46%



Population with Any Disability by Age Group, Total

This indicator reports the proportion of the total civilian non-institutionalized population with a disability by age group.

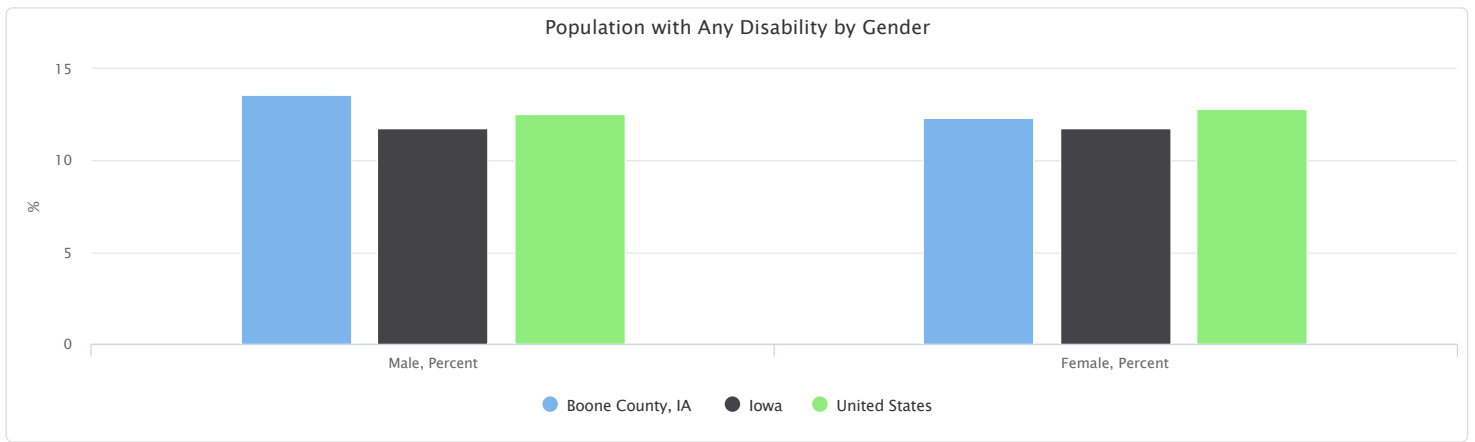
Report Area	Under Age 18	Age 18-64	Age 65+
Boone County, IA	182	1,661	1,531
Iowa	29,010	177,351	159,517
United States	3,166,556	20,231,217	17,388,688



Population with Any Disability by Gender

This indicator reports the percentage of the total civilian non-institutionalized population with a disability by gender.

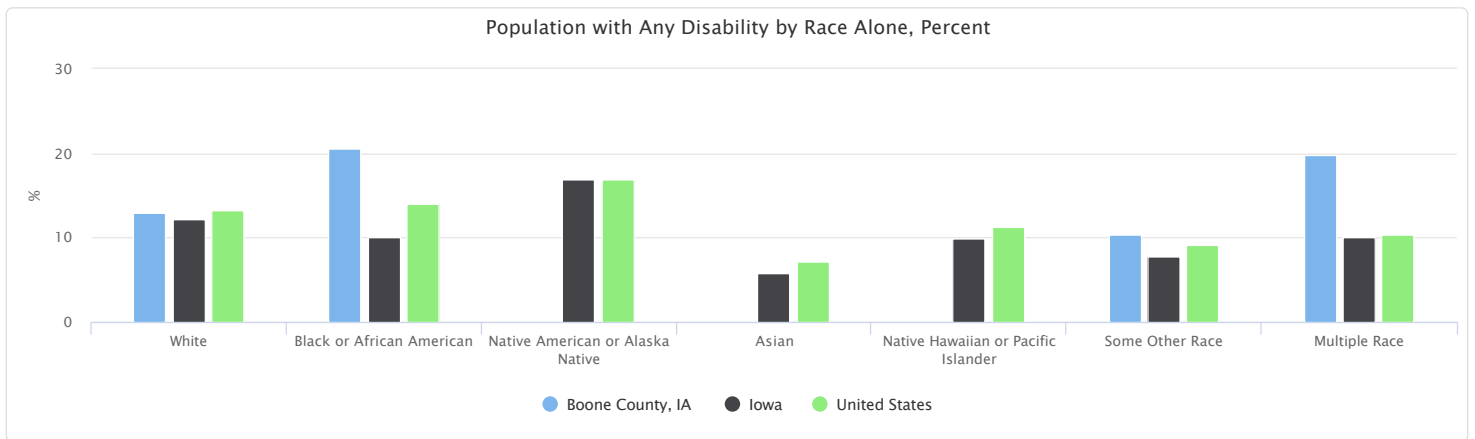
Report Area	Male	Female	Male, Percent	Female, Percent
Boone County, IA	1,770	1,604	13.62%	12.34%
Iowa	181,150	184,728	11.77%	11.79%
United States	19,719,672	21,066,789	12.55%	12.82%



Population with Any Disability by Race Alone, Percent

This indicator reports the percentage of the total civilian non-institutionalized population with a disability by race alone.

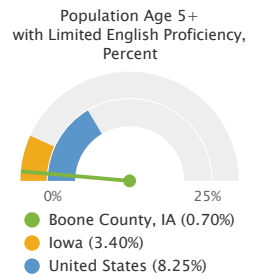
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	12.95%	20.50%	0.00%	0.00%	0.00%	10.34%	19.84%
Iowa	12.12%	10.02%	16.83%	5.74%	9.86%	7.74%	10.06%
United States	13.28%	13.98%	16.92%	7.22%	11.28%	9.10%	10.39%



Population with Limited English Proficiency

This indicator reports the percentage of the population aged 5 and older who speak a language other than English at home and speak English less than "very well". This indicator is relevant because an inability to speak English well creates barriers to healthcare access, provider communications, and health literacy/education. Of the 24,927 total population aged 5 and older in the report area, 174 or 0.70% have limited English proficiency.

Report Area	Population Age 5+	Population Age 5+ with Limited English Proficiency	Population Age 5+ with Limited English Proficiency, Percent
Boone County, IA	24,927	174	0.70%
Iowa	2,954,549	100,442	3.40%
United States	306,919,116	25,312,024	8.25%

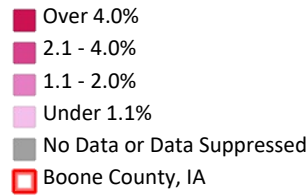


Note: This indicator is compared to the state average.
 Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Population with Limited English Proficiency, Percent by Tract, ACS 2016-20



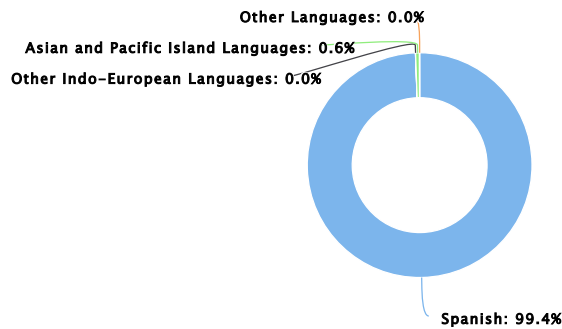
Population with Limited English Proficiency by Language Spoken at Home

This indicator reports the total population aged 5 and older who speak a language other than English at home and speak English less than "very well" by language spoken at home in the report area.

Report Area	Spanish	Other Indo-European Languages	Asian and Pacific Island Languages	Other Languages
Boone County, IA	173	0	1	0
Iowa	48,861	17,103	24,842	9,636
United States	15,949,582	3,422,525	4,886,876	1,053,041

Population with Limited English Proficiency by Language Spoken at Home

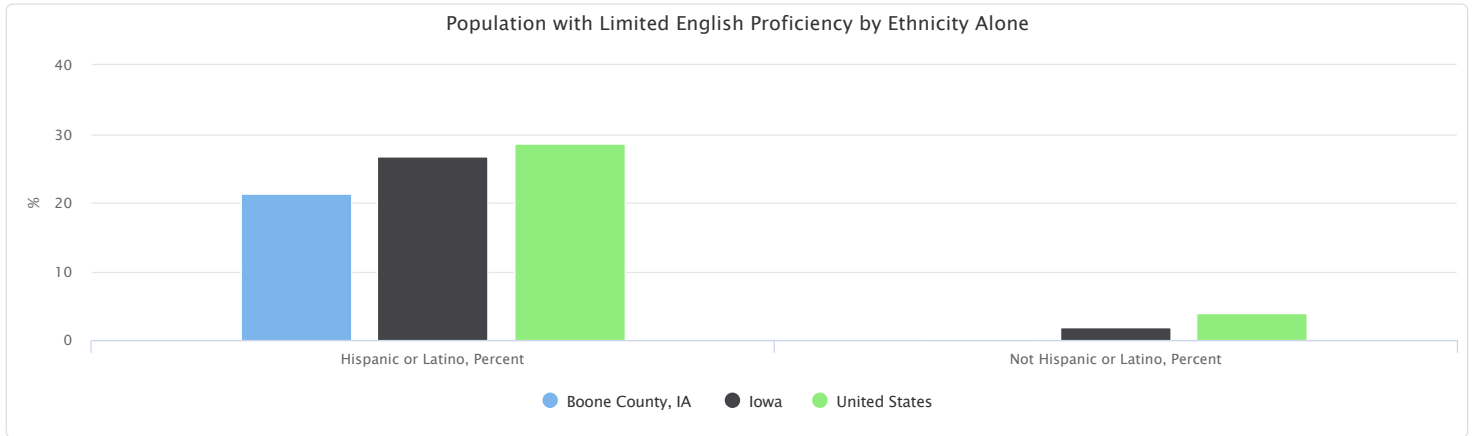
Boone County, IA



Population with Limited English Proficiency by Ethnicity Alone

This indicator reports the total population aged 5 and older who speak a language other than English at home and speak English less than "very well" by ethnicity alone in the report area.

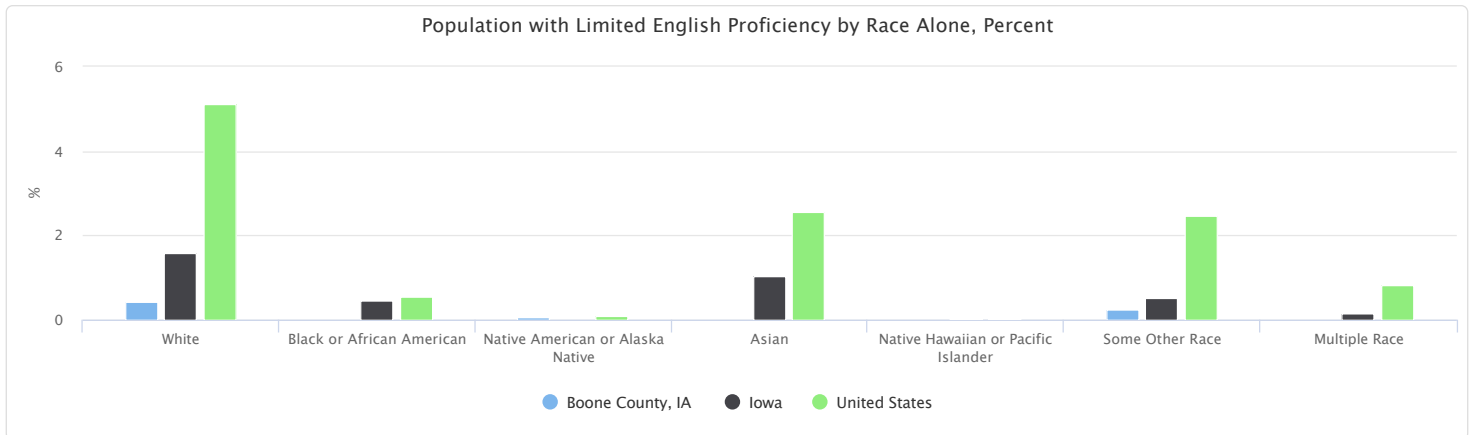
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Boone County, IA	141	33	21.30%	0.14%
Iowa	46,198	54,244	26.68%	1.95%
United States	15,590,137	9,721,887	28.69%	3.85%



Population with Limited English Proficiency by Race Alone, Percent

This indicator reports the percentage of the population aged 5 and older who speak a language other than English at home and speak English less than "very well" by race alone in the report area.

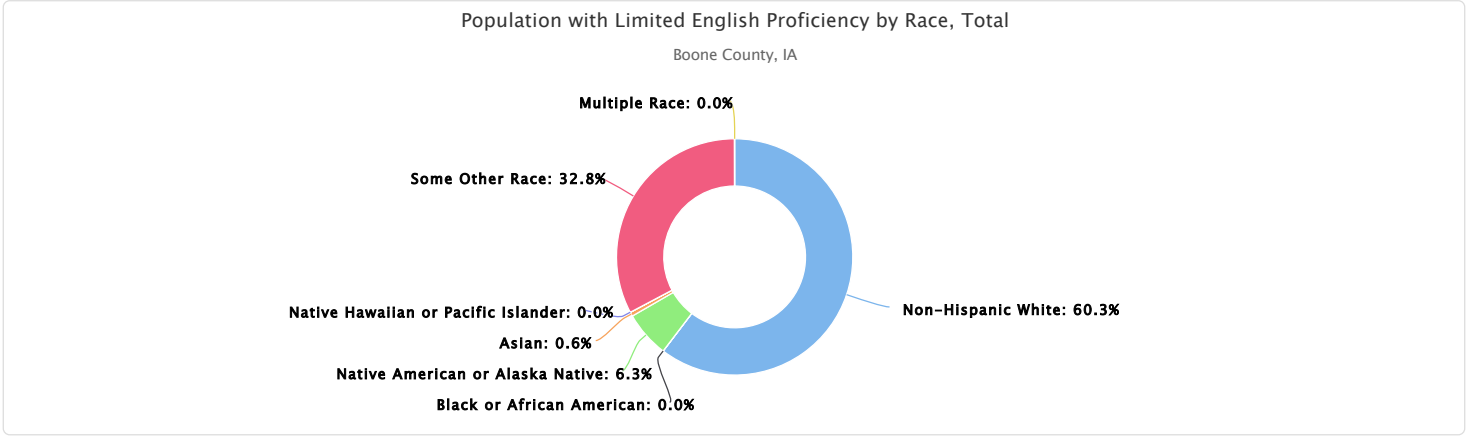
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	0.44%	0.00%	0.05%	0.00%	0.00%	0.24%	0.00%
Iowa	1.58%	0.46%	0.01%	1.03%	0.04%	0.51%	0.16%
United States	5.12%	0.55%	0.09%	2.55%	0.03%	2.48%	0.82%



Population with Limited English Proficiency by Race, Total

This indicator reports the total population aged 5 and older who speak a language other than English at home and speak English less than "very well" by race alone in the report area.

Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	105	0	11	1	0	57	0
Iowa	41,927	12,218	282	27,179	1,011	13,626	4,199
United States	11,134,122	1,196,004	202,081	5,545,968	71,524	5,388,974	1,773,351

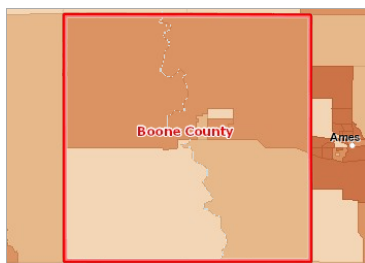


Foreign-Born Population

This indicator reports the percentage of the population that is foreign-born. The foreign-born population includes anyone who was not a U.S. citizen or a U.S. national at birth. This includes any non-citizens, as well as persons born outside of the U.S. who have become naturalized citizens. The native U.S. population includes any person born in the United States, Puerto Rico, a U.S. Island Area (such as Guam), or abroad of American (U.S. citizen) parent or parents. The latest figures from the U.S. Census Bureau show that 458 persons in the report area are of foreign birth, which represents 1.74% of the report area population. This percentage is less than the national average of 13.51%.

Report Area	Total Population	Naturalized U.S. Citizens	Population Without U.S. Citizenship	Total Foreign-Birth Population	Foreign-Birth Population, Percent of Total Population
Boone County, IA	26,381	269	189	458	1.74%
Iowa	3,150,011	69,832	100,493	170,325	5.41%
United States	326,569,308	22,456,684	21,668,944	44,125,628	13.51%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Foreign-Born Population (Non-Citizen or Naturalized), Percent by Tract, ACS 2016-20

- Over 5.0%
- 2.1 - 5.0%
- 1.1 - 2.0%
- Under 1.1%
- No Data or Data Suppressed
- Boone County, IA

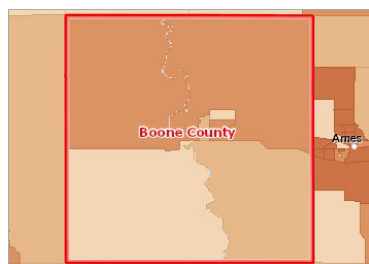
Citizenship Status

The table below shows the numbers and percent of population by citizenship status for the report area. According to the latest American Community Survey (ACS), the report area has a total of 189 non-Citizens, or 0.72% of the total population of

26,381 persons, in contrast to the state average of 3.19% of the population and the national average of 6.64% non-Citizens living in the United States.

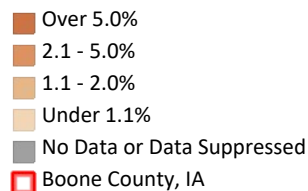
Report Area	Native	Born in a US Territory	Born Abroad to US Citizens	Naturalized	Non-Citizen	Non-Citizen, Percent
Boone County, IA	25,833	7	83	269	189	0.72%
Iowa	2,958,711	3,568	17,407	69,832	100,493	3.19%
United States	277,155,748	2,041,524	3,246,408	22,456,684	21,668,944	6.64%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: County



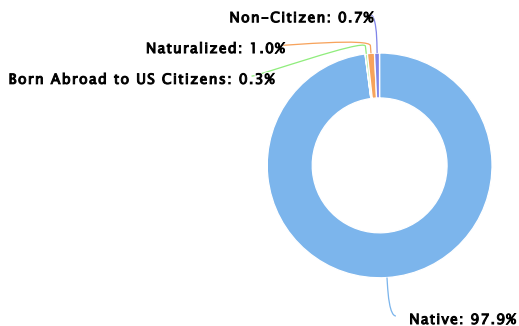
[View larger map](#)

Foreign-Born Population (Non-Citizen or Naturalized), Percent by Tract, ACS 2016-20



Citizenship Status

Boone County, IA



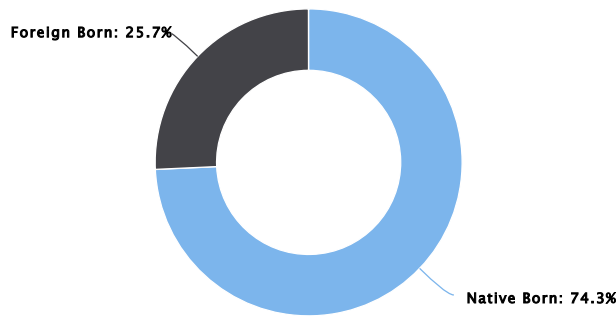
Hispanic or Latino Citizens

This indicator reports the citizenship status of the Hispanic or Latino population within the report area.

Report Area	Native Born	Native Born	Foreign Born	Foreign Born
Boone County, IA	534	74.27%	185	25.73%
Iowa	136,126	70.02%	58,281	29.98%
United States	39,886,947	67.19%	19,474,073	32.81%

Hispanic or Latino Citizens

Boone County, IA



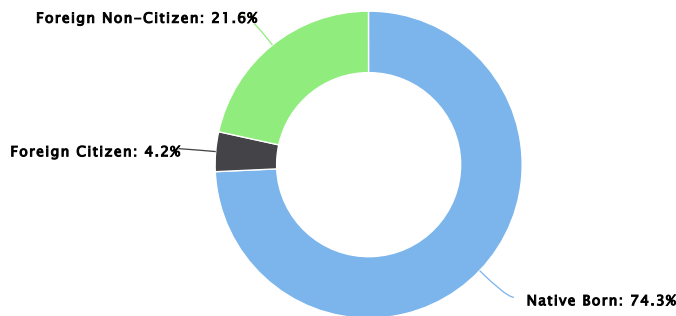
Hispanic or Latino Non-Citizens

This indicator reports the citizenship status of the Non-Hispanic or Latino population within the report area.

Report Area	Native Born	Native Born	Foreign Citizen	Foreign Citizen	Foreign Non-Citizen	Foreign Non-Citizen
Boone County, IA	534	74.27%	30	4.17%	155	21.56%
Iowa	136,126	70.02%	19,440	10.00%	38,841	19.98%
United States	39,886,947	67.19%	7,624,595	12.84%	11,849,478	19.96%

Hispanic or Latino Non-Citizens

Boone County, IA



Veteran Population

This indicator reports the percentage of the population age 18 and older that served (even for a short time), but is not currently serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or that served in the U.S. Merchant Marine during World War II. Of the 20,662 population of the report area, 1,459 or 7.06% are veterans.

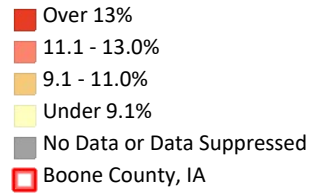
Report Area	Total Population Age 18+	Total Veterans	Veterans, Percent of Total Population
Boone County, IA	20,662	1,459	7.06%
Iowa	2,419,354	178,481	7.38%
United States	252,130,477	17,835,456	7.07%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Veterans, Percent of Total Population by Tract, ACS 2016-20



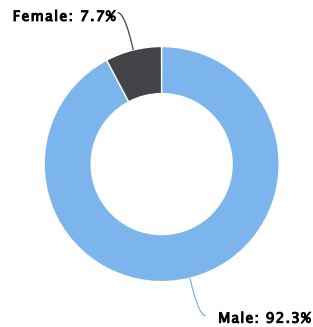
Veteran Population by Gender

This indicator reports the veteran population in the report area by gender.

Report Area	Male	Female	Male, Percent	Female, Percent
Boone County, IA	1,346	113	13.19%	1.08%
Iowa	166,225	12,256	13.96%	1.00%
United States	16,207,488	1,627,968	13.24%	1.25%

Veteran Population by Gender

Boone County, IA



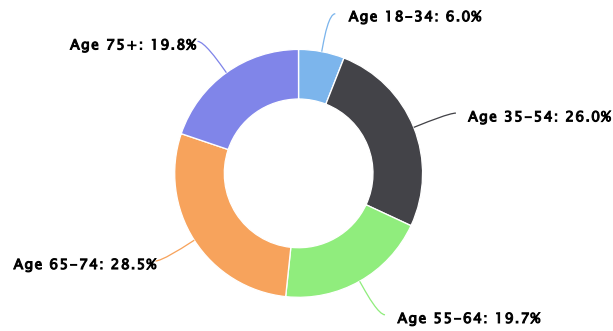
Veteran Population by Age Group, Total

This indicator reports the total veteran population in the report area by age group.

Report Area	Age 18-34	Age 35-54	Age 55-64	Age 65-74	Age 75+
Boone County, IA	87	379	288	416	289
Iowa	13,351	38,297	28,140	51,232	47,461
United States	1,568,922	4,174,725	3,176,620	4,651,690	4,263,499

Veteran Population by Age Group, Total

Boone County, IA

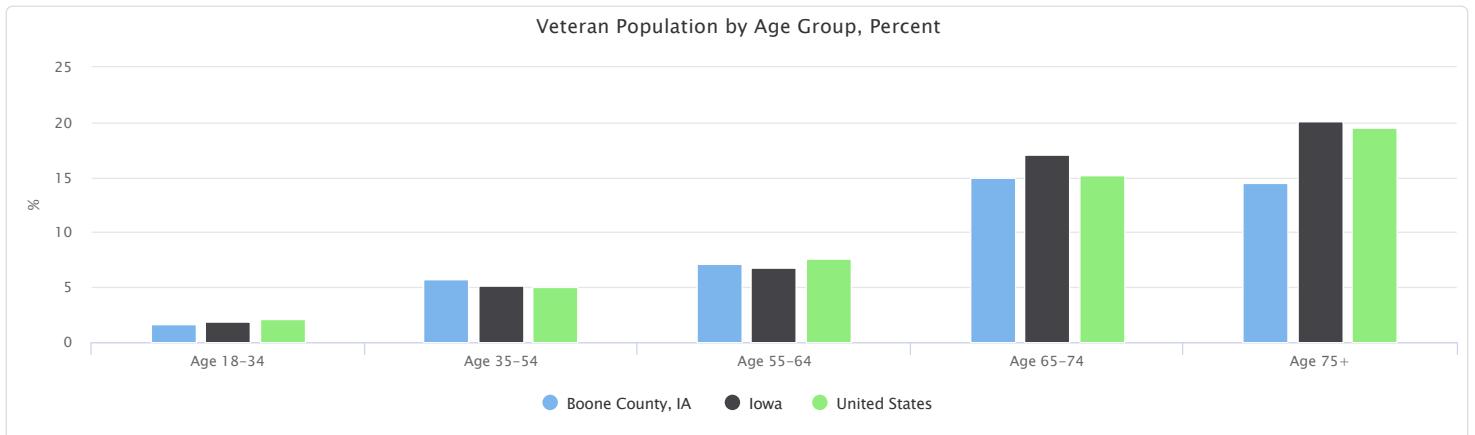


Veteran Population by Age Group, Percent

This indicator reports the percentage of veterans in the report area by age group.

Report Area	Age 18-34	Age 35-54	Age 55-64	Age 65-74	Age 75+
Boone County, IA	1.66%	5.74%	7.15%	14.91%	14.52%
Iowa	1.87%	5.09%	6.75%	17.04%	20.04%
United States	2.09%	5.05%	7.55%	15.23%	19.54%

Veteran Population by Age Group, Percent



Income and Economics

Economic and social insecurity often are associated with poor health. Poverty, unemployment, and lack of educational achievement affect access to care and a community’s ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to social and economic resources provides a foundation for a healthy community.

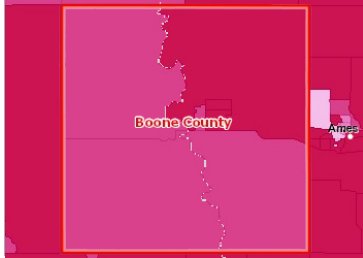
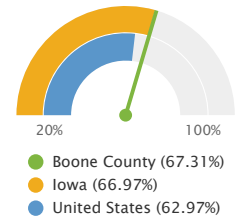
Employment - Labor Force Participation Rate

The table below displays the labor force participation rate for the report area. According to the 2016 – 2020 American Community Survey, of the 21,534 working age population, 14,494 are included in the labor force. The labor force participation rate is 67.31%.

Report Area	Total Population Age 16+	Labor Force	Labor Force Participation Rate
Boone County, IA	21,534	14,494	67.31%
Iowa	2,504,540	1,677,262	66.97%
United States	261,649,873	164,759,496	62.97%

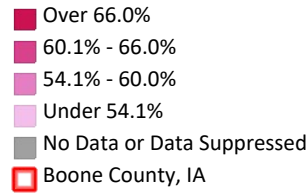
Note: This indicator is compared to the state average.
 Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: County

Labor Force Participation Rate



[View larger map](#)

Labor Force, Participation Rate by Tract, ACS 2016-20



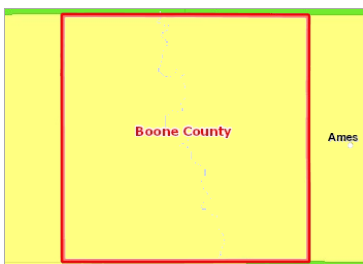
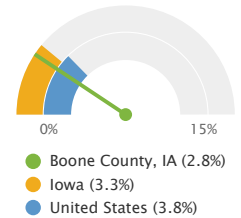
Employment - Unemployment Rate

Total unemployment in the report area for the current month equals 412, or 2.8% of the civilian non-institutionalized population age 16 and older (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access including insurance coverage, health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Boone County, IA	14,855	14,443	412	2.8%
Iowa	1,700,614	1,644,745	55,869	3.3%
United States	165,488,881	159,250,198	6,238,683	3.8%

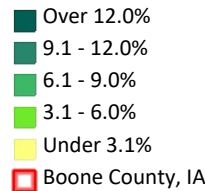
Note: This indicator is compared to the state average.
 Data Source: US Department of Labor, Bureau of Labor Statistics, 2022 - March. Source geography: County

Unemployment Rate



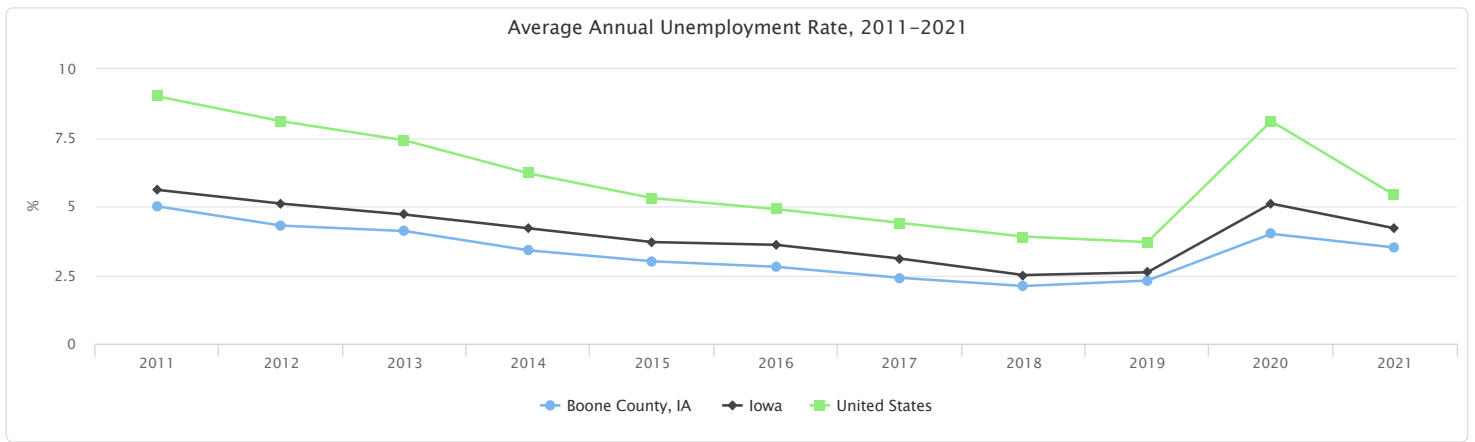
[View larger map](#)

Unemployment, Rate by County, BLS 2022 - March



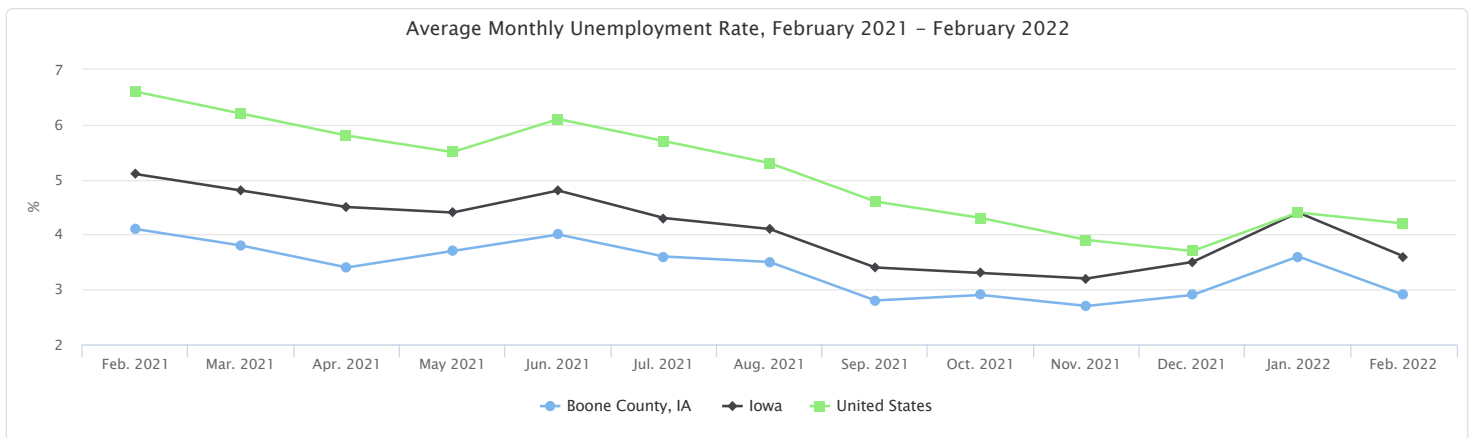
Average Annual Unemployment Rate, 2011-2021

Report Area	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Boone County, IA	5.0%	4.3%	4.1%	3.4%	3.0%	2.8%	2.4%	2.1%	2.3%	4.0%	3.5%
Iowa	5.6%	5.1%	4.7%	4.2%	3.7%	3.6%	3.1%	2.5%	2.6%	5.1%	4.2%
United States	9.0%	8.1%	7.4%	6.2%	5.3%	4.9%	4.4%	3.9%	3.7%	8.1%	5.4%



Average Monthly Unemployment Rate, February 2021 - February 2022

Report Area	Feb. 2021	Mar. 2021	Apr. 2021	May 2021	Jun. 2021	Jul. 2021	Aug. 2021	Sep. 2021	Oct. 2021	Nov. 2021	Dec. 2021	Jan. 2022	Feb. 2022
Boone County, IA	4.1%	3.8%	3.4%	3.7%	4.0%	3.6%	3.5%	2.8%	2.9%	2.7%	2.9%	3.6%	2.9%
Iowa	5.1%	4.8%	4.5%	4.4%	4.8%	4.3%	4.1%	3.4%	3.3%	3.2%	3.5%	4.4%	3.6%
United States	6.6%	6.2%	5.8%	5.5%	6.1%	5.7%	5.3%	4.6%	4.3%	3.9%	3.7%	4.4%	4.2%



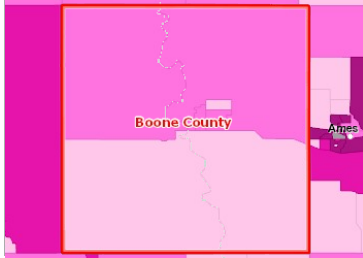
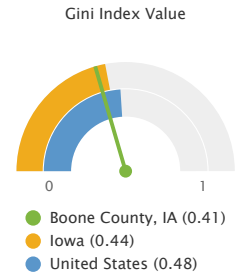
Income - Inequality (GINI Index)

This indicator reports income inequality using the Gini coefficient. Gini index values range between zero and one. A value of one indicates perfect inequality where only one house-hold has any income. A value of zero indicates perfect equality, where all households have equal income.

Index values are acquired from the 2016-20 American Community Survey and are not available for custom report areas or multi-county areas.

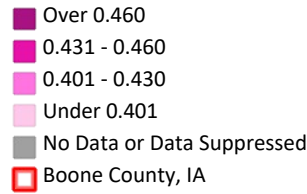
Report Area	Total Households	Gini Index Value
Boone County, IA	10,801	0.41
Iowa	1,273,941	0.44
United States	122,354,219	0.48

Note: This indicator is compared to the state average.
 Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Income Inequality (GINI), Index Value by Tract, ACS 2016-20

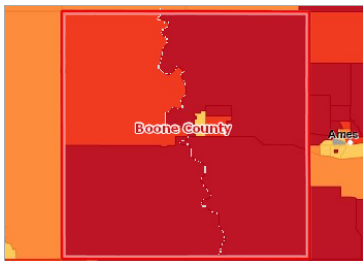
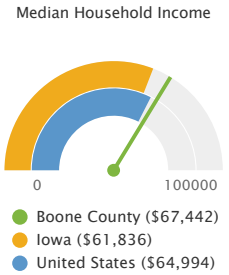


Income - Median Household Income

This indicator reports median household income based on the latest 5-year American Community Survey estimates. This includes the income of the householder and all other individuals 15 years old and over in the household, whether they are related to the householder or not. Because many households consist of only one person, average household income is usually less than average family income. There are 10,801 households in the report area, with an average income of \$81,792 and median income of \$67,442.

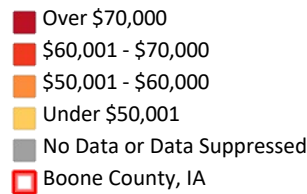
Report Area	Total Households	Average Household Income	Median Household Income
Boone County, IA	10,801	\$81,792	\$67,442
Iowa	1,273,941	\$80,316	\$61,836
United States	122,354,219	\$91,547	\$64,994

Note: This indicator is compared to the state average.
 Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

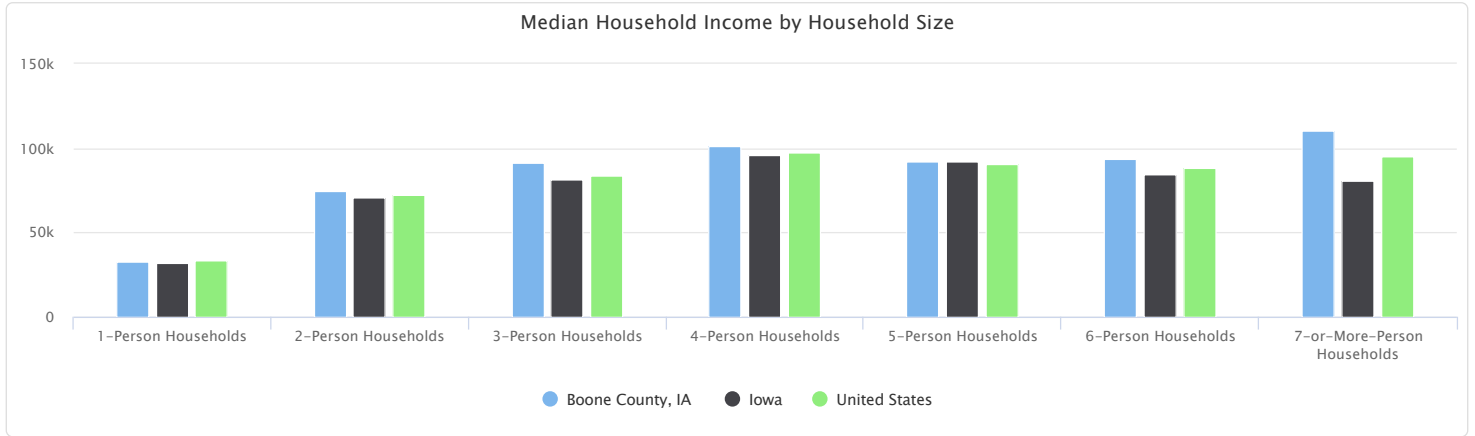
Median Household Income by Tract, ACS 2016-20



Median Household Income by Household Size

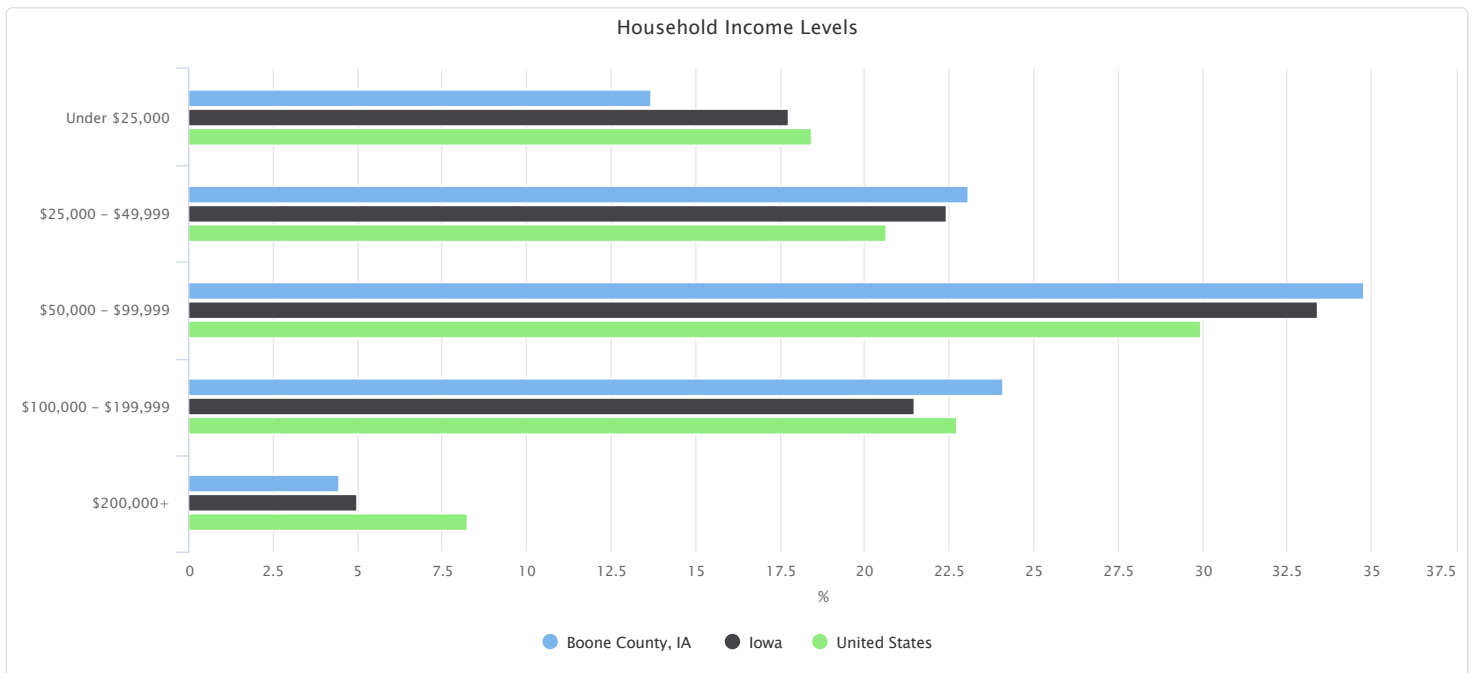
This indicator reports the median household income of the report area by household size.

Report Area	1-Person Households	2-Person Households	3-Person Households	4-Person Households	5-Person Households	6-Person Households	7-or-More-Person Households
Boone County, IA	\$32,844	\$74,641	\$91,250	\$101,375	\$92,500	\$93,611	\$110,653
Iowa	\$31,958	\$70,711	\$81,539	\$95,987	\$92,348	\$84,737	\$80,676
United States	\$33,265	\$72,238	\$84,033	\$97,660	\$90,979	\$88,413	\$94,924



Household Income Levels

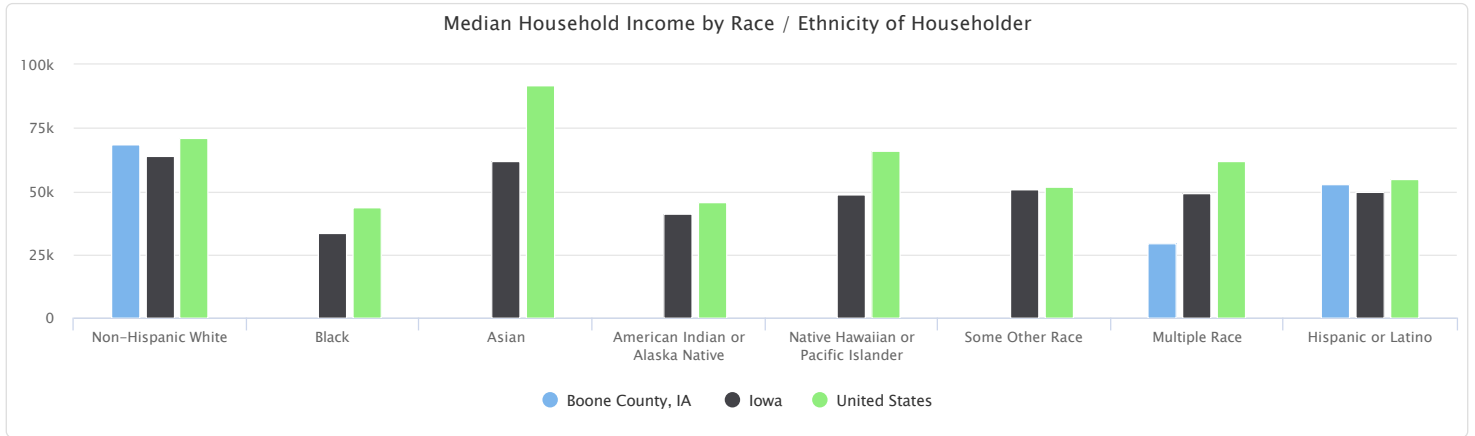
Report Area	Under \$25,000	\$25,000 - \$49,999	\$50,000 - \$99,999	\$100,000 - \$199,999	\$200,000+
Boone County, IA	13.66%	23.08%	34.76%	24.07%	4.43%
Iowa	17.74%	22.41%	33.41%	21.47%	4.98%
United States	18.41%	20.64%	29.95%	22.73%	8.26%



Median Household Income by Race / Ethnicity of Householder

This indicator reports the median household income of the report area by race / ethnicity of householder.

Report Area	Non-Hispanic White	Black	Asian	American Indian or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race	Hispanic or Latino
Boone County, IA	\$68,504	No data	No data	No data	No data	No data	\$29,695	\$52,778
Iowa	\$63,961	\$33,662	\$62,106	\$41,211	\$48,500	\$50,780	\$49,246	\$49,686
United States	\$70,843	\$43,674	\$91,775	\$45,877	\$65,804	\$51,900	\$61,870	\$54,632

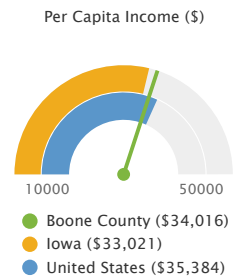


Income - Per Capita Income

The per capita income for the report area is \$34,016. This includes all reported income from wages and salaries as well as income from self-employment, interest or dividends, public assistance, retirement, and other sources. The per capita income in this report area is the average (mean) income computed for every man, woman, and child in the specified area.

Report Area	Total Population	Total Income (\$)	Per Capita Income (\$)
Boone County, IA	26,381	\$897,385,800	\$34,016
Iowa	3,150,011	\$104,016,965,400	\$33,021
United States	326,569,308	\$11,555,302,096,600	\$35,384

Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

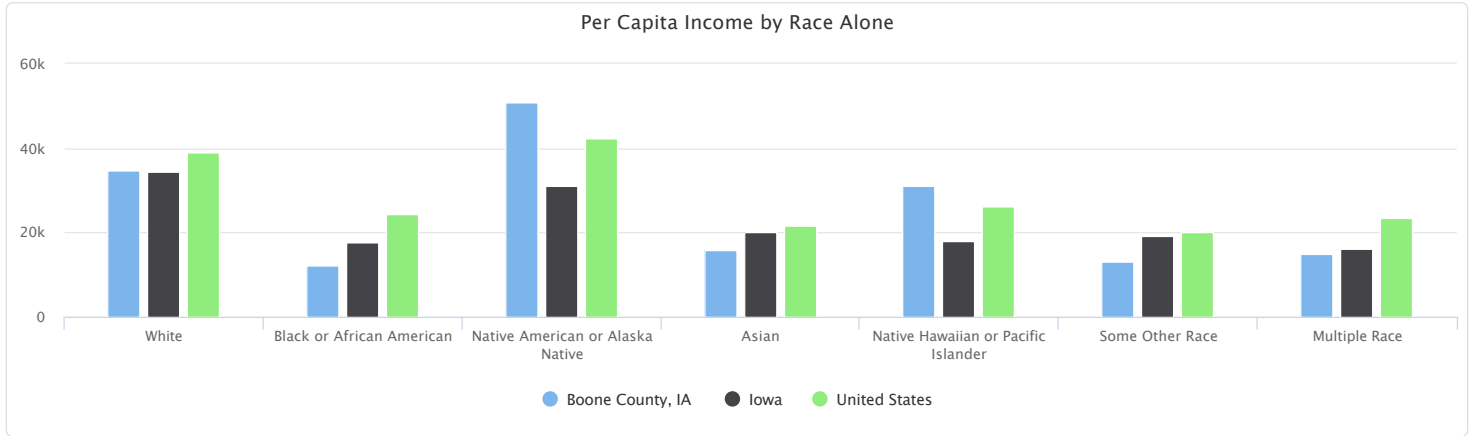
Per Capita Income by Tract, ACS 2016-20

- Over \$30,000
- \$25,001 - \$30,000
- \$20,001 - \$25,000
- Under \$20,001
- No Data or Data Suppressed
- Boone County, IA

Per Capita Income by Race Alone

This indicator reports the per capita income of the report area by race alone.

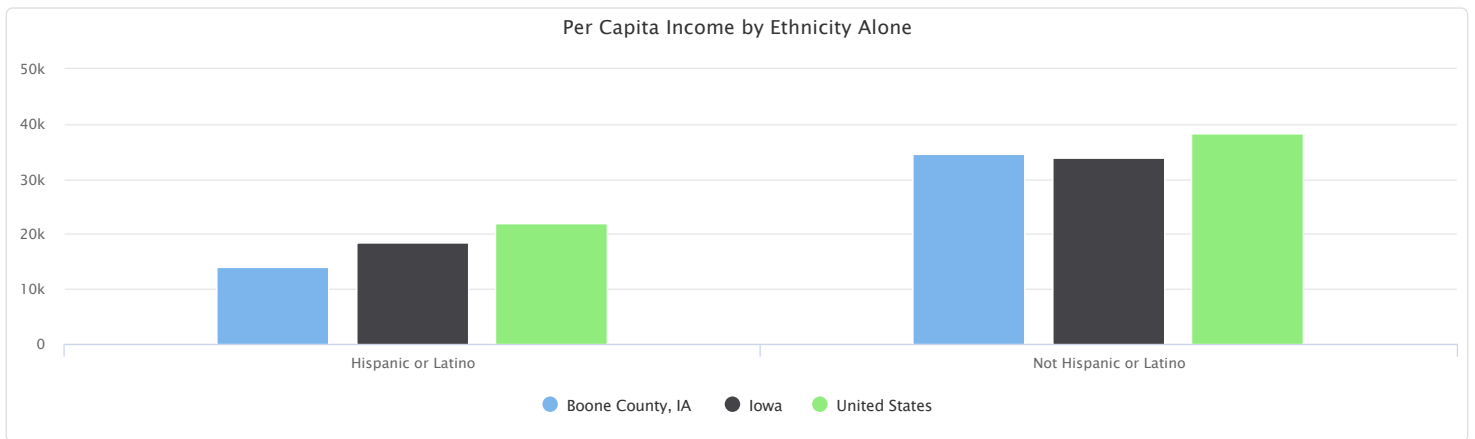
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	\$34,764.00	\$12,219.00	\$50,837.00	\$15,900.00	\$31,103.00	\$13,206.00	\$14,830.00
Iowa	\$34,529.00	\$17,814.00	\$31,197.00	\$20,139.00	\$18,017.00	\$19,312.00	\$16,186.00
United States	\$38,945.00	\$24,454.00	\$42,331.00	\$21,673.00	\$26,051.00	\$20,231.00	\$23,563.00



Per Capita Income by Ethnicity Alone

This indicator reports the per capita income of the report area by ethnicity alone.

Report Area	Hispanic or Latino	Not Hispanic or Latino
Boone County, IA	\$14,111.00	\$34,574.00
Iowa	\$18,469.00	\$33,978.00
United States	\$21,846.00	\$38,392.00

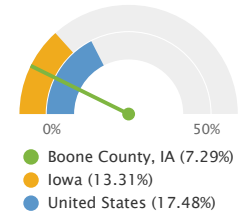


Poverty - Children Below 100% FPL

In the report area 7.29% or 402 children aged 0-17 are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population	Population Under Age 18	Population Under Age 18 in Poverty	Percent Population Under Age 18 in Poverty
Boone County, IA	25,987	5,516	402	7.29%
Iowa	3,051,284	714,639	95,105	13.31%
United States	318,564,128	72,065,774	12,598,699	17.48%

Percent Population Under Age 18 in Poverty

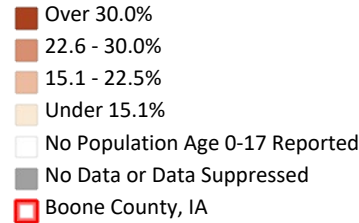


Note: This indicator is compared to the state average.
 Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

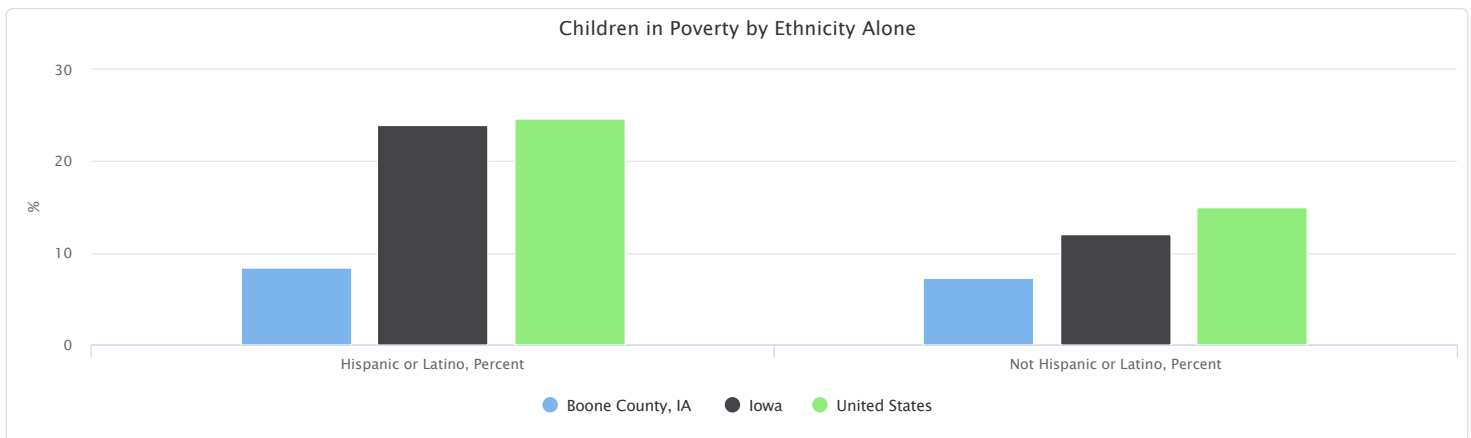
Population Below the Poverty Level, Children (Age 0-17), Percent by Tract, ACS 2016-20



Children in Poverty by Ethnicity Alone

This indicator reports children aged 0-17 living in households with income below the federal poverty level by ethnicity alone.

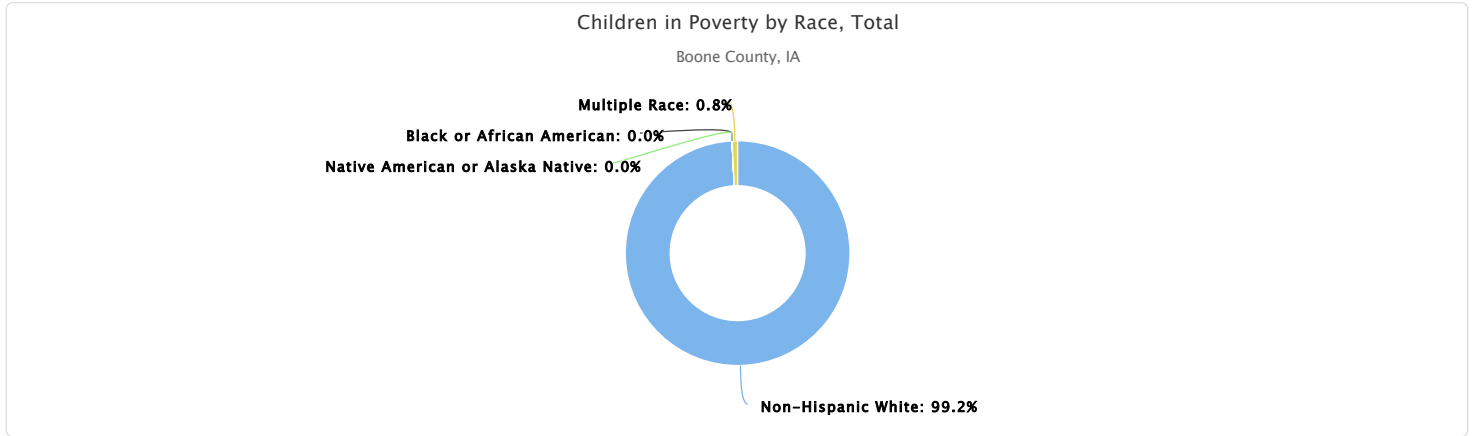
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Boone County, IA	23	379	8.39%	7.23%
Iowa	17,747	77,358	23.96%	12.08%
United States	4,487,018	8,111,681	24.68%	15.05%



Children in Poverty by Race, Total

This indicator reports the total children aged 0-17 living in households with income below the federal poverty level by race alone.

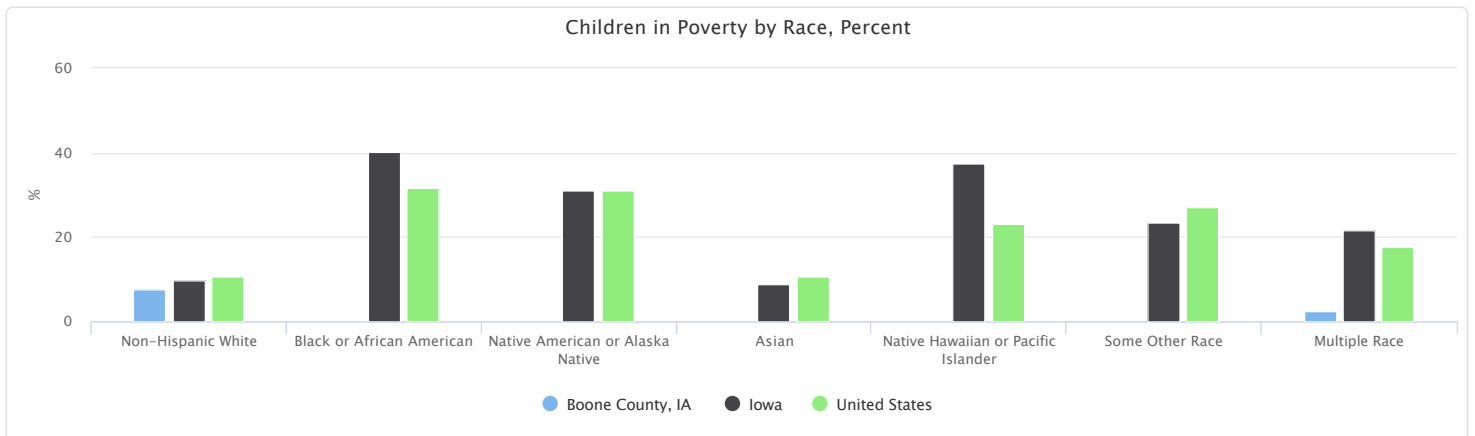
Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	376	0	0	0	0	0	3
Iowa	52,795	14,832	812	1,643	528	3,027	9,580
United States	3,805,465	3,169,873	214,829	388,057	34,982	1,282,237	1,163,442



Children in Poverty by Race, Percent

This indicator reports percent of children aged 0-17 living in households with income below the federal poverty level by race alone.

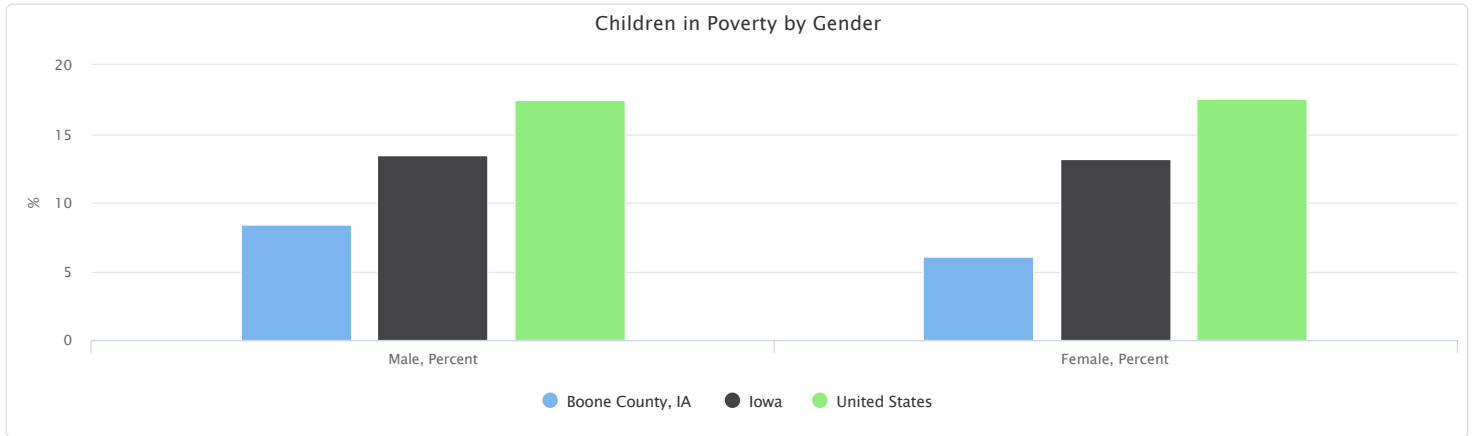
Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	7.59%	0.00%	0.00%	No data	0.00%	0.00%	2.29%
Iowa	9.61%	40.24%	30.99%	8.95%	37.53%	23.43%	21.48%
United States	10.58%	31.80%	31.16%	10.58%	23.24%	27.24%	17.63%



Children in Poverty by Gender

This indicator reports children aged 0-17 living in households with income below the federal poverty level by gender.

Report Area	Male	Female	Male, Percent	Female, Percent
Boone County, IA	239	163	8.44%	6.07%
Iowa	48,868	46,237	13.43%	13.18%
United States	6,414,903	6,183,796	17.43%	17.54%



Poverty - Children Eligible for Free/Reduced Price Lunch

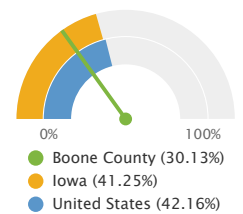
Free or reduced price lunches are served to qualifying students in families with income between under 185 percent (reduced price) or under 130% (free lunch) of the US federal poverty threshold as part of the federal National School Lunch Program (NSLP).

Out of 3,783 total public school students in the report area, 1,140 were eligible for the free or reduced price lunch program in the latest report year. This represents 30.13% of public school students, which is lower than the state average of 41.25%.

Note: States with more than 80% records "not reported" are suppressed for all geographic areas, including hospital service area, census tract, zip code, school district, county, state, etc.

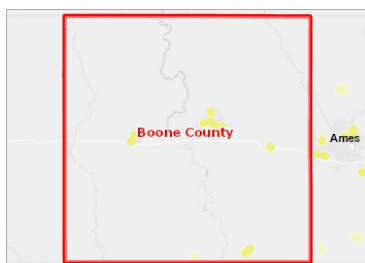
Report Area	Total Students	Students Eligible for Free or Reduced Price Lunch	Students Eligible for Free or Reduced Price Lunch, Percent
Boone County, IA	3,783	1,140	30.13%
Iowa	499,582	206,067	41.25%
United States	53,244,287	22,445,622	42.16%

Percentage of Students Eligible for Free or Reduced Price School Lunch



Note: This indicator is compared to the state average.

Data Source: National Center for Education Statistics, NCES - Common Core of Data, 2020-2021. Source geography: Address



[View larger map](#)

Students Eligible for Free or Reduced-Price Lunch, NCES CCD 2020-21

- Over 90.0%
- 75.1% - 90.0%
- 50.1% - 75.0%
- 20.1% - 50.0%
- Under 20.1%
- Not Reported
- Boone County, IA

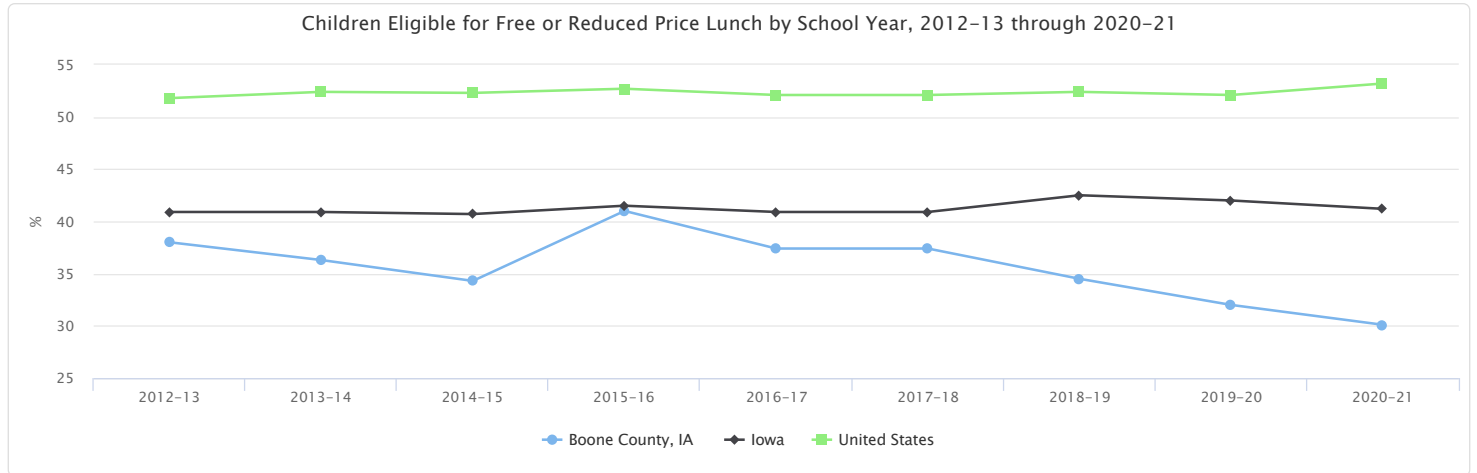
Children Eligible for Free or Reduced Price Lunch by School Year, 2012-13 through 2020-21

The table below shows local, state, and national trends in student free and reduced lunch eligibility by percent.

Note: The states below have more than 80% public schools labeled as "not reported" in 2020-2021. For consistency, these states still have their values calculated with the limited records on all geographic levels (unless there is not a single record reported in the selected area). Use with caution when comparing to other years. This issue might occur in other states/years as well.

For 2020-2021, watch out for Alaska, Arizona, Delaware, District of Columbia, Illinois, Massachusetts, Montana, Ohio, Oregon, Tennessee, Virginia, American Samoa, and Northern Mariana Islands.

Report Area	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	2020-21
Boone County, IA	38.0%	36.3%	34.3%	41.0%	37.4%	37.4%	34.5%	32.0%	30.1%
Iowa	40.9%	40.9%	40.7%	41.5%	40.9%	40.9%	42.5%	42.0%	41.2%
United States	51.8%	52.4%	52.3%	52.7%	52.1%	52.1%	52.4%	52.1%	53.2%



Children Eligible for Free or Reduced Price Lunch by Eligibility

The table below displays the number and percentage of students eligible for free or reduced price lunch by income eligibility category. Percentages in the table below are out of the total student population.

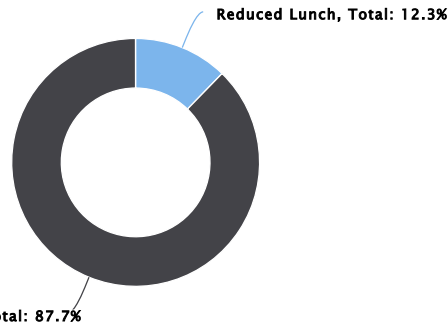
Note: States with more than 80% records labeled as "not reported" are suppressed for all geographic areas.

Report Area	Free Lunch, Total	Free Lunch, Percent	Reduced Lunch, Total	Reduced Lunch, Percent
Boone County, IA	1,000	26.4%	140	3.7%
Iowa	174,788	35.0%	31,255	6.3%
United States	19,950,407	37.5%	1,952,641	3.7%

The chart below displays the percentage of the students in each eligibility category out of the total number of students eligible for free or reduced price lunch.

Children Eligible for Free or Reduced Price Lunch by Eligibility

Boone County, IA



Poverty - Population Below 100% FPL

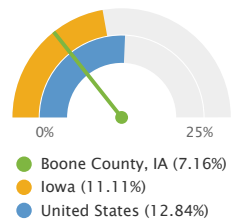
Poverty is considered a *key driver* of health status.

Within the report area 7.16% or 1,861 individuals for whom poverty status is determined are living in households with income below the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

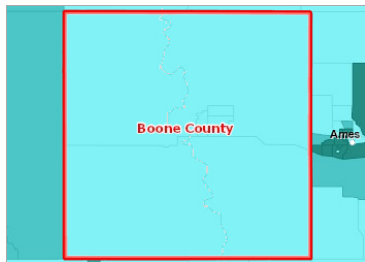
Note: The total population measurements for poverty reports are lower, as poverty data collection does not include people in group quarters. See Methodology for more details.

Report Area	Total Population	Population in Poverty	Population in Poverty, Percent
Boone County, IA	25,987	1,861	7.16%
Iowa	3,051,284	339,090	11.11%
United States	318,564,128	40,910,326	12.84%

Population in Poverty, Percent

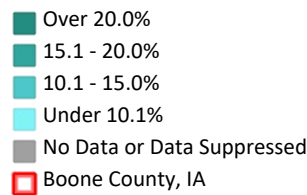


*Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract*



[View larger map](#)

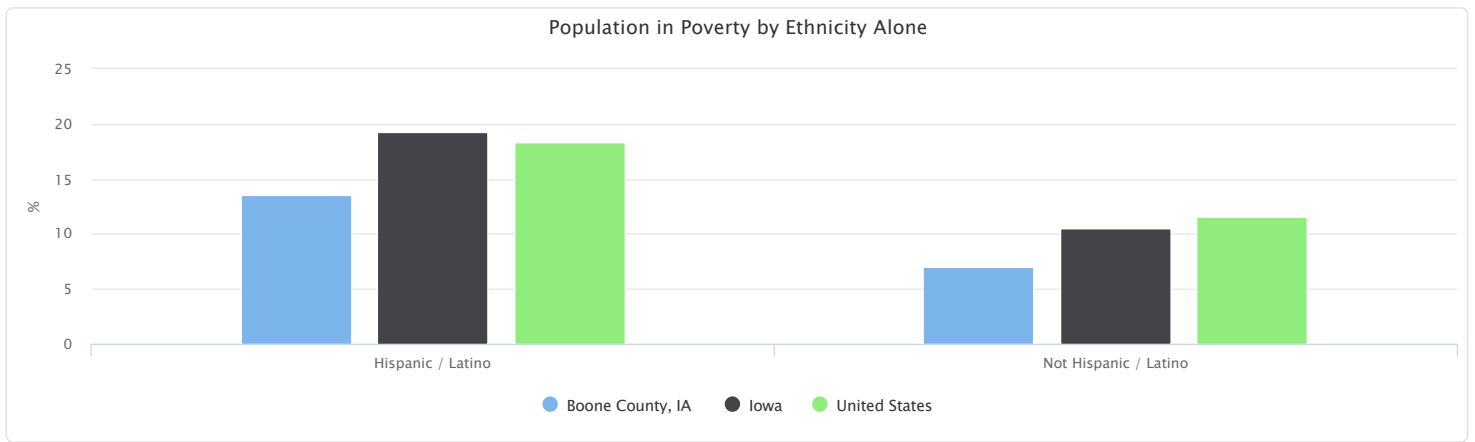
Population Below the Poverty Level, Percent by Tract, ACS 2016-20



Population in Poverty by Ethnicity Alone

This indicator reports the population in poverty in the report area by ethnicity alone.

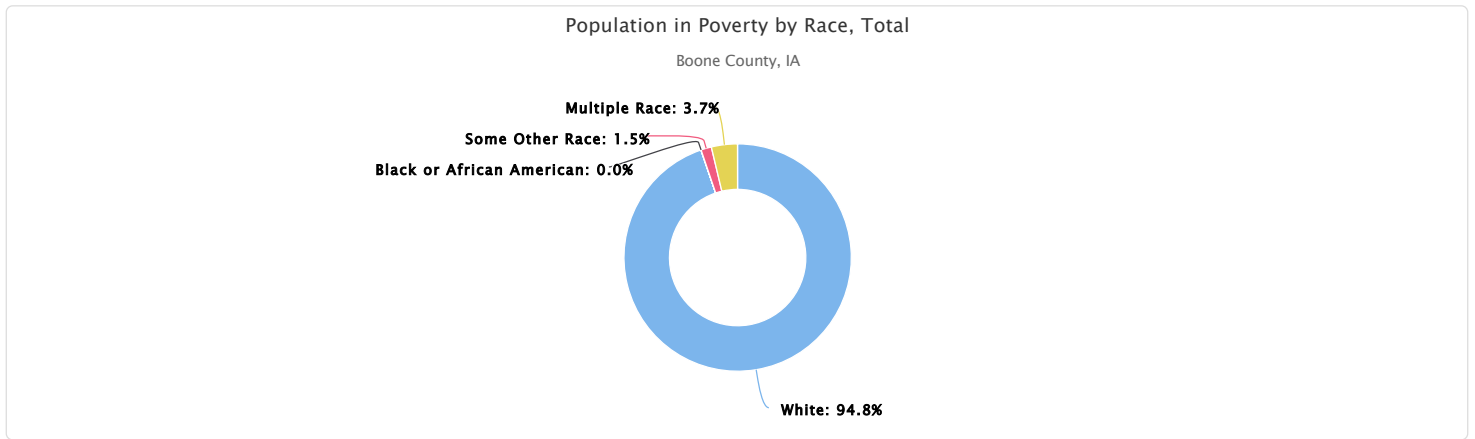
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Boone County, IA	95	1,766	13.51%	6.98%
Iowa	36,414	302,676	19.30%	10.57%
United States	10,642,653	30,267,673	18.29%	11.62%



Population in Poverty by Race, Total

This indicator reports the total population in poverty in the report area by race alone.

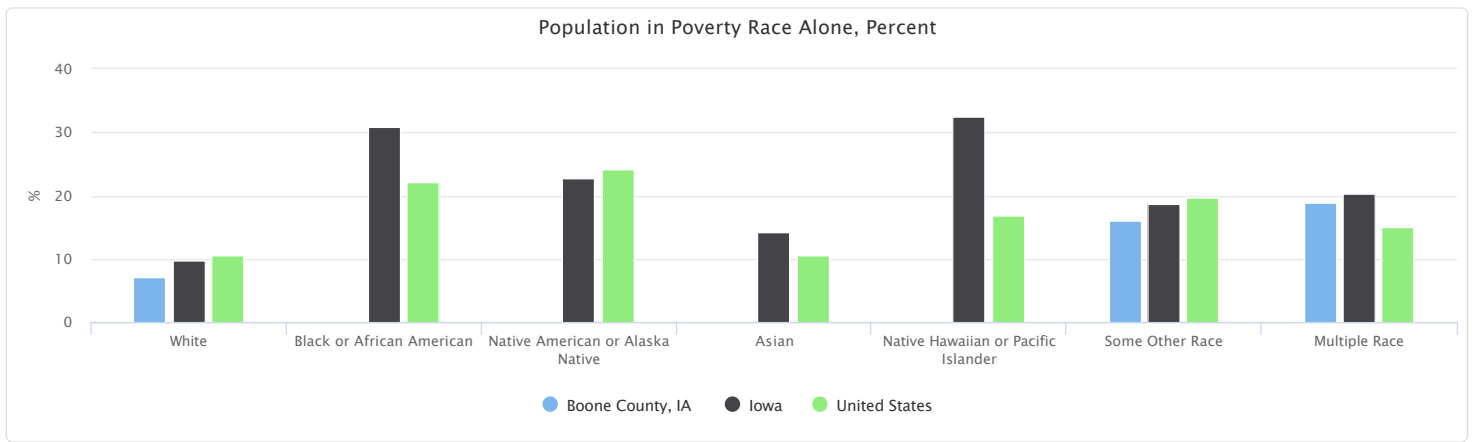
Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	1,764	0	0	0	0	28	69
Iowa	265,467	33,568	2,273	11,045	1,250	7,261	18,226
United States	23,820,939	8,726,814	626,766	1,917,691	99,642	3,234,981	2,483,493



Population in Poverty Race Alone, Percent

This indicator reports the percentage of population in poverty in the report area by race alone.

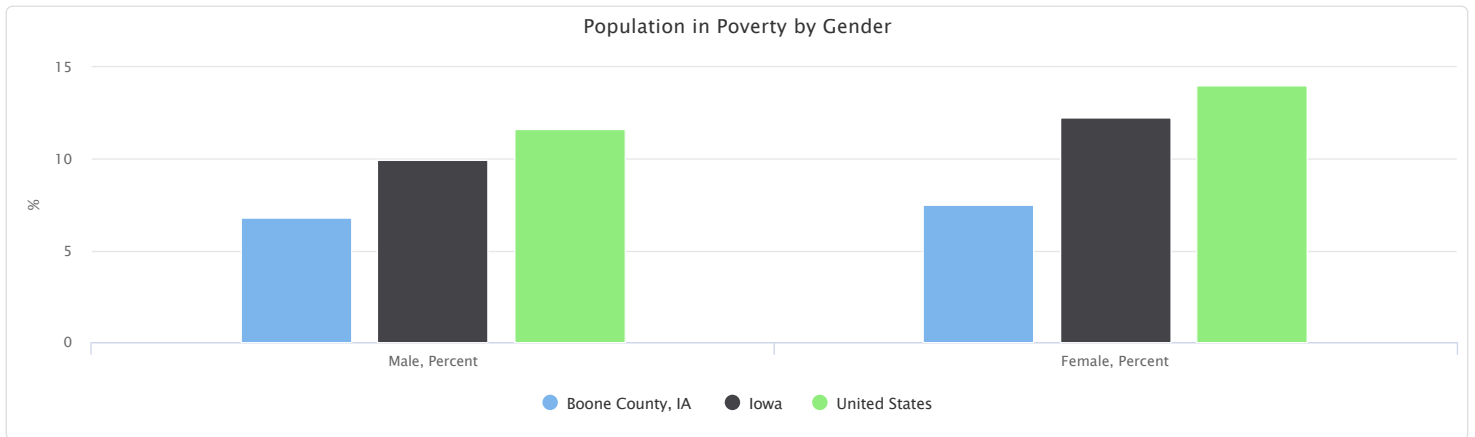
Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	7.08%	0.00%	0.00%	0.00%	0.00%	16.09%	18.80%
Iowa	9.75%	30.78%	22.67%	14.29%	32.58%	18.68%	20.28%
United States	10.60%	22.07%	24.13%	10.61%	16.81%	19.66%	15.08%



Population in Poverty by Gender

This indicator reports the population in poverty in the report area by gender.

Report Area	Male	Female	Male, Percent	Female, Percent
Boone County, IA	887	974	6.82%	7.51%
Iowa	150,447	188,643	9.95%	12.25%
United States	18,171,512	22,738,814	11.64%	13.99%



Education

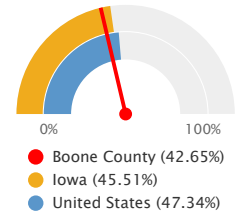
This category contains indicators that describe the education system and the educational outcomes of report area populations. Education metrics can be used to describe variation in population access, proficiency, and attainment throughout the education system, from access to pre-kindergarten through advanced degree attainment. These indicators are important because education is closely tied to health outcomes and economic opportunity.

Access - Preschool Enrollment (Age 3-4)

This indicator reports the percentage of the population age 3-4 that is enrolled in school. This indicator helps identify places where pre-school opportunities are either abundant or lacking in the educational system.

Report Area	Population Age 3-4	Population Age 3-4 Enrolled in School	Population Age 3-4 Enrolled in School, Percent
Boone County, IA	551	235	42.65%
Iowa	79,348	36,110	45.51%
United States	8,156,714	3,861,717	47.34%

Percentage of Population Age 3-4 Enrolled in School

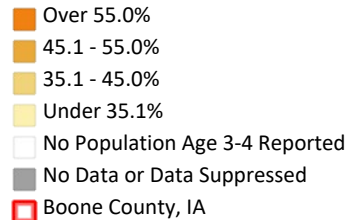


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Enrollment in School, Children (Age 3-4), Percent by Tract, ACS 2016-20

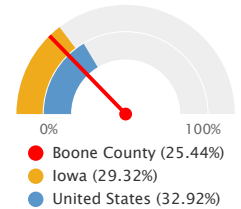


Attainment - Bachelor's Degree or Higher

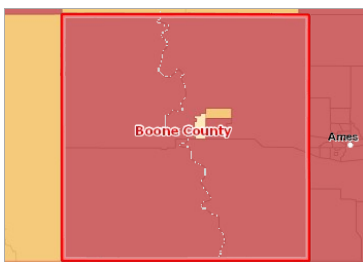
25.44% of the population aged 25 and older, or 4,745 have obtained a Bachelor's level degree or higher. This indicator is relevant because educational attainment has been linked to positive health outcomes.

Report Area	Total Population Age 25+	Population Age 25+ with Bachelor's Degree or Higher	Population Age 25+ with Bachelor's Degree or Higher, Percent
Boone County, IA	18,654	4,745	25.44%
Iowa	2,104,864	617,115	29.32%
United States	222,836,834	73,356,319	32.92%

Population Age 25+ with Bachelor's Degree or Higher, Percent

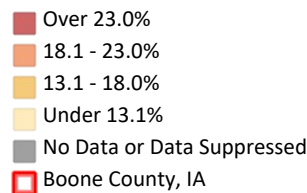


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Population with a Bachelor's Degree or Higher, Percent by Tract, ACS 2016-20



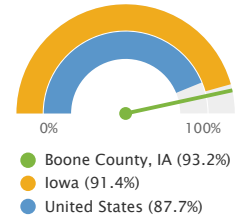
Attainment - High School Graduation Rate

The adjusted cohort graduation rate (ACGR) is a graduation metric that follows a "cohort" of first-time 9th graders in a particular school year, and adjust this number by adding any students who transfer into the cohort after 9th grade and subtracting any students who transfer out, emigrate to another country, or pass away. The ACGR is the percentage of the students in this cohort who graduate within four years. In the report area, the adjusted cohort graduation rate was 93.2% during the most recently reported school year. Students in the report area performed better than the state, which had an

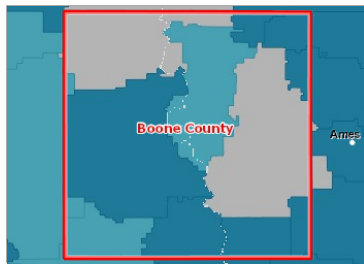
ACGR of 91.4%.

Report Area	Adjusted Student Cohort	Number of Diplomas Issued	Cohort Graduation Rate
Boone County, IA	311	290	93.2%
Iowa	35,141	32,119	91.4%
United States	3,095,240	2,715,610	87.7%

Adjusted Cohort Graduation Rate

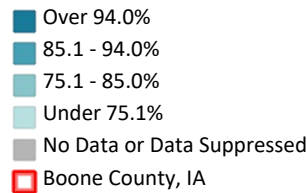


Note: This indicator is compared to the state average.
Data Source: US Department of Education, [EDFacts](#). Additional data analysis by CARES. 2018-19. Source geography: School District



[View larger map](#)

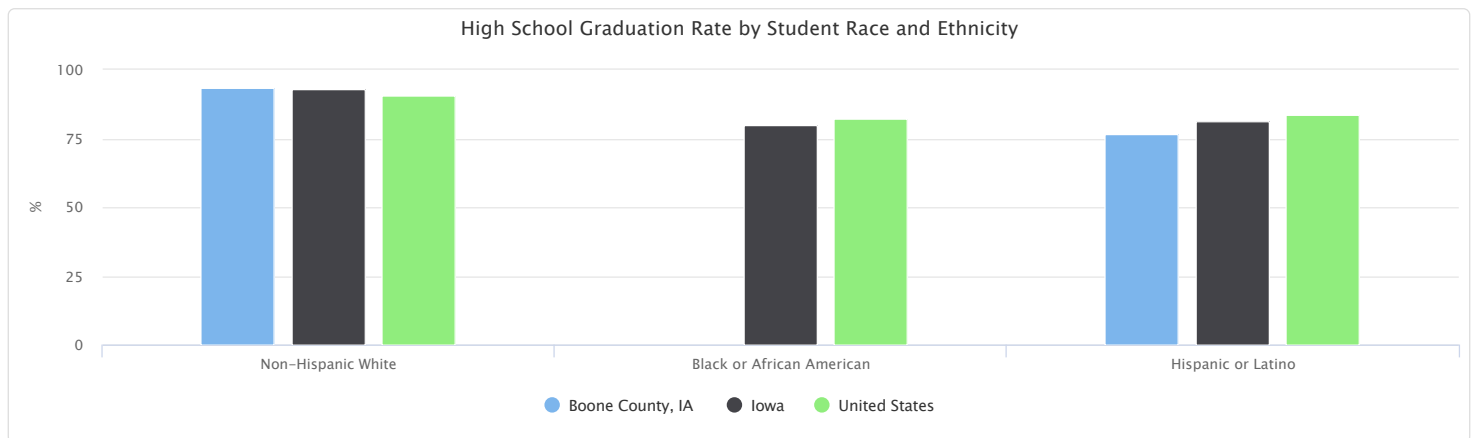
On-Time Graduation, Rate by School District (Secondary), EDFacts 2018-19



High School Graduation Rate by Student Race and Ethnicity

The table and chart below display local, state, and national variation in cohort graduation rates by student race and ethnicity. Note: Data are suppressed for some school districts for population groups when the "universe" population falls below a certain threshold. County, state, and national summaries are aggregates of district level data and may not represent all students when suppression has occurred.

Report Area	Non-Hispanic White	Black or African American	Hispanic or Latino
Boone County, IA	93.6%	No data	76.5%
Iowa	92.9%	79.7%	81.3%
United States	90.8%	82.1%	83.7%

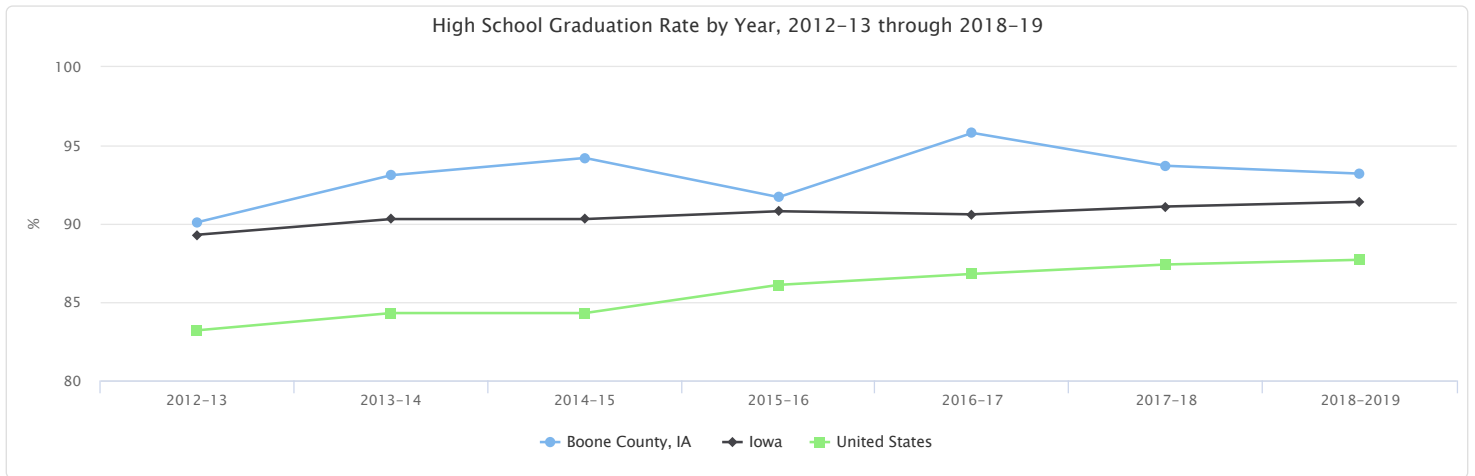


High School Graduation Rate by Year, 2012-13 through 2018-19

The table below shows local, state, and national trends in cohort graduation rates.

Note: Data for some states are omitted each year when they fail to meet federal reporting standards or deadlines. Use caution when comparing national trends as the "universe" population may differ over time.

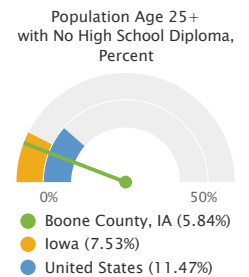
Report Area	2012-13	2013-14	2014-15	2015-16	2016-17	2017-18	2018-2019
Boone County, IA	90.1%	93.1%	94.2%	91.7%	95.8%	93.7%	93.2%
Iowa	89.3%	90.3%	90.3%	90.8%	90.6%	91.1%	91.4%
United States	83.2%	84.3%	84.3%	86.1%	86.8%	87.4%	87.7%



Attainment - No High School Diploma

Within the report area there are 1,089 persons aged 25 and older without a high school diploma (or equivalency) or higher. This represents 5.84% of the total population aged 25 and older. This indicator is relevant because educational attainment is linked to positive health outcomes (Freudenberg & Ruglis, 2007).

Report Area	Total Population Age 25+	Population Age 25+ with No High School Diploma	Population Age 25+ with No High School Diploma, Percent
Boone County, IA	18,654	1,089	5.84%
Iowa	2,104,864	158,401	7.53%
United States	222,836,834	25,562,680	11.47%



Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



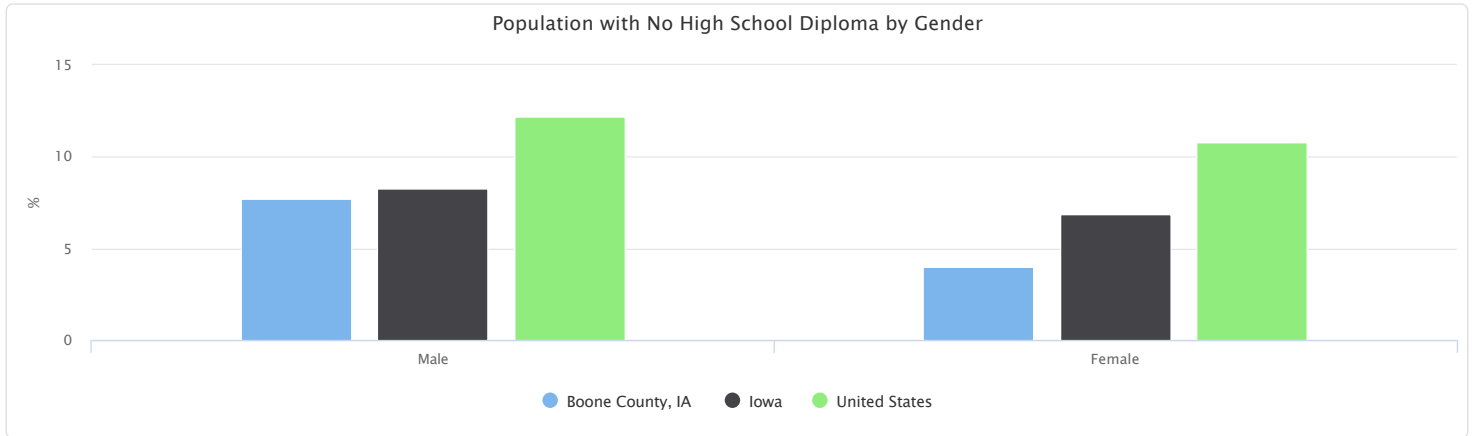
[View larger map](#)

Population with No High School Diploma (Age 25+), Percent by Tract, ACS 2016-20

- Over 21.0%
- 16.1 - 21.0%
- 11.1 - 16.0%
- Under 11.1%
- No Data or Data Suppressed
- Boone County, IA

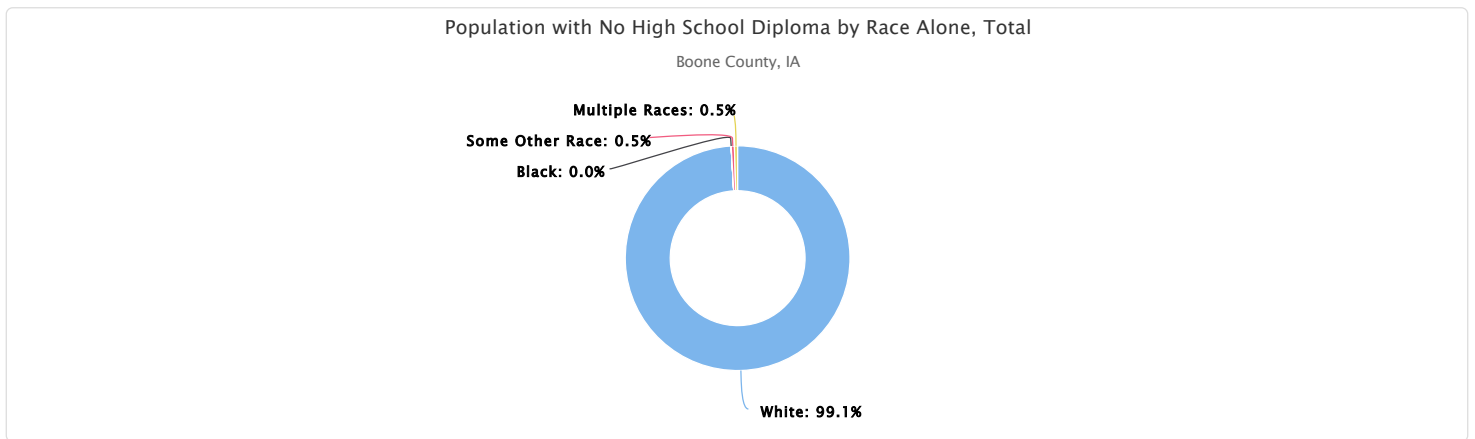
Population with No High School Diploma by Gender

Report Area	Male	Female	Male, Percent	Female, Percent
Boone County, IA	707	382	7.73%	4.02%
Iowa	84,892	73,509	8.24%	6.84%
United States	13,141,042	12,421,638	12.19%	10.80%



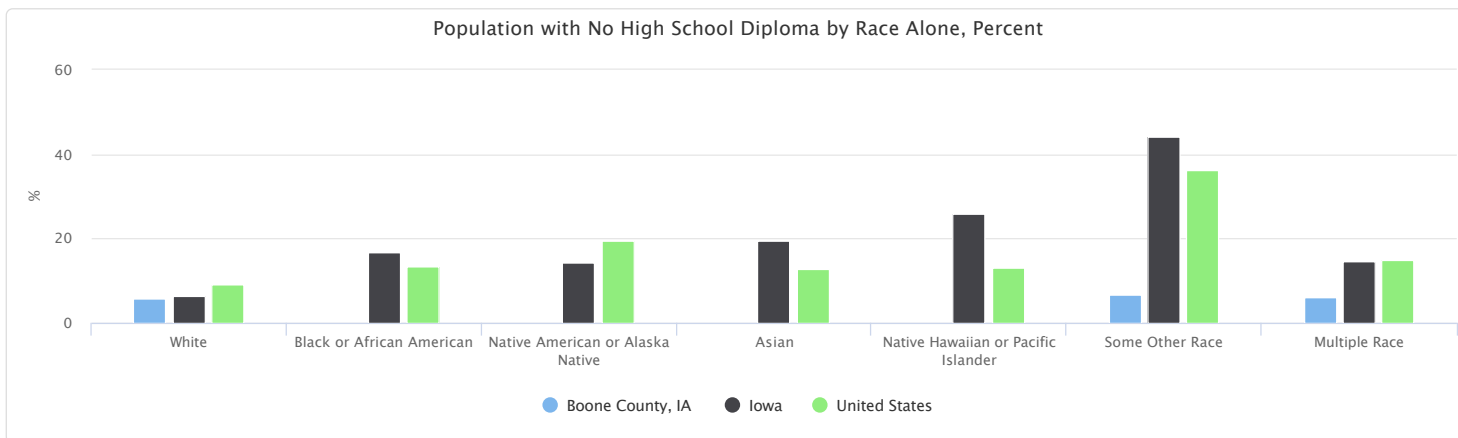
Population with No High School Diploma by Race Alone, Total

Report Area	White	Black	Asian	Native American or Alaska Native	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Races
Boone County, IA	1,079	0	0	0	0	5	5
Iowa	122,614	10,695	9,346	914	575	9,196	5,061
United States	15,123,109	3,547,596	1,655,662	327,426	51,083	3,624,534	1,233,270



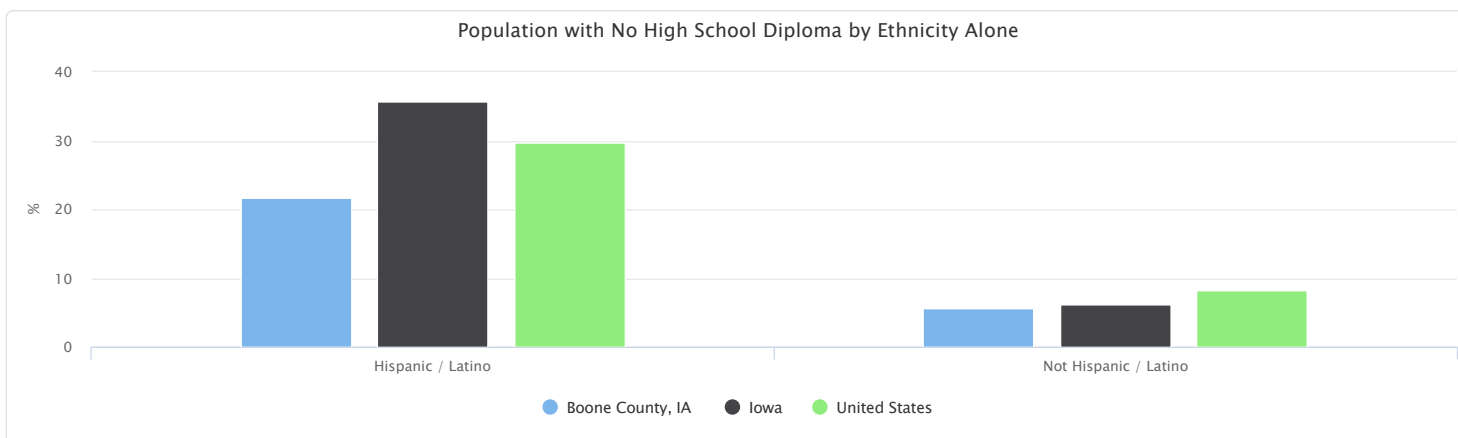
Population with No High School Diploma by Race Alone, Percent

Report Area	White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	5.92%	0.00%	0.00%	0.00%	0.00%	6.58%	6.10%
Iowa	6.35%	16.89%	14.21%	19.49%	25.75%	44.08%	14.67%
United States	9.28%	13.33%	19.41%	12.71%	13.15%	36.14%	15.01%



Population with No High School Diploma by Ethnicity Alone

Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Boone County, IA	69	1,020	21.77%	5.56%
Iowa	33,127	125,274	35.62%	6.23%
United States	10,134,213	15,428,467	29.74%	8.17%



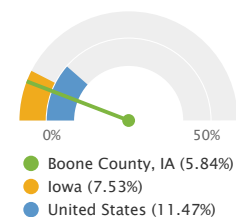
Attainment - Overview

Educational Attainment shows the distribution of the highest level of education achieved in the report area, and helps schools and businesses to understand the needs of adults, whether it be workforce training or the ability to develop science, technology, engineering, and mathematics opportunities. Educational attainment is calculated for persons over 25, and is an estimated average for the period from 2014 to 2020.

For the selected area, 18.0% have at least a college bachelor's degree, while 32.5% stopped their formal educational attainment after high school.

Report Area	No High School Diploma	High School Only	Some College	Associates Degree	Bachelors Degree	Graduate or Professional Degree
Boone County, IA	5.84%	32.5%	21.6%	14.6%	18.0%	7.4%
Iowa	7.53%	30.8%	20.6%	11.8%	19.7%	9.6%
United States	11.47%	26.7%	20.3%	8.6%	20.2%	12.7%

Percent Population with No High School Diploma

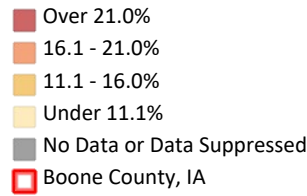


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: County



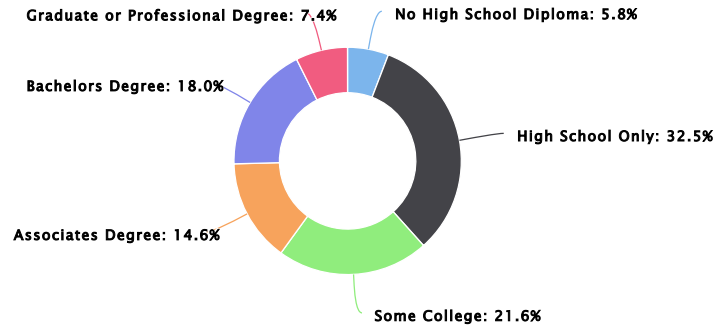
[View larger map](#)

Population with No High School Diploma (Age 18+), Percent by Tract, ACS 2016-20



Attainment - Overview

Boone County, IA



Housing and Families

This category contains indicators that describe the structure of housing and families, and the condition and quality of housing units and residential neighborhoods. These indicators are important because housing issues like overcrowding and affordability have been linked to multiple health outcomes, including infectious disease, injuries, and mental disorders. Furthermore, housing metrics like home-ownership rates and housing prices are key for economic analysis.

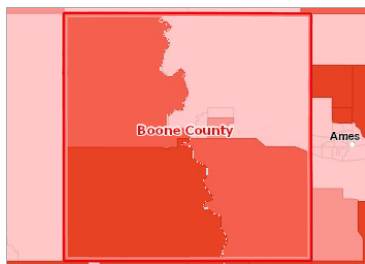
Households - Overview

This indicator reports the total number and percentage of households by composition (married couple family, nonfamily, etc.). According to the American Community Survey subject definitions, a family household is any housing unit in which the householder is living with one or more individuals related to him or her by birth, marriage, or adoption*. A non-family household is any household occupied by the householder alone, or by the householder and one or more unrelated individuals.

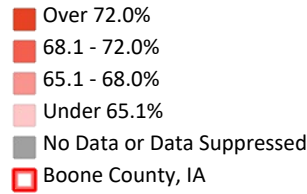
*Family households and married-couple families do not include same-sex married couples even if the marriage was performed in a state issuing marriage certificates for same-sex couples. Same sex couple households are included in the family households category if there is at least one additional person related to the householder by birth or adoption.

Report Area	Total Households	Family Households	Family Households, Percent	Non-Family Households	Non-Family Households, Percent
Boone County, IA	10,801	7,076	65.51%	3,725	34.49%
Iowa	1,273,941	800,738	62.86%	473,203	37.14%
United States	122,354,219	79,849,830	65.26%	42,504,389	34.74%

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



Family Households, Percent by Tract, ACS 2016-20

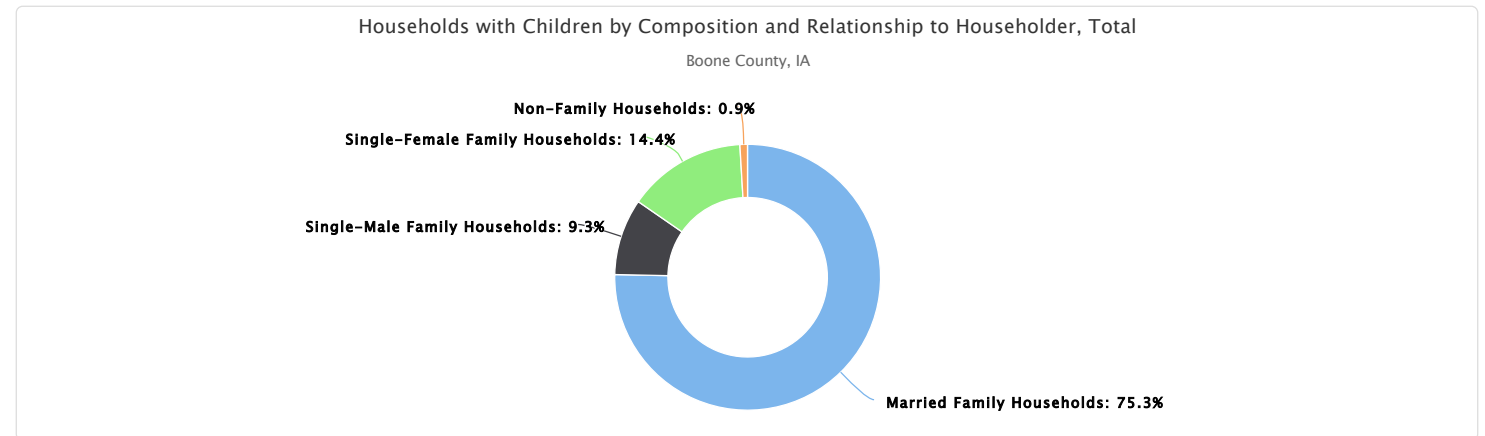


[View larger map](#)

Households with Children by Composition and Relationship to Householder, Total

This indicator reports the total number of households with children by composition and relationship to householder.

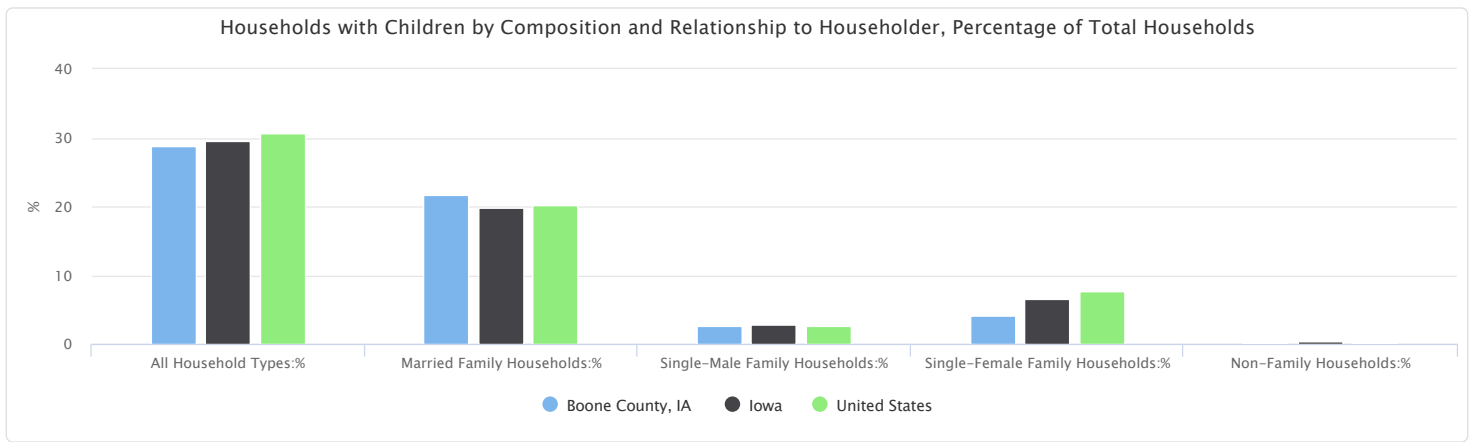
Report Area	All Household Types	Married Family Households	Single-Male Family Households	Single-Female Family Households	Non-Family Households
Boone County, IA	3,112	2,344	290	449	29
Iowa	375,357	253,429	35,469	82,634	3,825
United States	37,598,741	24,594,727	3,276,924	9,385,686	341,404



Households with Children by Composition and Relationship to Householder, Percentage of Total Households

This indicator reports households with children by composition and relationship to householder by percentage of total households.

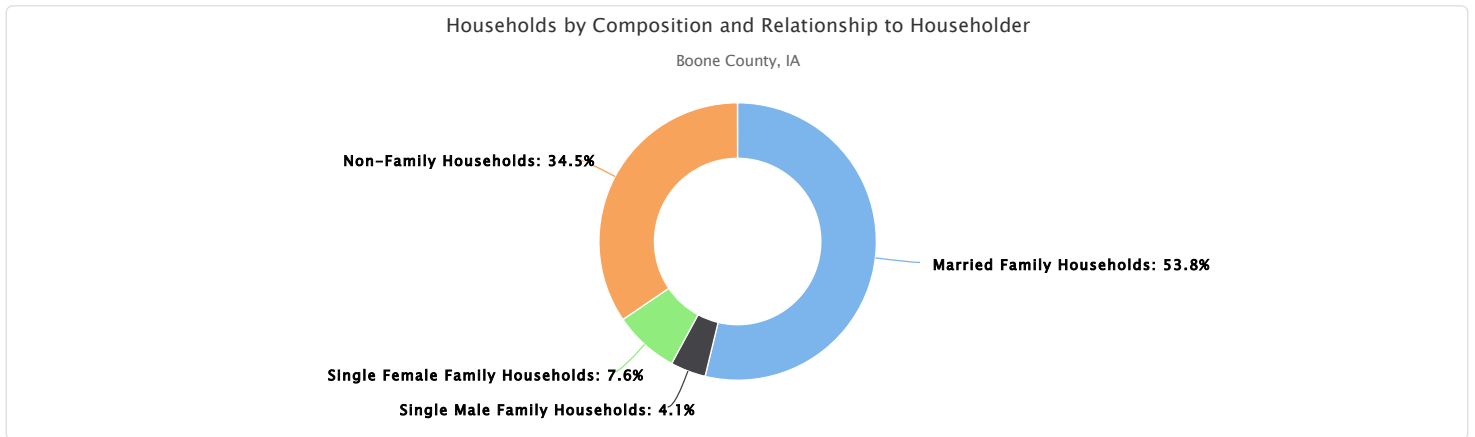
Report Area	All Household Types	Married Family Households	Single-Male Family Households	Single-Female Family Households	Non-Family Households
Boone County, IA	28.81%	21.70%	2.68%	4.16%	0.27%
Iowa	29.46%	19.89%	2.78%	6.49%	0.30%
United States	30.73%	20.10%	2.68%	7.67%	0.28%



Households by Composition and Relationship to Householder

This indicator reports households by composition and relationship to householder.

Report Area	Total Households	Married Family Households	Single Male Family Households	Single Female Family Households	Non-Family Households
Boone County, IA	10,801	5,808	445	823	3,725
Iowa	1,273,941	631,258	53,911	115,569	473,203
United States	122,354,219	58,807,003	5,956,017	15,086,810	42,504,389



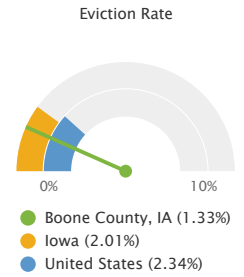
Evictions

This indicator reports information about formal evictions based on court records from 48 states and the District of Columbia, compiled by the Eviction Lab. The number evictions and eviction filings within the report area is shown in below. The “filing rate” is the ratio of the number of evictions filed in an area over the number of renter-occupied homes in that area. An “eviction rate” is the subset of those homes that received an eviction judgment in which renters were ordered to leave. For the year 2016, the Eviction Lab reports that, of 2,861 homes in the report area, there were 47 eviction filings, for an eviction filing rate of 1.64%. 38 of the eviction filings ended in an eviction, for an eviction rate of 1.33%.

Note: Not all counties have data that has been provided. Indicator data do not include information about "informal evictions", or those that happen outside of the courtroom.

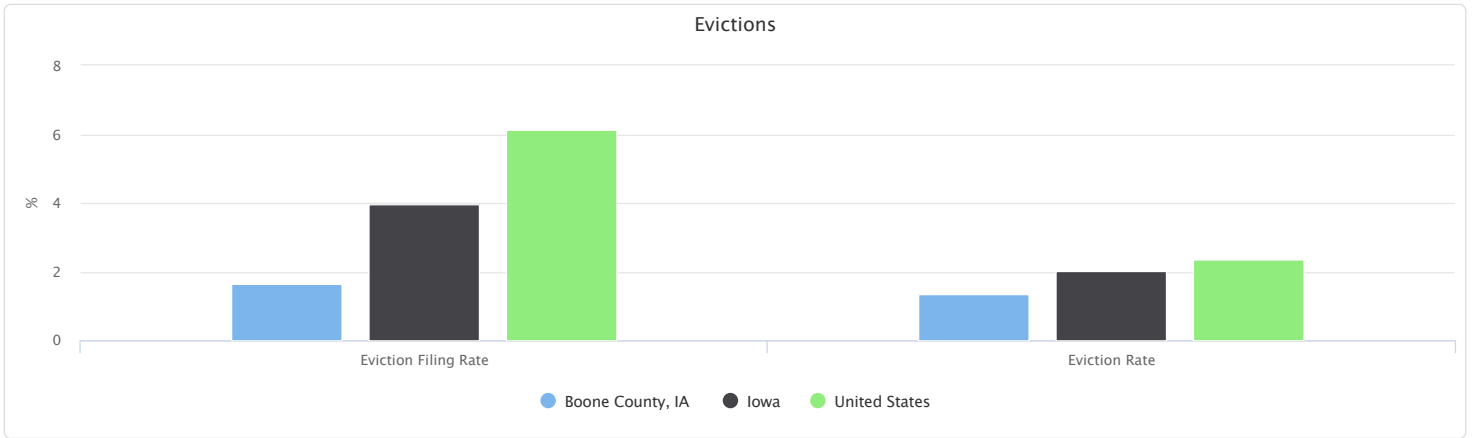
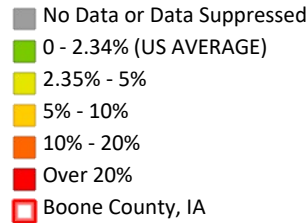
Report Area	Renter Occupied Households	Eviction Filings	Evictions	Eviction Filing Rate	Eviction Rate
Boone County, IA	2,861	47	38	1.64%	1.33%
Iowa	365,324	14,520	7,358	3.97%	2.01%
United States	38,372,860	2,350,042	898,479	6.12%	2.34%

Note: This indicator is compared to the state average.
 Data Source: Eviction Lab, 2016. Source geography: Census Tract



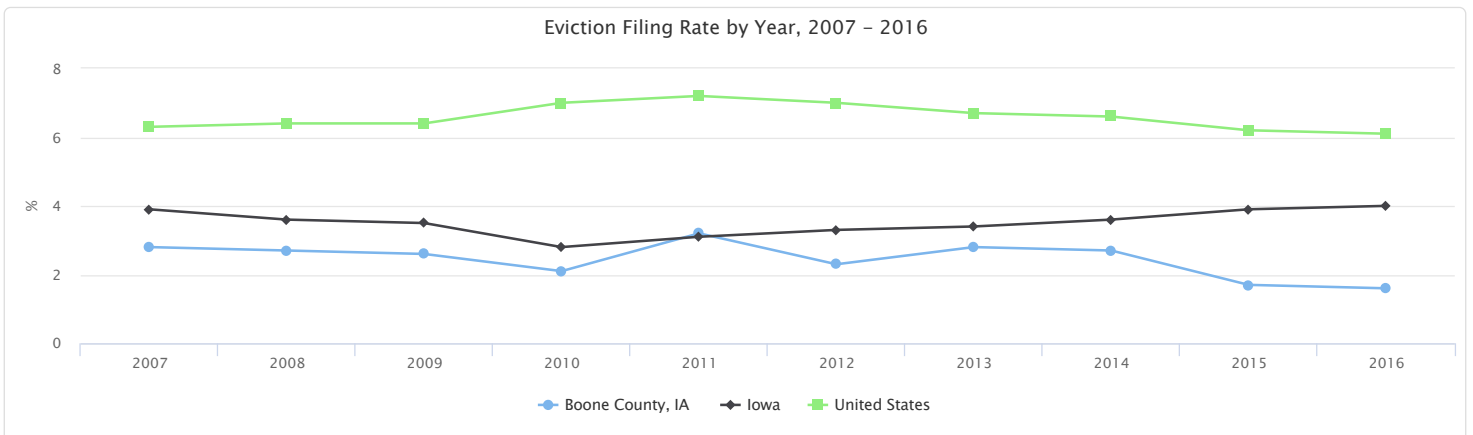
[View larger map](#)

Evictions, Rate per 100 Rental Homes by County, Eviction Lab 2016



Eviction Filing Rate by Year, 2007 - 2016

Report Area	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Boone County, IA	2.8%	2.7%	2.6%	2.1%	3.2%	2.3%	2.8%	2.7%	1.7%	1.6%
Iowa	3.9%	3.6%	3.5%	2.8%	3.1%	3.3%	3.4%	3.6%	3.9%	4.0%
United States	6.3%	6.4%	6.4%	7.0%	7.2%	7.0%	6.7%	6.6%	6.2%	6.1%

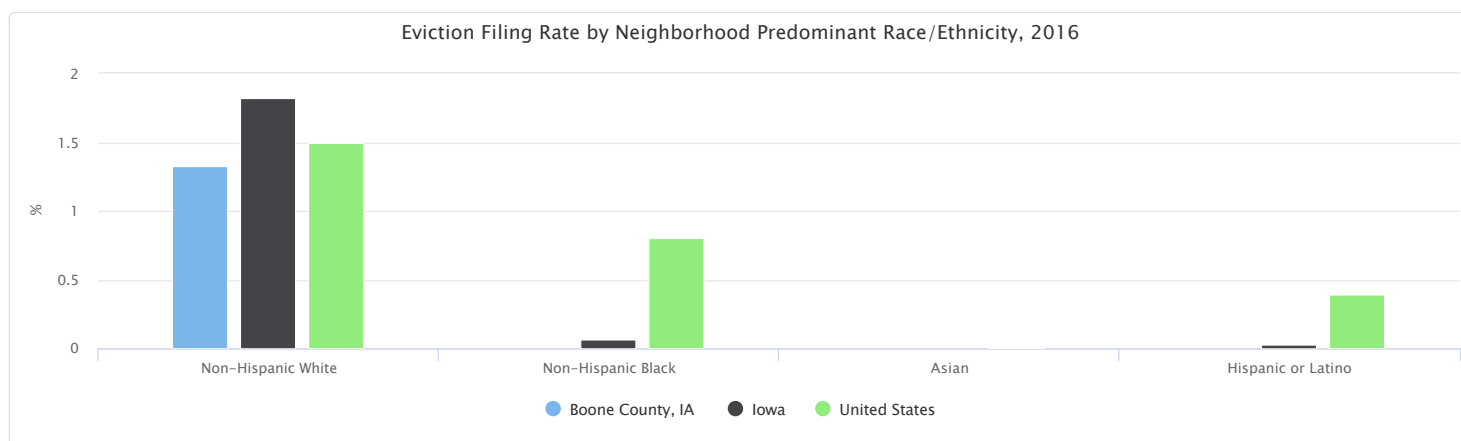


Eviction Filing Rate by Neighborhood Predominant Race/Ethnicity, 2016

Rates by race/ethnicity are calculated by aggregating data on evictions in census block groups with a majority of the population (over 50%) belonging to a specific race/ethnicity. Reported race/ethnicity categories include: Non-Hispanic White; Black or Africa American; Asian, and Hispanic or Latino. In some counties there are no majority Black, Asian, or Hispanic census block groups.

Note: Not all counties or states have data that has been provided.

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian	Hispanic or Latino
Boone County, IA	1.33%	No data	No data	No data
Iowa	1.82%	0.07%	No data	0.03%
United States	1.50%	0.80%	0.01%	0.39%



Eviction Filings by Neighborhood Predominant Race/Ethnicity, 2016

Totals by race/ethnicity are calculated by aggregating data on evictions in census block groups with a majority of the population (over 50%) belonging to a specific race/ethnicity. Reported race/ethnicity categories include: Non-Hispanic White; Black or Africa American; Asian, and Hispanic or Latino. In some counties there are no majority Black, Asian, or Hispanic census block groups.

Note: Not all counties or states have data that has been provided.

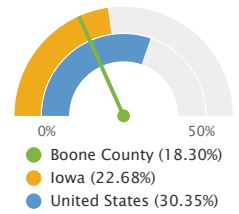
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian	Hispanic or Latino
Boone County, IA	38	No data	No data	No data
Iowa	6,294	226	No data	91
United States	405,649	217,305	1,960	105,380

Housing Costs - Cost Burden (30%)

This indicator reports the percentage of the households where housing costs are 30% or more of total household income. This indicator provides information on the cost of monthly housing expenses for owners and renters. The information offers a measure of housing affordability and excessive shelter costs. The data also serve to aid in the development of housing programs to meet the needs of people at different economic levels. Of the 10,801 total households in the report area, 1,977 or 18.30% of the population live in cost burdened households.

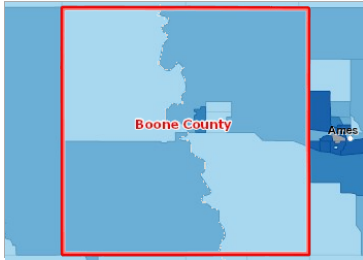
Report Area	Total Households	Cost Burdened Households (Housing Costs Exceed 30% of Income)	Cost Burdened Households, Percent
Boone County, IA	10,801	1,977	18.30%
Iowa	1,273,941	288,892	22.68%
United States	122,354,219	37,128,748	30.35%

Percentage of Households where Housing Costs Exceed 30% of Income



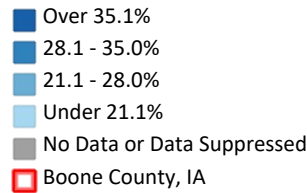
Note: This indicator is compared to the state average.

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Cost Burdened Households (Housing Costs Exceed 30% of Household Income), Percent by Tract, ACS 2016-20



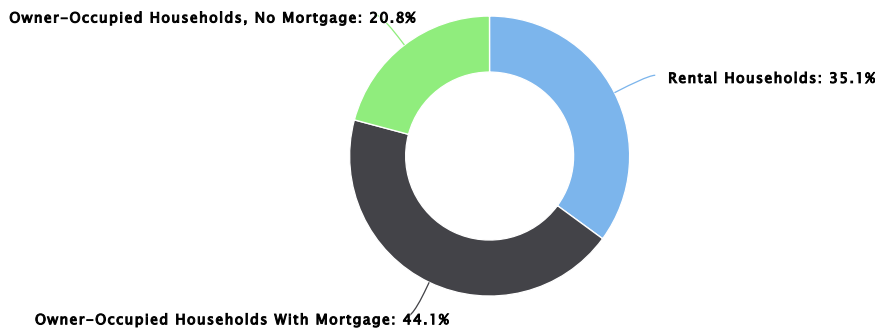
Cost Burdened Households by Tenure, Total

These data show the number of households that spend more than 30% of the household income on housing costs. In the report area, there were 1,977 cost burdened households according to the U.S. Census Bureau American Community Survey (ACS) 2016-2020 5-year estimates. The data for this indicator is only reported for households where household housing costs and income earned was identified in the American Community Survey.

Report Area	Cost Burdened Households	Cost Burdened Rental Households	Cost Burdened Owner Occupied Households (With Mortgage)	Cost Burdened Owner Occupied Households (With No Mortgage)
Boone County, IA	1,977	693	872	412
Iowa	288,892	144,453	105,783	38,656
United States	37,128,748	19,886,052	13,344,089	3,898,607

Cost Burdened Households by Tenure, Total

Boone County, IA

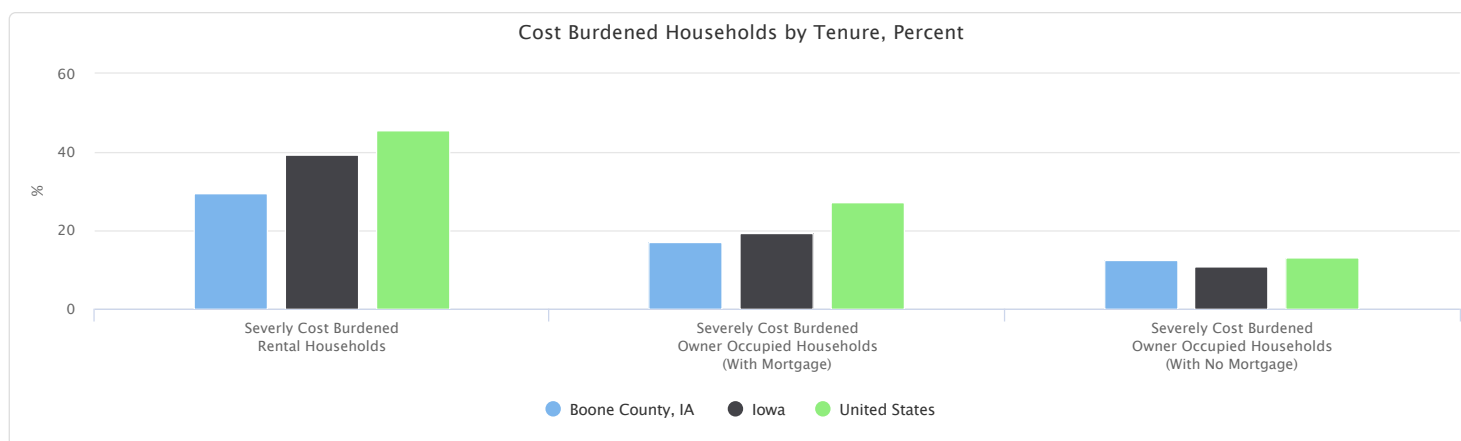


Cost Burdened Households by Tenure, Percent

These data show the percentage of households by tenure that are cost burdened. Cost burdened rental households (those that spent more than 30% of the household income on rental costs) represented 29.40% of all of the rental households in the

report area, according to the U.S. Census Bureau American Community Survey (ACS) 2016-2020 5-year estimates. The data for this indicator is only reported for households where tenure, household housing costs, and income earned was identified in the American Community Survey.

Report Area	Rental Households	Percentage of Rental Households that are Cost Burdened	Owner Occupied Households (With Mortgage)	Percentage of Owner Occupied Households w/ Mortgages that are Cost Burdened	Owner Occupied Households (No Mortgage)	Percentage of Owner Occupied Households w/o Mortgages that are Cost Burdened
Boone County, IA	2,357	29.40%	5,126	17.01%	3,318	12.42%
Iowa	366,974	39.36%	547,418	19.32%	359,549	10.75%
United States	43,552,843	45.66%	48,974,364	27.25%	29,827,012	13.07%

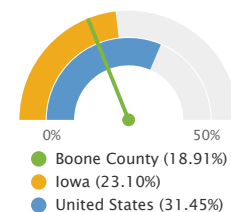


Housing Quality - Substandard Housing

This indicator reports the number and percentage of owner- and renter-occupied housing units having at least one of the following conditions: 1) lacking complete plumbing facilities, 2) lacking complete kitchen facilities, 3) with 1 or more occupants per room, 4) selected monthly owner costs as a percentage of household income greater than 30%, and 5) gross rent as a percentage of household income greater than 30%. Selected conditions provide information in assessing the quality of the housing inventory and its occupants. This data is used to easily identify homes where the quality of living and housing can be considered substandard. Of the 10,801 total occupied housing units in the report area, 2,042 or 18.91% have one or more substandard conditions.

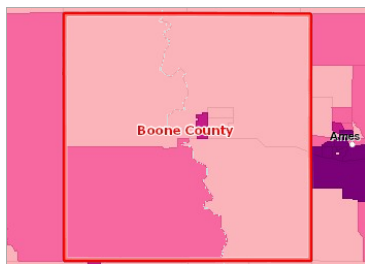
Report Area	Total Occupied Housing Units	Occupied Housing Units with One or More Substandard Conditions	Occupied Housing Units with One or More Substandard Conditions, Percent
Boone County, IA	10,801	2,042	18.91%
Iowa	1,273,941	294,289	23.10%
United States	122,354,219	38,476,032	31.45%

Occupied Housing Units with One or More Substandard Conditions, Percent



Note: This indicator is compared to the state average.

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



Substandard Housing Units, Percent of Total by Tract, ACS 2016-20

- Over 34.0%
- 28.1 - 34.0%
- 22.1 - 28.0%
- Under 22.1%
- No Data or Data Suppressed
- Boone County, IA

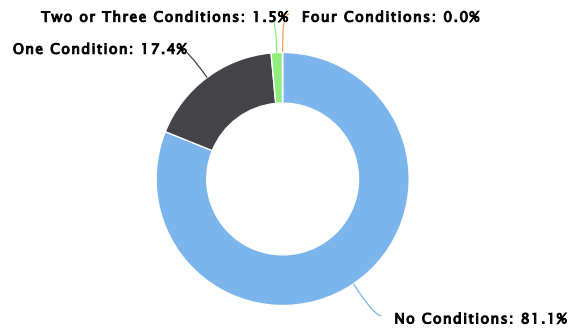
[View larger map](#)

Substandard Housing: Number of Substandard Conditions Present

Report Area	No Conditions	One Condition	Two or Three Conditions	Four Conditions
Boone County, IA	81.09%	17.44%	1.46%	0.00%
Iowa	76.90%	22.04%	1.05%	0.00%
United States	68.55%	29.63%	1.81%	0.01%

Substandard Housing: Number of Substandard Conditions Present

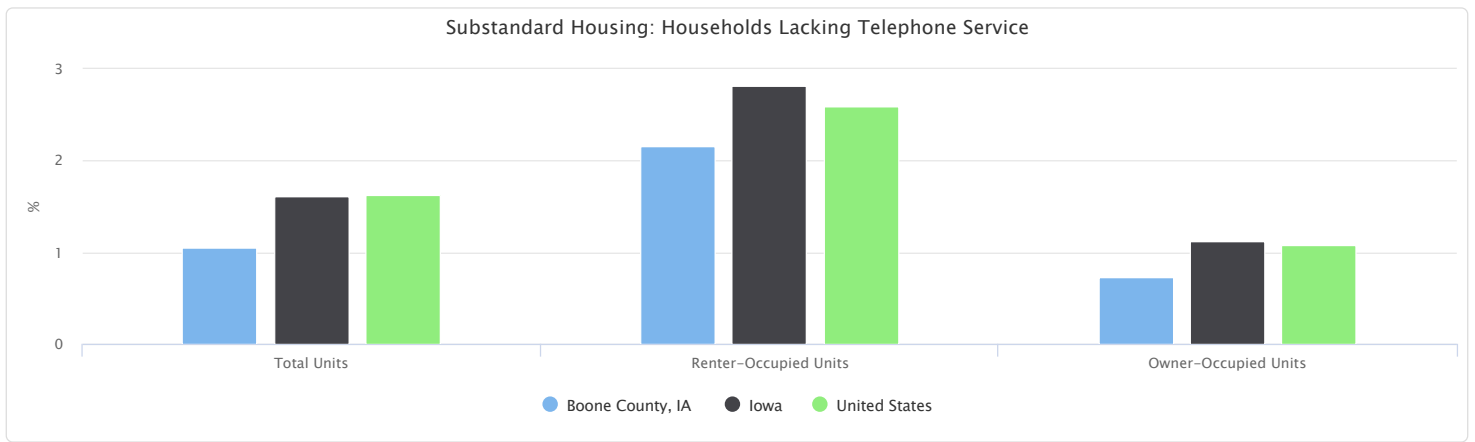
Boone County, IA



Substandard Housing: Households Lacking Telephone Service

A telephone must be in working order and service available in the house, apartment, or mobile home that allows the respondent to both make and receive calls. Households that have cell-phones (no land-line) are counted as having telephone service available. Households whose service has been discontinued for nonpayment or other reasons are not counted as having telephone service available.

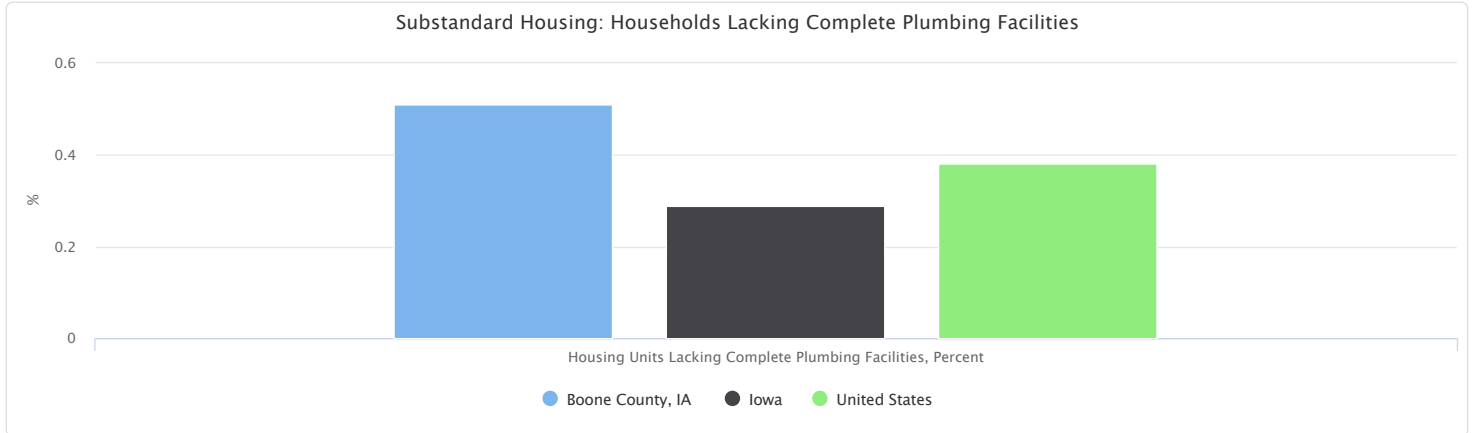
Report Area	Housing Units Lacking Telephone Service	Housing Units Lacking Telephone Service	Owner-Occupied Units Lacking Telephone Service	Owner-Occupied Units Lacking Telephone Service	Renter-Occupied Units Lacking Telephone Service	Renter-Occupied Units Lacking Telephone Service
Boone County, IA	113	1.05%	62	0.73%	51	2.16%
Iowa	20,472	1.61%	10,140	1.12%	10,332	2.82%
United States	1,976,696	1.62%	848,369	1.08%	1,128,327	2.59%



Substandard Housing: Households Lacking Complete Plumbing Facilities

Complete plumbing facilities include: (a) hot and cold running water, (b) a flush toilet, and (c) a bathtub or shower. All three facilities must be located inside the house, apartment, or mobile home, but not necessarily in the same room. Housing units are classified as lacking complete plumbing facilities when any of the three facilities is not present.

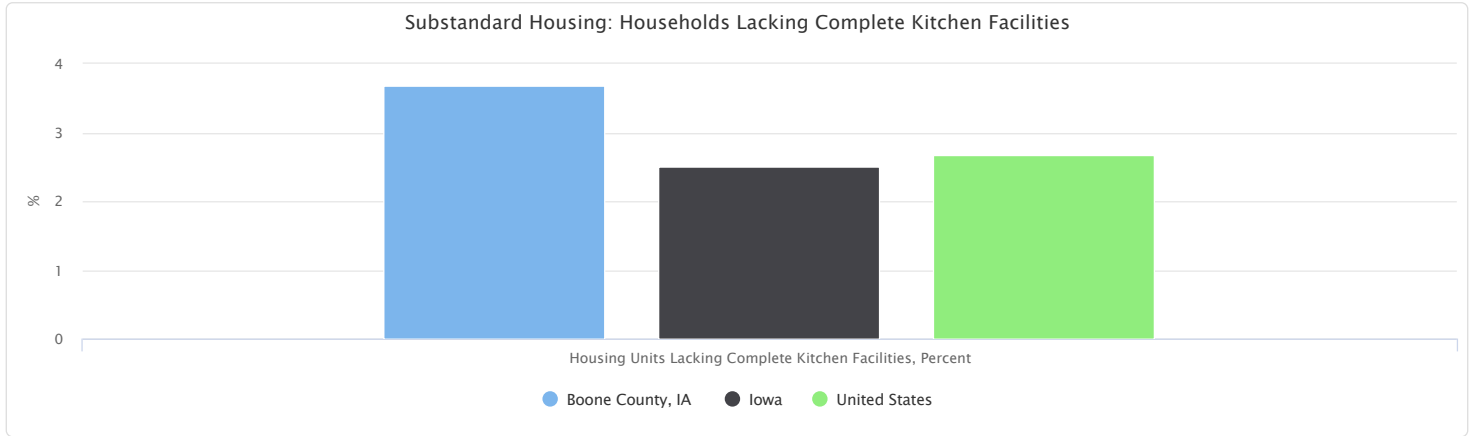
Report Area	Occupied Housing Units	Housing Units Lacking Complete Plumbing Facilities	Housing Units Lacking Complete Plumbing Facilities, Percent
Boone County, IA	10,801	55	0.51%
Iowa	1,273,941	3,671	0.29%
United States	122,354,219	460,275	0.38%



Substandard Housing: Households Lacking Complete Kitchen Facilities

A unit has complete kitchen facilities when it has all three of the following facilities: (a) a sink with a faucet, (b) a stove or range, and (c) a refrigerator. All kitchen facilities must be located in the house, apartment, or mobile home, but they need not be in the same room. A housing unit having only a microwave or portable heating equipment such as a hot plate or camping stove should not be considered as having complete kitchen facilities. An icebox is not considered to be a refrigerator.

Report Area	Occupied Housing Units	Housing Units Lacking Complete Kitchen Facilities	Housing Units Lacking Complete Kitchen Facilities, Percent
Boone County, IA	12,017	444	3.69%
Iowa	1,407,819	35,156	2.50%
United States	138,432,751	3,689,695	2.67%

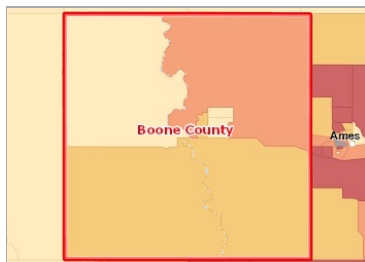


Housing Stock - Age

This indicator reports, for a given geographic area, the median year in which all housing units (vacant and occupied) were first constructed. The year the structure was built provides information on the age of housing units. These data help identify new housing construction and measures the disappearance of old housing from the inventory, when used in combination with data from previous years. This data also serves to aid in the development of formulas to determine substandard housing and provide assistance in forecasting future services, such as energy consumption and fire protection. There are a total 12,017 housing units in the report area, and the median year built is 1960.

Report Area	Total Housing Units	Median Year Structures Built
Boone County, IA	12,017	1960
Iowa	1,407,819	1970
United States	138,432,751	1978

Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Median Year Structure Built by Tract, ACS 2016-20

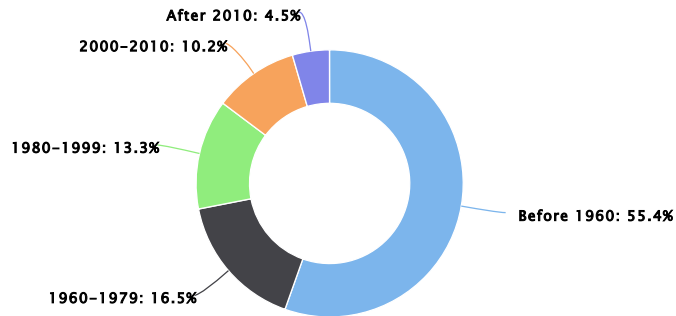
- Newer than 1985
- 1976 - 1985
- 1966 - 1975
- Older than 1966
- No Data or Data Suppressed
- Boone County, IA

Owner-Occupied Housing Units by Age, Percentage

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Boone County, IA	55.42%	16.51%	13.32%	10.24%	4.50%
Iowa	40.85%	23.63%	17.09%	12.44%	5.99%
United States	26.67%	24.32%	27.51%	15.54%	5.96%

Owner-Occupied Housing Units by Age, Percentage

Boone County, IA

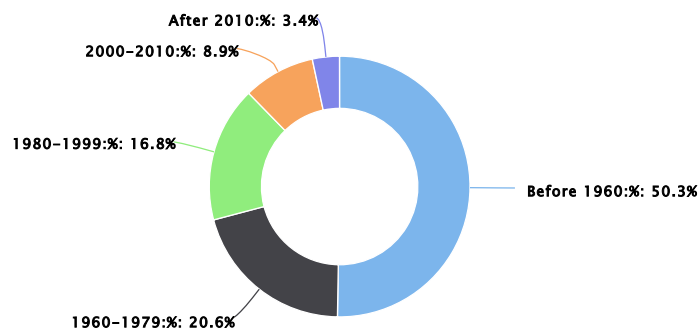


All Housing Units by Age (Time Period Constructed), Percentage

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Boone County, IA	50.27%	20.61%	16.82%	8.94%	3.36%
Iowa	40.29%	24.24%	18.05%	10.87%	6.55%
United States	27.40%	25.51%	27.24%	13.63%	6.21%

All Housing Units by Age (Time Period Constructed), Percentage

Boone County, IA



Renter-Occupied Housing Units by Age, Total

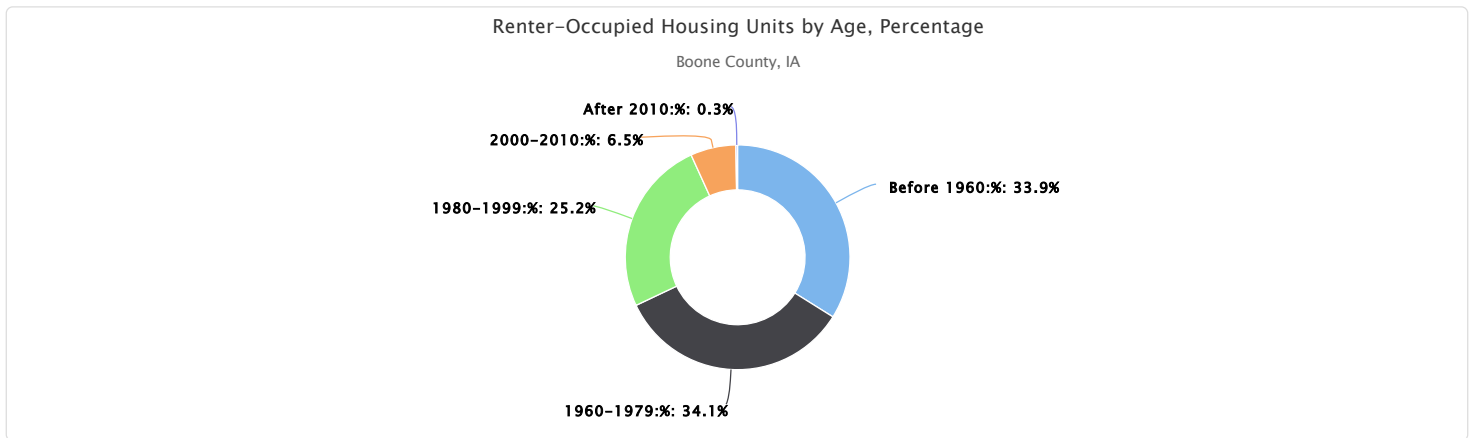
Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Boone County, IA	799	2,477	595	154	6
Iowa	130,071	341,193	78,988	29,692	30,067
United States	12,096,376	35,317,337	11,817,670	4,649,560	2,926,389

All Housing Units by Age (Time Period Constructed), Total

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Boone County, IA	6,041	2,477	2,021	1,074	404
Iowa	567,153	341,193	254,176	153,068	92,229
United States	37,930,406	35,317,337	37,714,151	18,872,283	8,598,574

Renter-Occupied Housing Units by Age, Percentage

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Boone County, IA	33.90%	34.07%	25.24%	6.53%	0.25%
Iowa	35.44%	26.75%	21.52%	8.09%	8.19%
United States	27.77%	27.70%	27.13%	10.68%	6.72%



Owner-Occupied Housing Units by Age, Total

Report Area	Before 1960	1960-1979	1980-1999	2000-2010	After 2010
Boone County, IA	4,680	1,394	1,125	865	380
Iowa	370,493	214,298	155,019	112,827	54,330
United States	21,018,699	19,164,361	21,678,488	12,243,987	4,695,841

Other Social & Economic Factors

Economic and social insecurity often are associated with poor health. Poverty, unemployment, and lack of educational achievement affect access to care and a community's ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to social and economic resources provides a foundation for a healthy community.

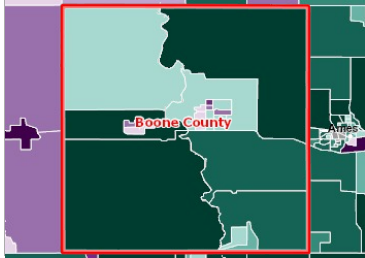
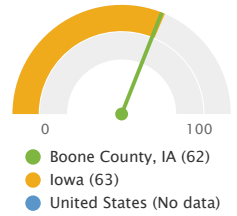
Area Deprivation Index

This indicator reports the average (population weighted) Area Deprivation Index (ADI) for the selected area. The Area Deprivation Index ranks neighborhoods and communities relative to all neighborhoods across the nation (National Percentile) or relative to other neighborhoods within just one state (State Percentile). The ADI is calculated based on 17 measures related to four primary domains (Education; Income & Employment; Housing; and Household Characteristics). The overall scores are measured on a scale of 1 to 100 where 1 indicates the lowest level of deprivation (least disadvantaged) and 100 is the highest level of deprivation (most disadvantaged).

Report Area	Total Population	State Percentile	National Percentile
Boone County, IA	26,381	49	62
Iowa	2,496,356	No data	63
United States	220,863,487	No data	No data

Note: This indicator is compared to the state average.
 Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Block Group

Area Deprivation Index Score (Average)



[View larger map](#)

Area Deprivation Index (2019), State Decile by Block Group, Neighborhood Atlas 2021



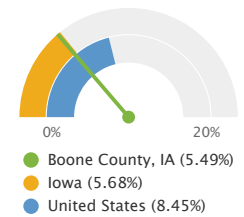
Households with No Motor Vehicle

This indicator reports the number and percentage of households with no motor vehicle based on the latest 5-year American Community Survey estimates. Of the 10,801 total households in the report area, 593 or 5.49% are without a motor vehicle.

Report Area	Total Occupied Households	Households with No Motor Vehicle	Households with No Motor Vehicle, Percent
Boone County, IA	10,801	593	5.49%
Iowa	1,273,941	72,384	5.68%
United States	122,354,219	10,344,521	8.45%

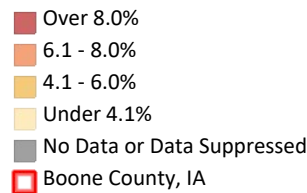
Note: This indicator is compared to the state average.
 Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract

Percentage of Households with No Motor Vehicle



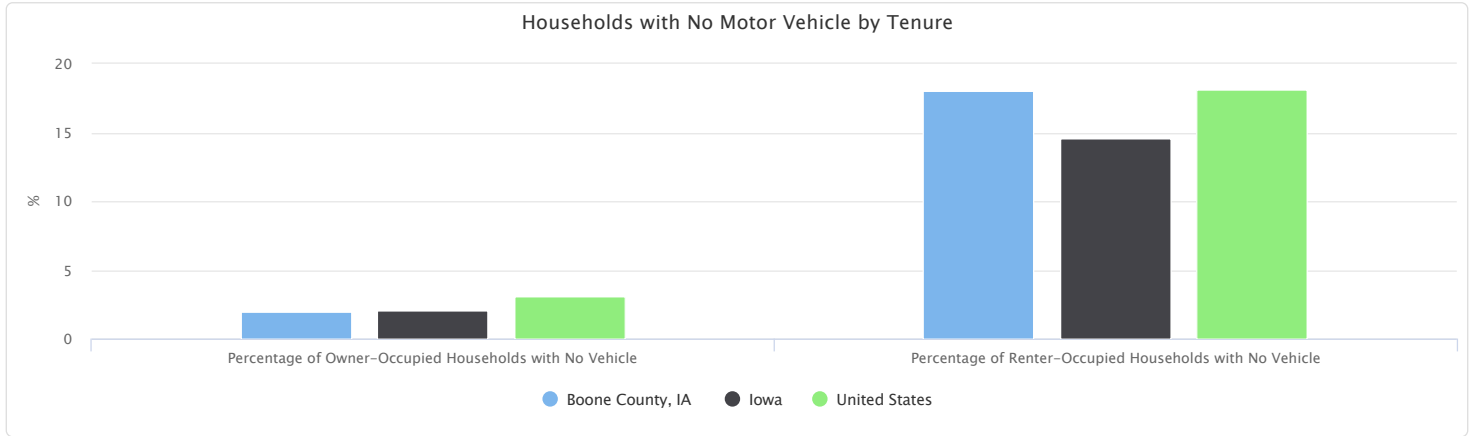
[View larger map](#)

Households with No Vehicle, Percent by Tract, ACS 2016-20



Households with No Motor Vehicle by Tenure

Report Area	Owner-Occupied Households	Owner-Occupied Households, Percent	Renter-Occupied Households	Renter-Occupied Households, Percent
Boone County, IA	167	1.98%	426	18.07%
Iowa	18,718	2.06%	53,666	14.62%
United States	2,457,633	3.12%	7,886,888	18.11%



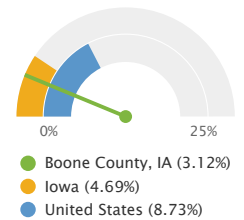
Insurance - Uninsured Population (ACS)

The lack of health insurance is considered a *key driver* of health status.

In the report area 3.12% of the total civilian non-institutionalized population are without health insurance coverage. The rate of uninsured persons in the report area is less than the state average of 4.69%. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population (For Whom Insurance Status is Determined)	Uninsured Population	Uninsured Population, Percent
Boone County, IA	25,998	810	3.12%
Iowa	3,106,492	145,633	4.69%
United States	321,525,041	28,058,903	8.73%

Uninsured Population, Percent



Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

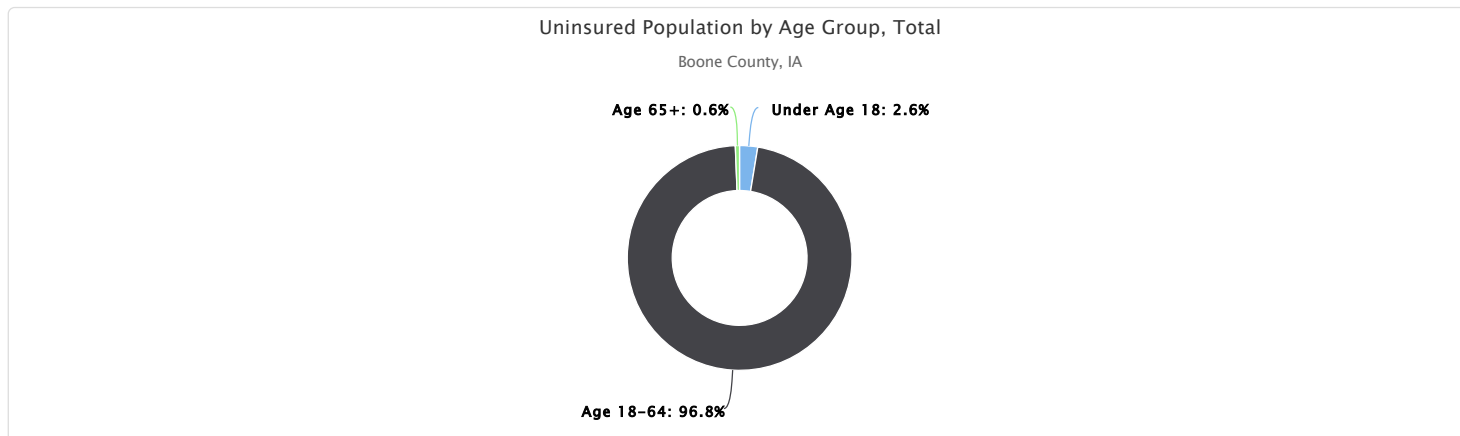
Uninsured Population, Percent by Tract, ACS 2016-20

- Over 20.0%
- 15.1 - 20.0%
- 10.1 - 15.0%
- Under 10.1%
- No Data or Data Suppressed
- Boone County, IA

Uninsured Population by Age Group, Total

This indicator reports the total uninsured population by age group.

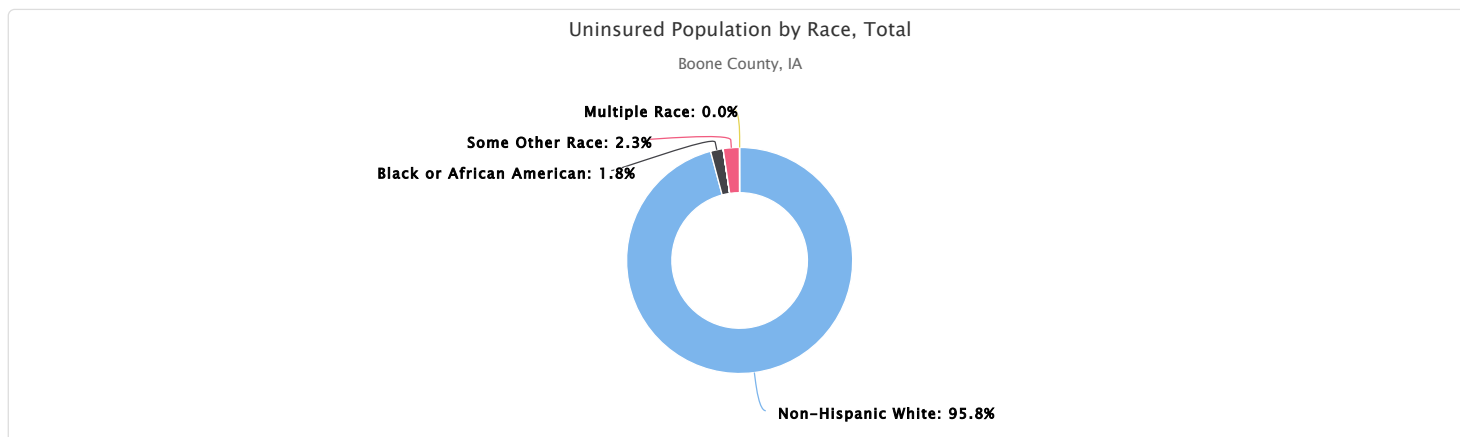
Report Area	Under Age 18	Age 18-64	Age 65+
Boone County, IA	21	784	5
Iowa	21,290	122,665	1,678
United States	4,016,835	23,640,483	401,585



Uninsured Population by Race, Total

This indicator reports the total uninsured population by race alone.

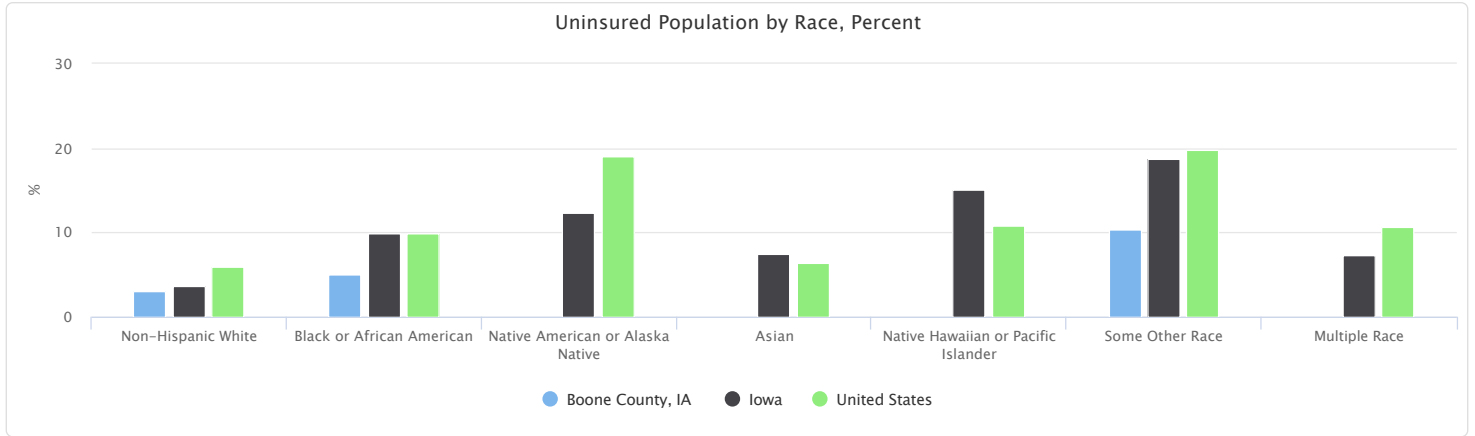
Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	739	14	0	0	0	18	0
Iowa	96,702	11,112	1,249	5,923	589	7,431	6,745
United States	11,475,294	3,972,510	497,979	1,179,390	64,404	3,281,019	1,776,683



Uninsured Population by Race, Percent

This indicator reports the percentage of uninsured population by race alone.

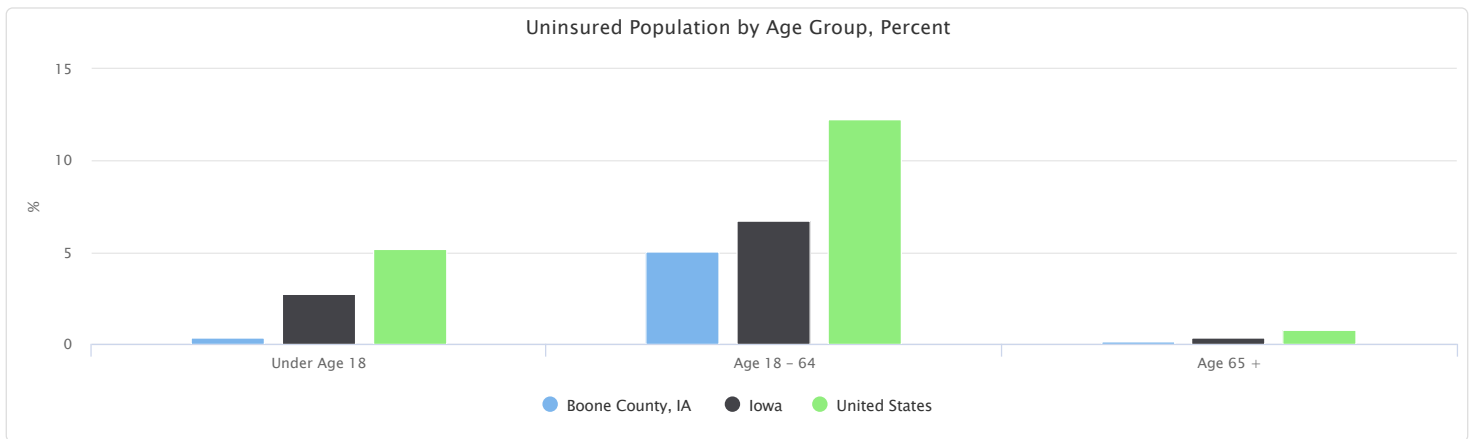
Report Area	Non-Hispanic White	Black or African American	Native American or Alaska Native	Asian	Native Hawaiian or Pacific Islander	Some Other Race	Multiple Race
Boone County, IA	3.01%	5.04%	0.00%	0.00%	0.00%	10.34%	0.00%
Iowa	3.66%	9.86%	12.33%	7.50%	15.01%	18.76%	7.32%
United States	5.93%	9.94%	18.99%	6.44%	10.79%	19.79%	10.67%



Uninsured Population by Age Group, Percent

This indicator reports the percentage of uninsured population by age group.

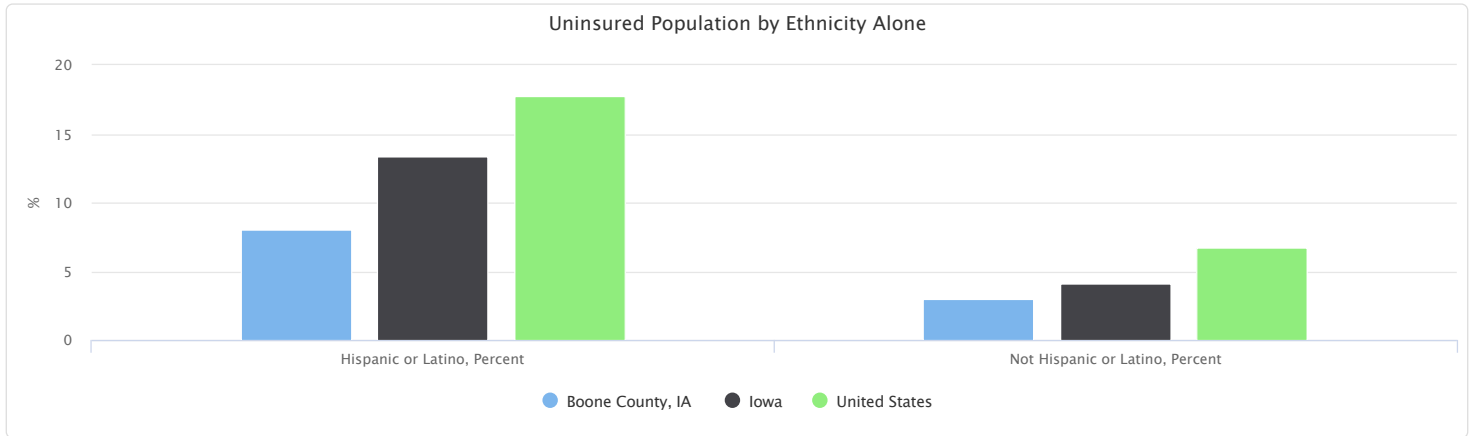
Report Area	Under Age 18	Age 18 - 64	Age 65 +
Boone County, IA	0.35%	5.07%	0.11%
Iowa	2.76%	6.74%	0.33%
United States	5.18%	12.26%	0.79%



Uninsured Population by Ethnicity Alone

This indicator reports the uninsured population by ethnicity alone.

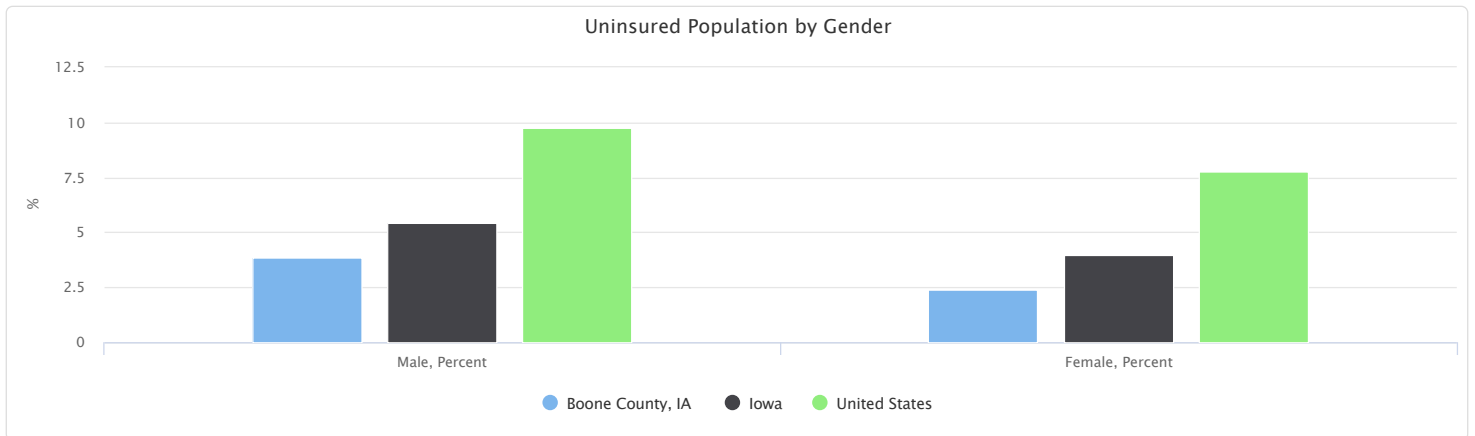
Report Area	Hispanic or Latino	Not Hispanic or Latino	Hispanic or Latino, Percent	Not Hispanic or Latino, Percent
Boone County, IA	57	753	8.04%	2.98%
Iowa	25,703	119,930	13.33%	4.12%
United States	10,382,464	17,676,439	17.72%	6.72%



Uninsured Population by Gender

This indicator reports the uninsured population by gender.

Report Area	Male	Female	Male, Percent	Female, Percent
Boone County, IA	501	309	3.86%	2.38%
Iowa	83,521	62,112	5.43%	3.96%
United States	15,300,004	12,758,899	9.74%	7.76%

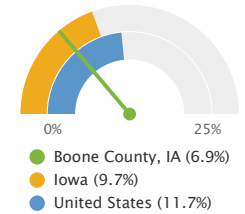


SNAP Benefits - Population Receiving SNAP (SAIPE)

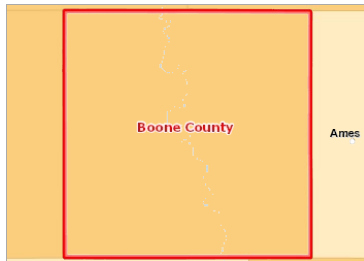
The Supplemental Nutrition Assistance Program, or SNAP, is a federal program that provides nutrition benefits to low-income individuals and families that are used at stores to purchase food. This indicator reports the average percentage of the population receiving SNAP benefits during the month of July during the most recent report year.

Report Area	Total Population	Population Receiving SNAP Benefits	Population Receiving SNAP Benefits, Percent
Boone County, IA	26,234.00	1,812	6.9%
Iowa	3,155,070.00	307,043	9.7%
United States	328,239,523.00	38,537,386	11.7%

Percentage of Total Population Receiving SNAP Benefits

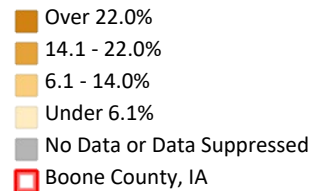


Note: This indicator is compared to the state average.
 Data Source: US Census Bureau, *Small Area Income and Poverty Estimates*, 2019. Source geography: County



[View larger map](#)

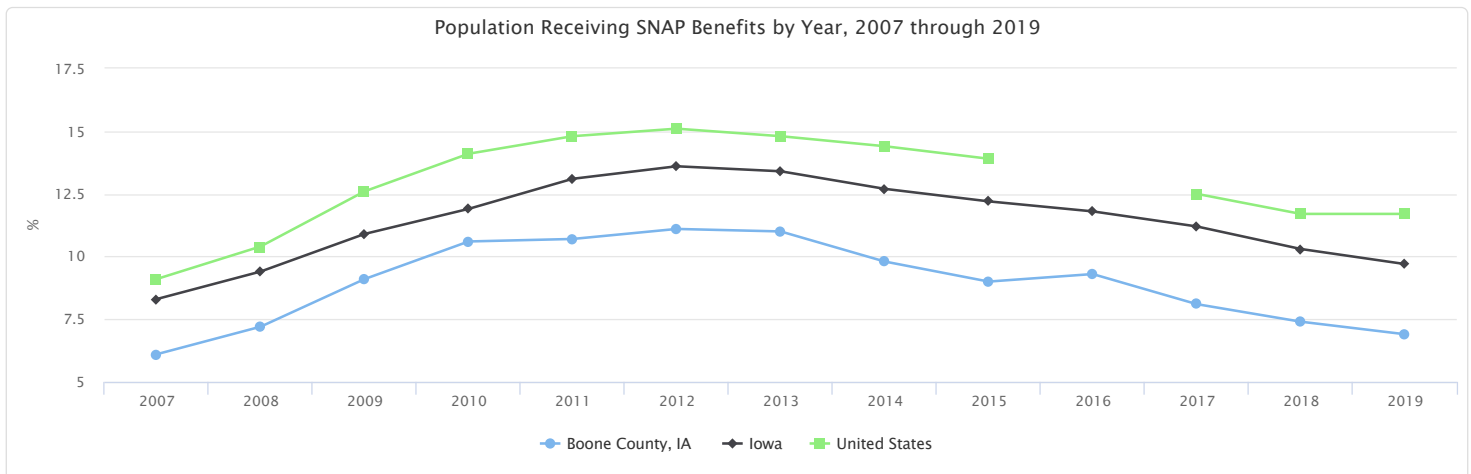
Population Receiving SNAP Benefits, Percent by County, SAIPE 2019



Population Receiving SNAP Benefits by Year, 2007 through 2019

The table below reports local, state, and National trends in SNAP participation rates.

Report Area	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	6.1%	7.2%	9.1%	10.6%	10.7%	11.1%	11.0%	9.8%	9.0%	9.3%	8.1%	7.4%	6.9%
Iowa	8.3%	9.4%	10.9%	11.9%	13.1%	13.6%	13.4%	12.7%	12.2%	11.8%	11.2%	10.3%	9.7%
United States	9.1%	10.4%	12.6%	14.1%	14.8%	15.1%	14.8%	14.4%	13.9%	No data	12.5%	11.7%	11.7%



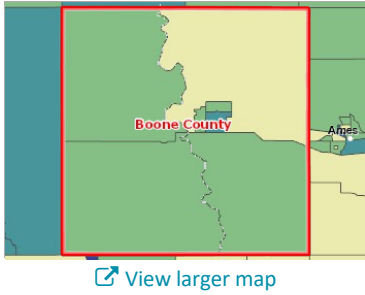
Social Vulnerability Index

The degree to which a community exhibits certain social conditions, including high poverty, low percentage of vehicle access, or crowded households, may affect that community's ability to prevent human suffering and financial loss in the event of disaster. These factors describe a community's social vulnerability.

The social vulnerability index is a measure of the degree of social vulnerability in counties and neighborhoods across the United States, where a higher score indicates higher vulnerability. The report area has a social vulnerability index score of 0.12, which is less than the state average of 0.29.

Report Area	Total Population	Socioeconomic Theme Score	Household Composition Theme Score	Minority Status Theme Score	Housing & Transportation Theme Score	Social Vulnerability Index Score
Boone County, IA	26,399	0.07	0.20	0.24	0.36	0.12
Iowa	3,132,499	0.21	0.34	0.50	0.46	0.29
United States	322,903,030	0.30	0.32	0.76	0.62	0.40

Note: This indicator is compared to the state average.
 Data Source: Centers for Disease Control and Prevention and the National Center for Health Statistics, CDC - GRASP, 2018. Source geography: Tract



Social Vulnerability Index by Tract, CDC 2018

- 0.81 - 1.00 (Highest Vulnerability)
- 0.61 - 0.80
- 0.41 - 0.60
- 0.21 - 0.40
- 0.00 - 0.20 (Lowest Vulnerability)
- No Data or Data Suppressed
- Boone County, IA

Teen Births

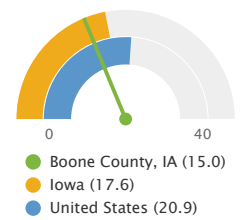
This indicator reports the seven-year average number of births per 1,000 female population age 15-19. Data were from the National Center for Health Statistics - Natality files (2013-2019) and are used for the 2021 County Health Rankings.

In the report area, of the 5,058 total female population age 15-19, the teen birth rate is 15.0 per 1,000, which is less than the state's teen birth rate of 17.6.

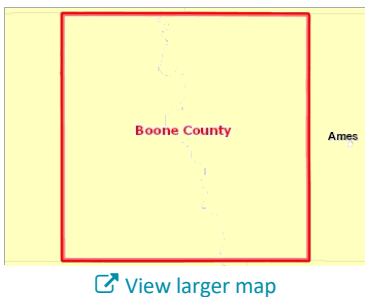
Note: Data are suppressed for counties with fewer than 10 teen births in the time frame.

Report Area	Female Population Age 15-19	Teen Births, Rate per 1,000 Female Population Age 15-19
Boone County, IA	5,058	15.0
Iowa	1,458,730	17.6
United States	144,319,360	20.9

Teen birth rate per 1,000 female population, ages 15-19



Note: This indicator is compared to the state average.
 Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via County Health Rankings, 2013-2019. Source geography: County



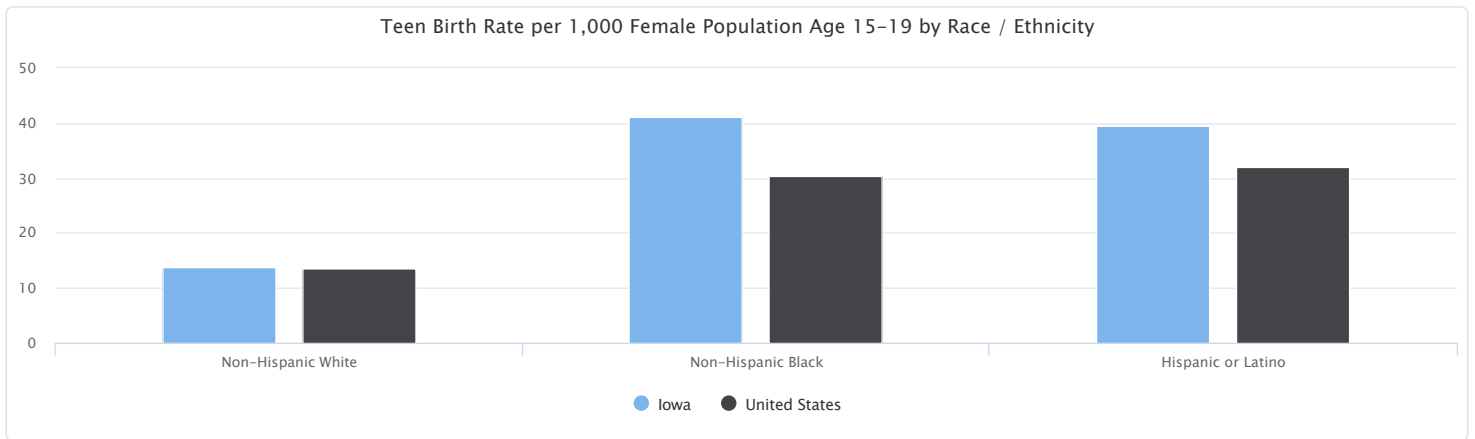
Teen Births, Rate Per 1,000 Live Births by County, CDC NVSS 2013-2019

- Over 54.0
- 40.1 - 54.0
- 26.1 - 40.0
- Under 26.1
- No Data or Data Suppressed
- Boone County, IA

Teen Birth Rate per 1,000 Female Population Age 15-19 by Race / Ethnicity

This indicator reports the 2013-2019 seven-year average teen birth rate per 1,000 female population age 15-19 by race / ethnicity.

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic or Latino
Boone County, IA	No data	No data	No data
Iowa	13.9	41.2	39.5
United States	13.6	30.3	32.1



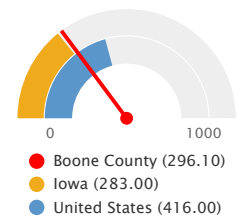
Violent Crime - Total

Violent crime includes homicide, rape, robbery, and aggravated assault.

Within the report area, the 3 year total of reported violent crimes was 259, which equates to an annual rate of 296.10 crimes per 100,000 people, higher than the statewide rate of 283.00.

Report Area	Total Population	Violent Crimes, 3-year Total	Violent Crimes, Annual Rate (Per 100,000 Pop.)
Boone County, IA	29,153	259	296.10
Iowa	3,162,071	26,851	283.00
United States	366,886,849	4,579,031	416.00

Violent Crimes, Annual Rate (Per 100,000 Pop.)



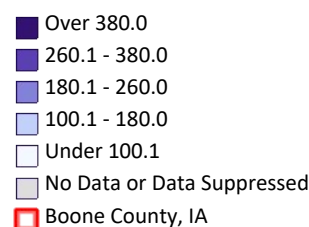
Note: This indicator is compared to the state average.

Data Source: Federal Bureau of Investigation, *FBI Uniform Crime Reports*. Additional analysis by the *National Archive of Criminal Justice Data*. Accessed via the *Inter-university Consortium for Political and Social Research*. 2014; 2016. Source geography: County



[View larger map](#)

Violent Crimes, All, Rate (Per 100,000 Pop.) by County, FBI UCR 2014; 2016



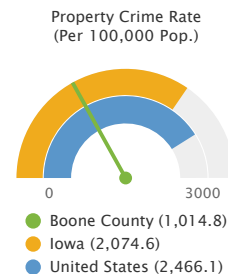
Property Crime - Total

This indicator reports the rate of property crime offenses reported by law enforcement per 100,000 residents. Property crimes include burglary, larceny-theft, motor vehicle theft, and arson. This indicator is relevant because it assesses community safety.

In the report area, 269 property crimes occurred in 2014 and 2016 (two years). The property crime rate of 1,014.8 per 100,000 residents is lower than the statewide rate of 2,074.6 per 100,000.

Note: Data are suppressed for counties if, for both years of available data, the population reported by agencies is less than 50% of the population reported in Census or less than 80% of agencies measuring crimes reported data.

Report Area	Total Population	Property Crimes, Annual Average	Property Crimes, Annual Rate (Per 100,000 Pop.)
Boone County, IA	26,557	269	1,014.8
Iowa	3,120,883	64,724	2,074.6
United States	321,015,117	7,915,583	2,466.1



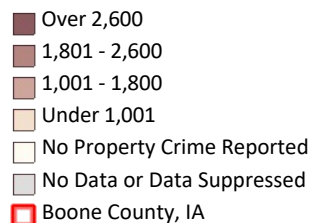
Note: This indicator is compared to the state average.

Data Source: Federal Bureau of Investigation, FBI Uniform Crime Reports. Additional analysis by the National Archive of Criminal Justice Data. Accessed via the Inter-university Consortium for Political and Social Research. 2014&2016. Source geography: County



[View larger map](#)

Property Crimes, All, Rate (Per 100,000 Pop.) by County, FBI UCR 2014; 2016

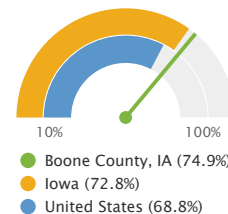


Voter Participation Rate

This indicator reports the percentage of the adult population that voted in the national elections on November 2, 2020. Results are preliminary as of December 14, 2020. Voter participation rates are calculated as a percentage of the voting age population (age 18+) and not as a percentage of registered voters. In the 2020 election, of the report area's 20,479 voting age population, 15,340 or 74.9% have cast a vote.

Report Area	Total Citizens Age 18+	Total Votes Cast	Voter Participation Rate
Boone County, IA	20,479	15,340	74.9%
Iowa	2,321,084	1,690,871	72.8%
United States	230,428,731	158,433,557	68.8%

Voter Participation Rate 2020



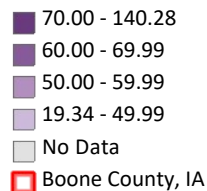
Note: This indicator is compared to the state average.

Data Source: Townhall.com Election Results. 2020. Source geography: County



[View larger map](#)

Voter Turnout, Rate by County, GitHub.com 2020

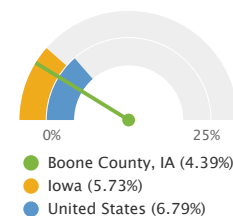


Young People Not in School and Not Working

This indicator reports the percentage of youth age 16-19 who are not currently enrolled in school and who are not employed. The report area has a total population of 1,367 between the ages, of which 60 are not in school and not employed.

Report Area	Population Age 16-19	Population Age 16-19 Not in School and Not Employed	Population Age 16-19 Not in School and Not Employed, Percent
Boone County, IA	1,367	60	4.39%
Iowa	172,727	9,895	5.73%
United States	16,992,661	1,153,005	6.79%

Population Age 16-19 Not in School and Not Employed, Percent



Note: This indicator is compared to the state average.
Data Source: US Census Bureau, American Community Survey, 2016-20. Source geography: Tract



[View larger map](#)

Youths Not Enrolled in School and Not Employed, Percent by Tract, ACS 2016-20

- Over 20.0%
- 15.1 - 20.0%
- 10.1 - 15.0%
- 5.1 - 10.0%
- Under 5.1%
- No Data or Data Suppressed
- Boone County, IA

Physical Environment

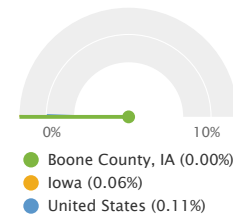
A community's health also is affected by the physical environment. A safe, clean environment that provides access to healthy food and recreational opportunities is important to maintaining and improving community health.

Air & Water Quality - Particulate Matter 2.5

This indicator reports the percentage of days with particulate matter 2.5 levels above the National Ambient Air Quality Standard (35 micrograms per cubic meter) per year, calculated using data collected by monitoring stations and modeled to include counties where no monitoring stations occur. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.

Report Area	Total Population (2020)	Average Daily Ambient Particulate Matter 2.5	Days Exceeding Emissions Standards	Days Exceeding Standards, Percent (Crude)	Days Exceeding Standards, Percent (Weighted)
Boone County, IA	26,715	7.48	0	0.00	0.00%
Iowa	3,190,369	7.68	0	0.00	0.06%
United States	329,148,493	8.26	0	0.00	0.11%

Days Exceeding Standards, Percent (Weighted)

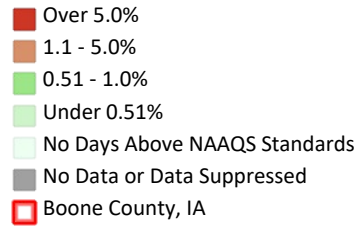


Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, CDC - National Environmental Public Health Tracking Network, 2016. Source geography: Tract



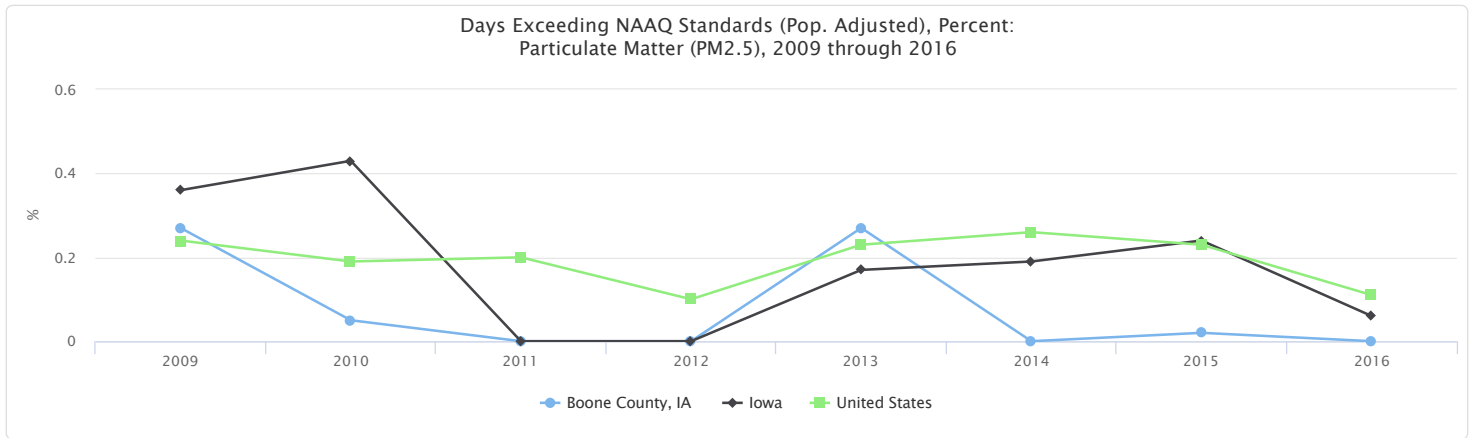
[View larger map](#)

Fine Particulate Matter Levels (PM 2.5), Percentage of Days Above NAAQ Standards by Tract, NEPHTN 2016



Days Exceeding NAAQ Standards (Pop. Adjusted), Percent: Particulate Matter (PM2.5), 2009 through 2016

Report Area	2009	2010	2011	2012	2013	2014	2015	2016
Boone County, IA	0.27%	0.05%	0.00%	0.00%	0.27%	0.00%	0.02%	0.00%
Iowa	0.36%	0.43%	0.00%	0.00%	0.17%	0.19%	0.24%	0.06%
United States	0.24%	0.19%	0.20%	0.10%	0.23%	0.26%	0.23%	0.11%



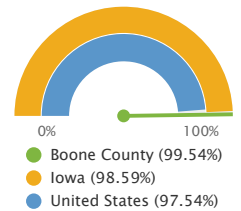
Built Environment - Broadband Access

This indicator reports the percentage of population with access to high-speed internet. Data are based on the reported service area of providers offering download speeds of 25 MBPS or more and upload speeds of 3 MBPS or more. This data represent both wireline and fixed/terrestrial wireless internet providers. Cellular internet providers are not included.

Report Area	Total Population (2020)	Access to DL Speeds > 25MBPS (2020)
Boone County, IA	26,277	99.54%
Iowa	3,163,416	98.59%
United States	332,650,128	97.54%

Note: This indicator is compared to the state average.
Data Source: National Broadband Map, Dec 2020. Source geography: Tract

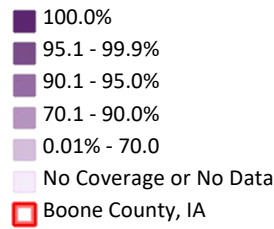
Percentage of Population with Access to Broadband Internet (DL Speeds > 25MBPS)





[View larger map](#)

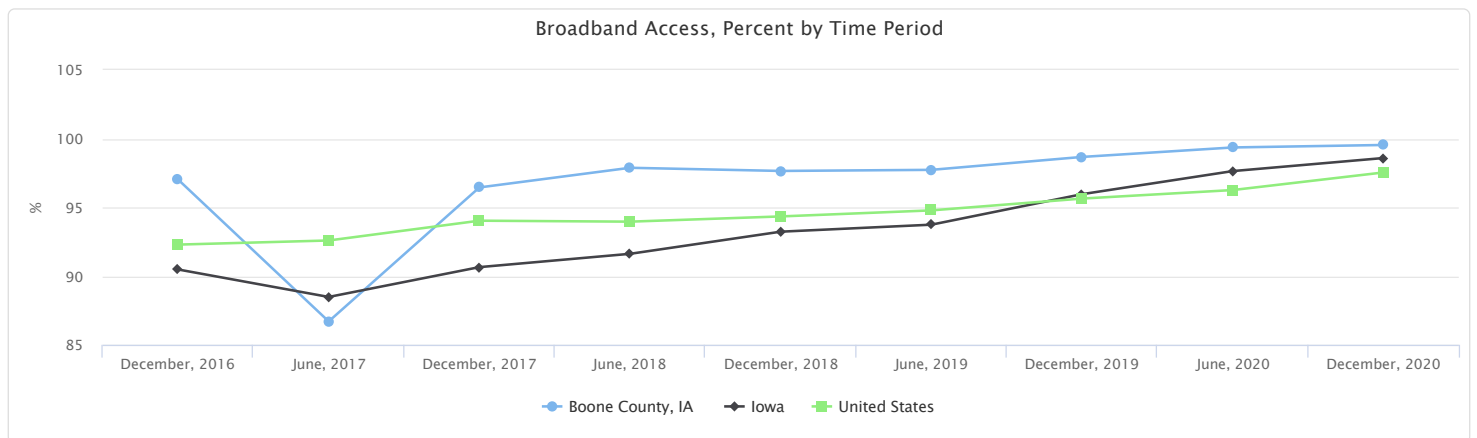
Broadband Access, Pct. Population in a High-Speed Internet Service Area by County, FCC Dec 2020



Broadband Access, Percent by Time Period

The table below displays temporal trends in high-speed internet availability as the percent of the population with access to broadband in the indicated area.

Report Area	December, 2016	June, 2017	December, 2017	June, 2018	December, 2018	June, 2019	December, 2019	June, 2020	December, 2020
Boone County, IA	97.03%	86.70%	96.45%	97.88%	97.65%	97.73%	98.67%	99.36%	99.54%
Iowa	90.48%	88.48%	90.65%	91.62%	93.23%	93.74%	95.96%	97.64%	98.59%
United States	92.29%	92.59%	94.03%	93.96%	94.34%	94.78%	95.64%	96.26%	97.54%

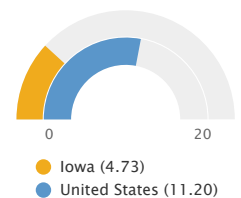


Built Environment - Liquor Stores

This indicator reports the number of establishments in the report area primarily engaged in retailing packaged alcoholic beverages, such as ale, beer, wine, and liquor. The number of liquor stores per 100,000 population provides a measure of environmental influences on dietary behaviors and the accessibility of healthy foods. Note this data excludes establishments preparing and serving alcohol for consumption on premises (including bars and restaurants) or which sell alcohol as a secondary retail product (including gas stations and grocery stores).

Report Area	Total Population (2010)	Number of Establishments	Establishments, Rate per 100,000 Population
Boone County, IA	26,306	Suppressed	Suppressed
Iowa	3,046,355	144	4.73
United States	308,745,538	34,576	11.20

Liquor Stores, Rate per 100,000 Population



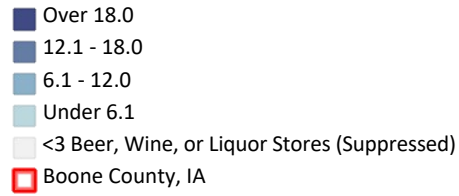
Note: This indicator is compared to the state average.

Data Source: US Census Bureau, *County Business Patterns*. Additional data analysis by CARES. 2019. Source geography: County



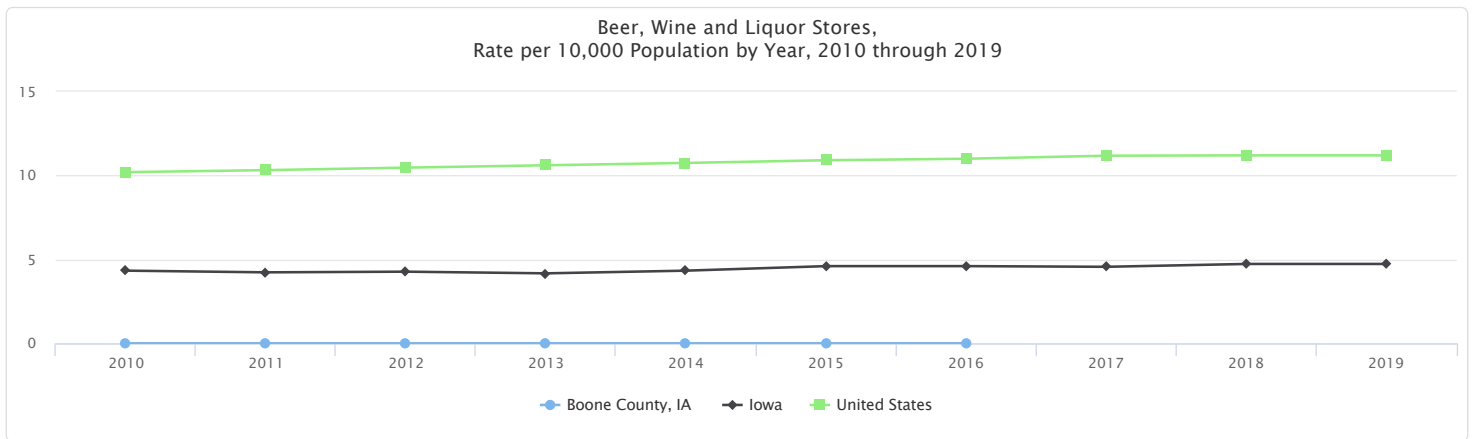
[View larger map](#)

Beer, Wine and Liquor Stores, Rate (Per 100,000 Pop.) by County, CBP 2019



Beer, Wine and Liquor Stores, Rate per 10,000 Population by Year, 2010 through 2019

Report Area	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	0	0	0	0	0	0	0	No data	No data	No data
Iowa	4.33	4.23	4.27	4.17	4.33	4.6	4.6	4.56	4.73	4.73
United States	10.2	10.32	10.47	10.61	10.75	10.91	11	11.18	11.2	11.2

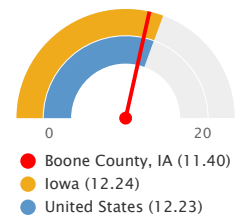


Built Environment - Recreation and Fitness Facility Access

Access to recreation and fitness facilities encourages physical activity and other healthy behaviors. The report area includes 3 establishments primarily engaged in operating fitness and recreational sports facilities featuring exercise and other active physical fitness conditioning or recreational sports activities, such as swimming, skating, or racquet sports.

Report Area	Total Population (2010)	Number of Establishments	Establishments, Rate per 100,000 Population
Boone County, IA	26,306	3	11.40
Iowa	3,046,355	373	12.24
United States	308,745,538	37,758	12.23

Recreation and Fitness Facilities, Rate per 100,000 Population

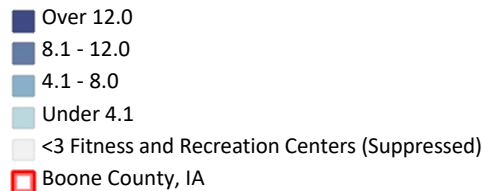


Note: This indicator is compared to the state average.
 Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2019. Source geography: County



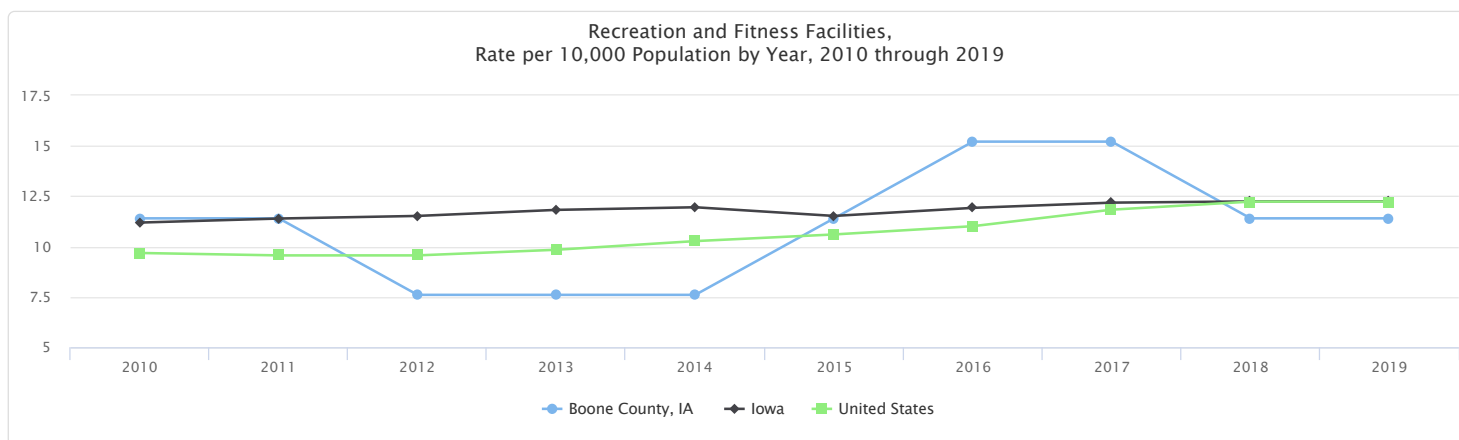
[View larger map](#)

Recreation and Fitness Facilities, Rate (Per 100,000 Pop.) by County, CBP 2019



Recreation and Fitness Facilities, Rate per 10,000 Population by Year, 2010 through 2019

Report Area	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	11.4	11.4	7.6	7.6	7.6	11.4	15.21	15.21	11.4	11.4
Iowa	11.19	11.39	11.52	11.82	11.95	11.52	11.92	12.18	12.24	12.24
United States	9.68	9.56	9.56	9.84	10.27	10.6	11.01	11.83	12.23	12.23

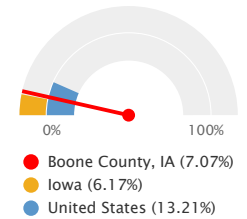


Climate & Health - Drought Severity

Drought is defined as a moisture deficit bad enough to have social, environmental or economic effects. The Drought Monitor map identifies areas of drought and labels them by intensity¹. D1 is the least intense level and D4 the most intense. In the report area, 7.07% of weeks during the 2017-2019 period were spent in drought (any level). An additional 11.87% of weeks were categorized spent in "abnormally dry conditions" (D0) indicating that drought could occur, or that the area is recovering from drought but are not yet back to normal.

Report Area	Time Period	Weeks in D0 (Abnormally Dry), Percent	Weeks in D1 (Moderate Drought), Percent	Weeks in D2 (Severe Drought), Percent	Weeks in D3 (Extreme Drought), Percent	Weeks in D4 (Exceptional Drought), Percent	Weeks in Drought (Any), Percent
Boone County, IA	2017-2019	11.87%	7.07%	0.00%	0.00%	0.00%	7.07%
Iowa	2017-2019	15.37%	5.45%	0.58%	0.13%	0.00%	6.17%
United States	2017-2019	16.22%	7.81%	4.49%	0.83%	0.08%	13.21%

Weeks in Drought (Any), Percent

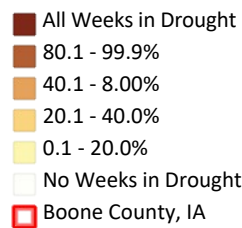


Note: This indicator is compared to the state average.
 Data Source: US Drought Monitor, 2017-2019. Source geography: Tract



[View larger map](#)

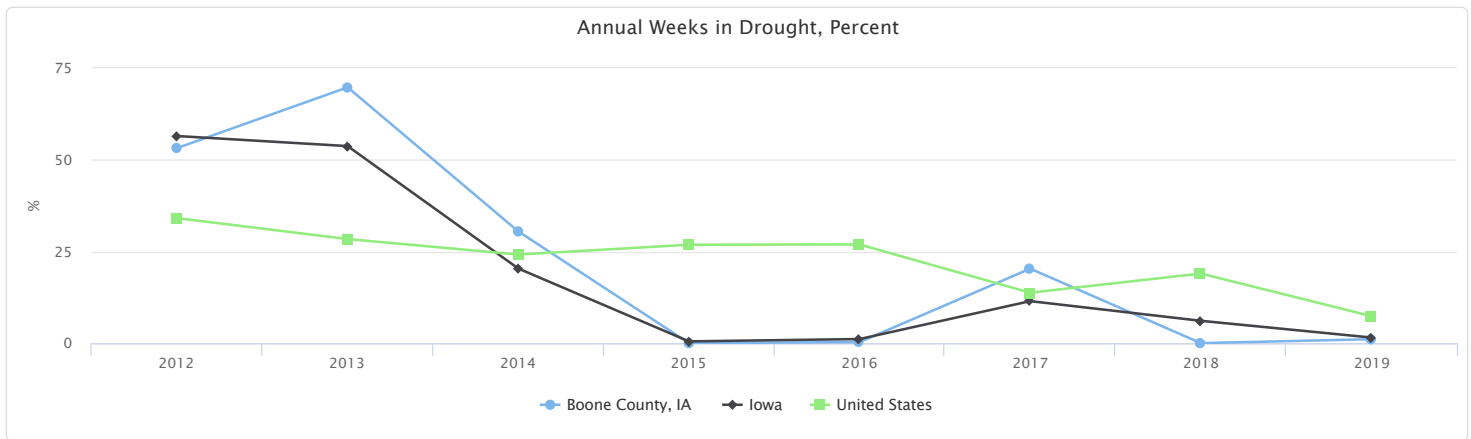
Drought - Weeks in Drought (Any), Percent by Tract, US Drought Monitor 2017-2019



Annual Weeks in Drought, Percent

Data reported is the population-weighted percentage of weeks in drought for each calendar year, beginning January 1, 2012.

Report Area	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	53.23%	69.81%	30.49%	0.00%	0.28%	20.32%	0.00%	1.07%
Iowa	56.52%	53.77%	20.36%	0.48%	1.11%	11.46%	6.09%	1.52%
United States	34.11%	28.40%	24.18%	26.85%	26.93%	13.76%	18.99%	7.36%



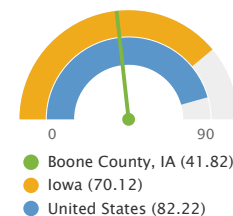
Food Environment - Fast Food Restaurants

This indicator reports the number of fast food restaurants per 100,000 population. The prevalence of fast food restaurants provides a measure of both access to healthy food and environmental influences on dietary behaviors. Fast food restaurants are defined as limited-service establishments primarily engaged in providing food services (except snack and nonalcoholic

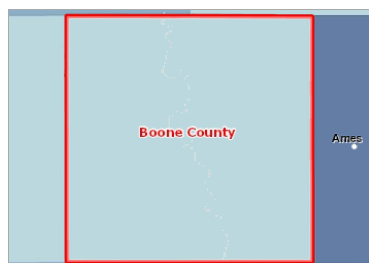
beverage bars) where patrons generally order or select items and pay before eating.

Report Area	Total Population (2010)	Number of Establishments	Establishments, Rate per 100,000 Population
Boone County, IA	26,306	11	41.82
Iowa	3,046,355	2,136	70.12
United States	308,745,538	253,841	82.22

Fast Food Restaurants, Rate per 100,000 Population

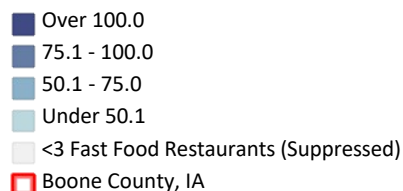


Note: This indicator is compared to the state average.
Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2019. Source geography: County



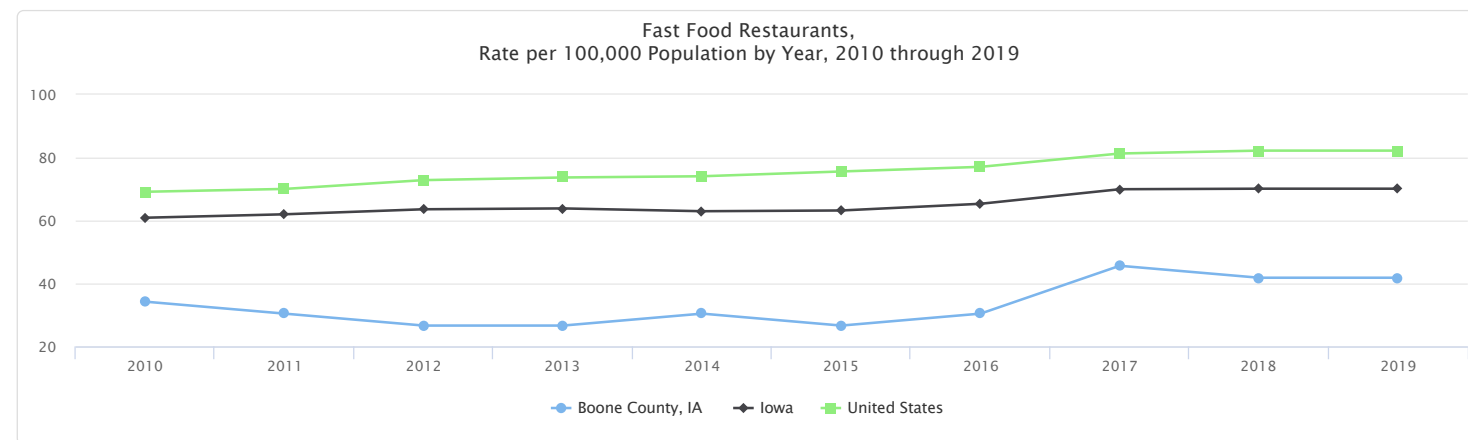
[View larger map](#)

Fast Food Restaurants, Rate (Per 100,000 Pop.) by County, CBP 2019



Fast Food Restaurants, Rate per 100,000 Population by Year, 2010 through 2019

Report Area	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	34.21	30.41	26.61	26.61	30.41	26.61	30.41	45.62	41.82	41.82
Iowa	60.89	61.98	63.58	63.85	62.96	63.19	65.32	69.95	70.12	70.12
United States	69.14	70.04	72.84	73.68	74.07	75.59	77.06	81.3	82.22	82.22



Food Environment - Food Desert Census Tracts

This indicator reports the number of neighborhoods in the report area that are within food deserts. The USDA Food Access Research Atlas defines a food desert as any neighborhood that lacks healthy food sources due to income level, distance to supermarkets, or vehicle access. The report area has a population of 0 living in food deserts and a total of 0 census tracts classified as food deserts by the USDA.

Report Area	Total Population (2010)	Food Desert Census Tracts	Other Census Tracts	Food Desert Population	Other Population
Boone County, IA	26,306	0	7	0	7
Iowa	3,046,355	85	738	313,703	510,672
United States	308,745,538	9,293	63,238	39,074,974	81,328,997

Data Source: US Department of Agriculture, Economic Research Service, USDA - Food Access Research Atlas. 2019. Source geography: Tract



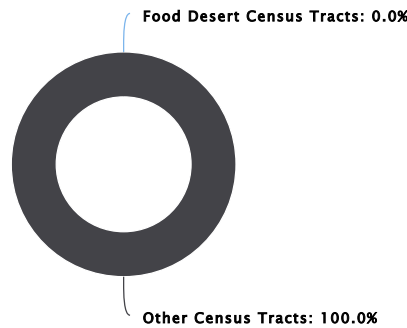
[View larger map](#)

Food Desert Census Tracts, 1 Mi. / 10 Mi. by Tract, USDA - FARA 2019

- Food Desert
- Not a Food Desert
- No Data
- Boone County, IA

Food Environment – Food Desert Census Tracts

Boone County, IA

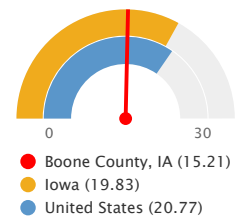


Food Environment - Grocery Stores

Healthy dietary behaviors are supported by access to healthy foods, and Grocery Stores are a major provider of these foods. There are 4 grocery establishments in the report area, a rate of 15.21 per 100,000 population. Grocery stores are defined as supermarkets and smaller grocery stores primarily engaged in retailing a general line of food, such as canned and frozen foods; fresh fruits and vegetables; and fresh and prepared meats, fish, and poultry. Delicatessen-type establishments are also included. Convenience stores and large general merchandise stores that also retail food, such as supercenters and warehouse club stores, are excluded.

Report Area	Total Population (2010)	Number of Establishments	Establishments, Rate per 100,000 Population
Boone County, IA	26,306	4	15.21
Iowa	3,046,355	604	19.83
United States	308,745,538	64,132	20.77

Grocery Stores, Rate per 100,000 Population



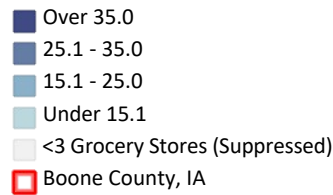
Note: This indicator is compared to the state average.

Data Source: US Census Bureau, County Business Patterns. Additional data analysis by CARES. 2019. Source geography: County



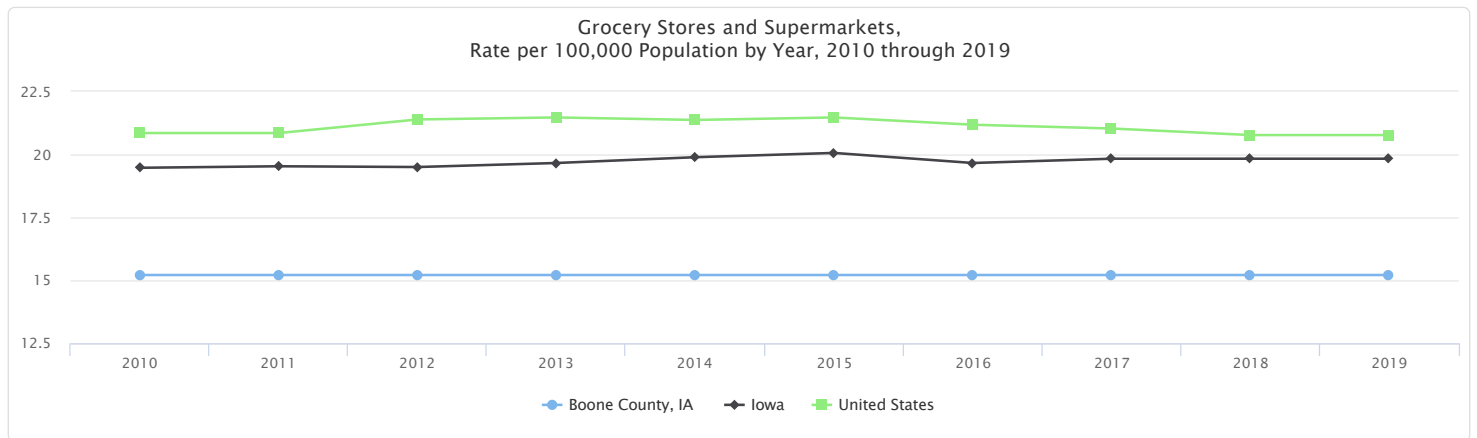
[View larger map](#)

Grocery Stores and Supermarkets, Rate (Per 100,000 Pop.) by County, CBP 2019



Grocery Stores and Supermarkets, Rate per 100,000 Population by Year, 2010 through 2019

Report Area	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	15.21	15.21	15.21	15.21	15.21	15.21	15.21	15.21	15.21	15.21
Iowa	19.47	19.53	19.5	19.66	19.89	20.06	19.66	19.83	19.83	19.83
United States	20.85	20.85	21.39	21.47	21.37	21.47	21.18	21.03	20.77	20.77

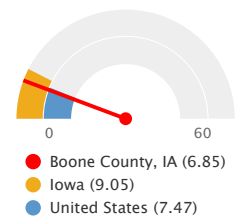


Food Environment - SNAP-Authorized Food Stores

This indicator reports the number of SNAP-authorized food stores as a rate per 10,000 population. SNAP-authorized stores include grocery stores as well as supercenters, specialty food stores, and convenience stores that are authorized to accept SNAP (Supplemental Nutrition Assistance Program) benefits. The report area contains a total of 18 SNAP-authorized retailers with a rate of 6.85.

Report Area	Total Population (2020)	Total SNAP-Authorized Retailers	SNAP-Authorized Retailers, Rate per 10,000 Population
Boone County, IA	26,277	18	6.85
Iowa	3,163,416	2,864	9.05
United States	332,898,996	248,526	7.47

SNAP-Authorized Retailers, Rate (Per 10,000 Population)



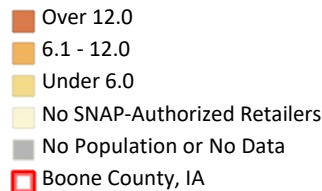
Note: This indicator is compared to the state average.

Data Source: US Department of Agriculture, Food and Nutrition Service, USDA - SNAP Retailer Locator. Additional data analysis by CARES. 2021. Source geography: Tract



[View larger map](#)

SNAP-Authorized Retailers Access, Rate per 10,000 Population by Tract, USDA 2021



Clinical Care and Prevention

A lack of access to care presents barriers to good health. Supply of facilities and physicians, the rate of uninsurance, financial hardship, transportation barriers, cultural competency, and coverage limitations affect access.

Rates of morbidity, mortality, and emergency hospitalizations can be reduced if community residents access services such as health screenings, routine tests, and vaccinations. Prevention indicators can call attention to a lack of access or knowledge regarding one or more health issues and can inform program interventions.

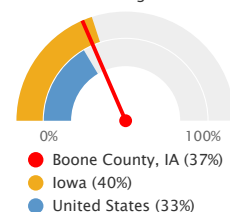
Cancer Screening - Mammogram (Medicare)

This indicator reports the percentage of female Medicare beneficiaries age 35 and older who had a mammogram in most recent reporting year. The American Cancer Society recommends that women age 45 to 54 should get a mammogram every year, and women age 55 and older should get a mammogram every other year. In the latest reporting period there were 5,722 Medicare beneficiaries in the report area, and 37% of female beneficiaries age 35 or older had a mammogram in the past year. The rate in the report area was lower than the state rate of 40% during the same time period.

Report Area	Medicare Beneficiaries	Female Beneficiaries with Recent Mammogram, Percent
Boone County, IA	5,722	37%
Iowa	600,549	40%
United States	57,235,207	33%

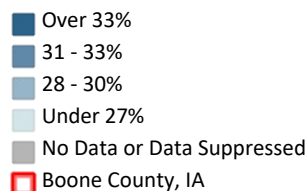
Note: This indicator is compared to the state average.
Data Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities Tool, 2019. Source geography: County

Percentage of Female Medicare Beneficiaries Age 35+ with Recent Mammogram



[View larger map](#)

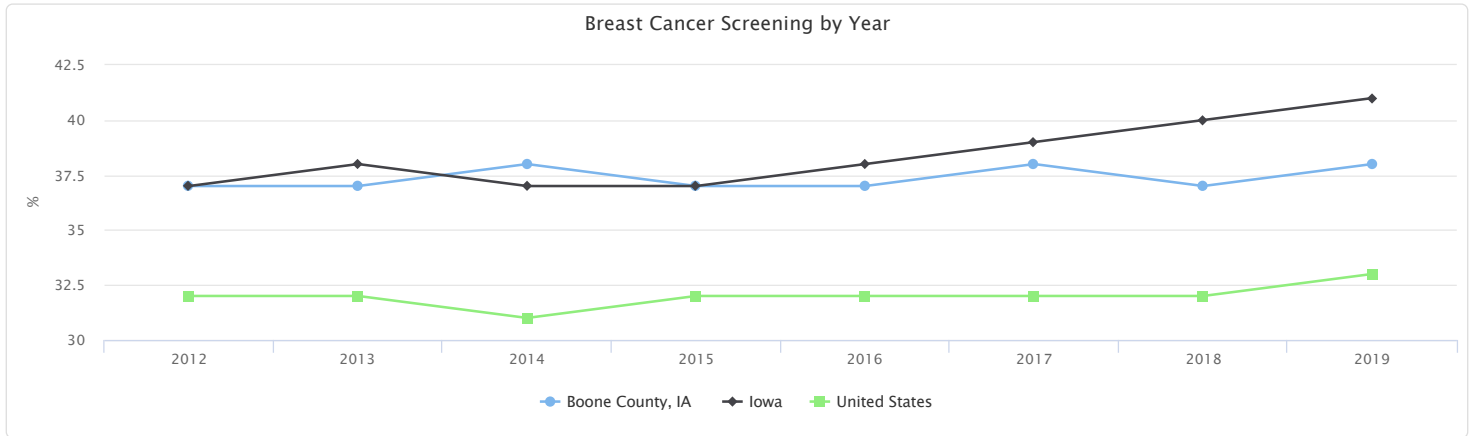
Mammogram, Medicare Beneficiaries, Percent of Medicare Beneficiaries by County, CMS 2019



Breast Cancer Screening by Year

The table and chart below display local, state, and national trends in annual breast exam rates among female Medicare beneficiaries age 35 and older.

Report Area	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	37%	37%	38%	37%	37%	38%	37%	38%
Iowa	37%	38%	37%	37%	38%	39%	40%	41%
United States	32%	32%	31%	32%	32%	32%	32%	33%



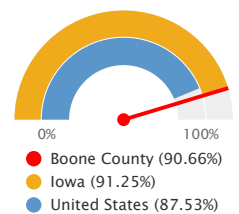
Diabetes Management - Hemoglobin A1c Test

This indicator reports the percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test, a blood test which measures blood sugar levels, administered by a health care professional in the past year. Data is obtained from the Dartmouth Atlas Data - Selected Primary Care Access and Quality Measures (2008-2019). This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

As of year 2019, 398 or 90.66% Medicare enrollees with diabetes have had an annual exam out of 439 Medicare enrollees with diabetes in the report area.

Report Area	Medicare Enrollees with Diabetes	Medicare Enrollees with Diabetes with Annual Exam	Medicare Enrollees with Diabetes with Annual Exam, Percent
Boone County, IA	439	398	90.66%
Iowa	44,823	40,903	91.25%
United States	6,792,740	5,945,988	87.53%

Percentage of Medicare Enrollees with Diabetes with Annual A1C Test



Note: This indicator is compared to the state average.

Data Source: Dartmouth College Institute for Health Policy & Clinical Practice, *Dartmouth Atlas of Health Care*. 2019. Source geography: County



[View larger map](#)

Patients with Annual HA1C Test (Diabetes), Percent of Medicare Enrollees with Diabetes by County, Dartmouth Atlas 2019

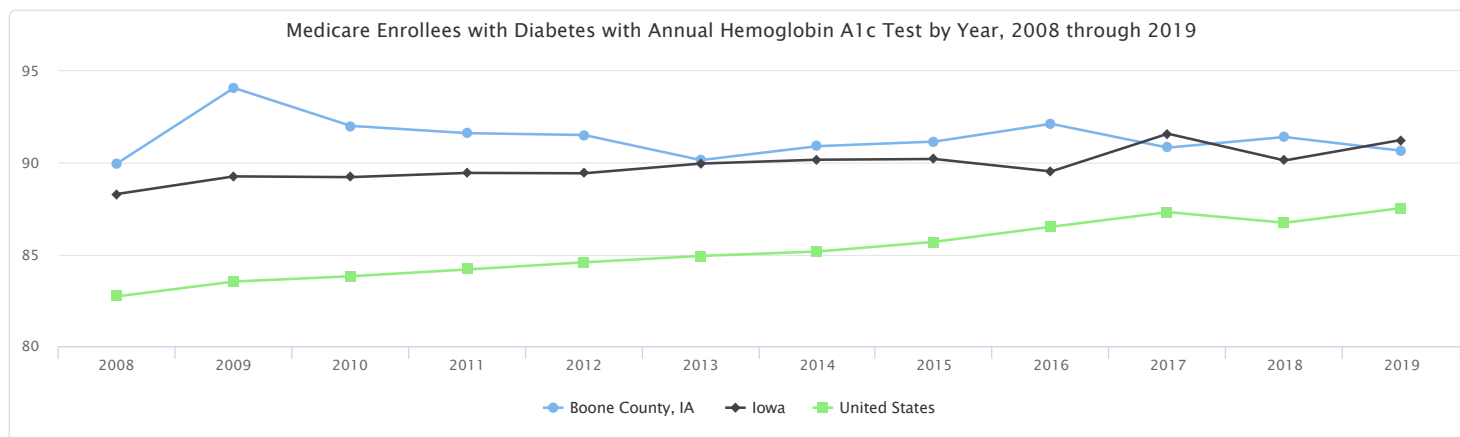
- Over 95%
- 90.1 - 95%
- 85.1 - 90%
- 80.1 - 85%
- Under 80%
- No Data or Data Suppressed
- Boone County, IA

Medicare Enrollees with Diabetes with Annual Hemoglobin A1c Test by Year, 2008 through 2019

This indicator reports the percentage of Medicare enrollees with diabetes who have annual Hemoglobin A1c Test from 2008 to 2019.

Note: The Dartmouth Atlas Data team has noted substantial decreases in hemoglobin A1c testing in several HRRs in Montana and North Dakota between 2017 and 2018. A conclusive explanation cannot be established thus far for these changes, especially in smaller rural areas; caution should be used in interpreting longitudinal data for the measure.

Report Area	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	89.97	94.09	92.02	91.62	91.52	90.15	90.91	91.16	92.13	90.83	91.41	90.66
Iowa	88.30	89.26	89.22	89.45	89.43	89.96	90.17	90.21	89.53	91.59	90.13	91.25
United States	82.71	83.52	83.81	84.18	84.57	84.92	85.16	85.69	86.51	87.31	86.73	87.53



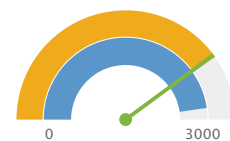
Hospitalizations - Preventable Conditions

This indicator reports the preventable hospitalization rate among Medicare beneficiaries for the latest reporting period. Preventable hospitalizations include hospital admissions for one or more of the following conditions: diabetes with short-term complications, diabetes with long-term complications, uncontrolled diabetes without complications, diabetes with lower-extremity amputation, chronic obstructive pulmonary disease, asthma, hypertension, heart failure, bacterial pneumonia, or urinary tract infection. Rates are presented per 100,000 beneficiaries. In the latest reporting period there were 5,722 Medicare beneficiaries in the report area. The preventable hospitalization rate was 2,394. The rate in the report area was lower than the state rate of 2,418 during the same time period.

Report Area	Medicare Beneficiaries	Preventable Hospitalizations, Rate per 100,000 Beneficiaries
Boone County, IA	5,722	2,394
Iowa	600,549	2,418
United States	57,235,207	2,865

Note: This indicator is compared to the state average.
Data Source: Centers for Medicare and Medicaid Services, Mapping Medicare Disparities Tool, 2020. Source geography: County

Preventable Hospital Events, Rate per 100,000 Beneficiaries

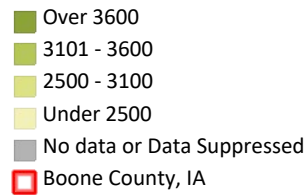


● Boone County, IA (2,394)
 ● Iowa (2,418)
 ● United States (2,865)



[View larger map](#)

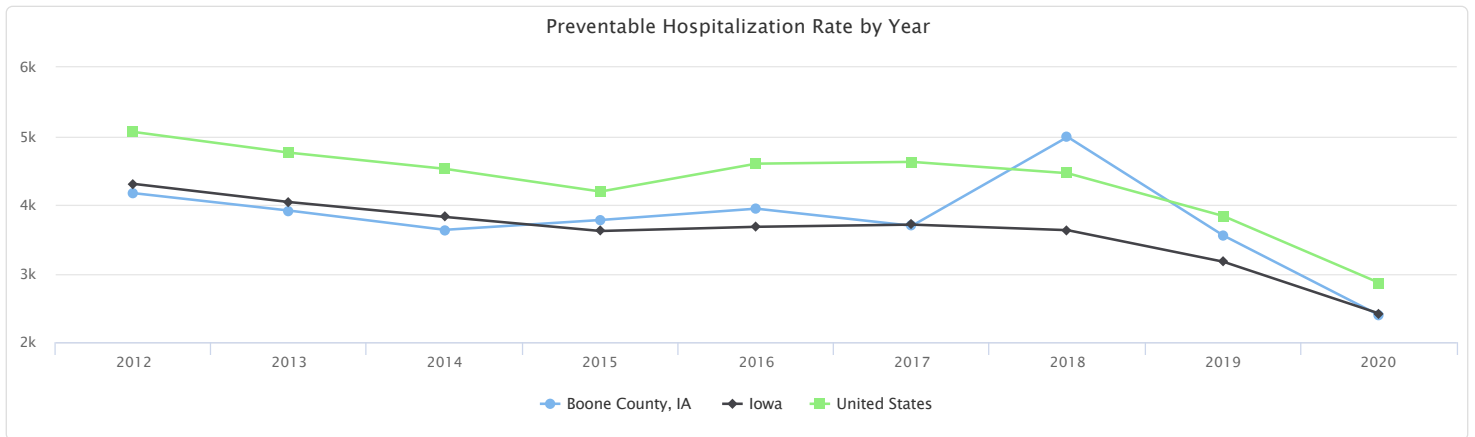
Preventable Hospitalization, Medicare Beneficiaries, Rate by County, CMS 2020



Preventable Hospitalization Rate by Year

The table and chart below display local, state, and national trends in preventable hospitalization rates among Medicare beneficiaries.

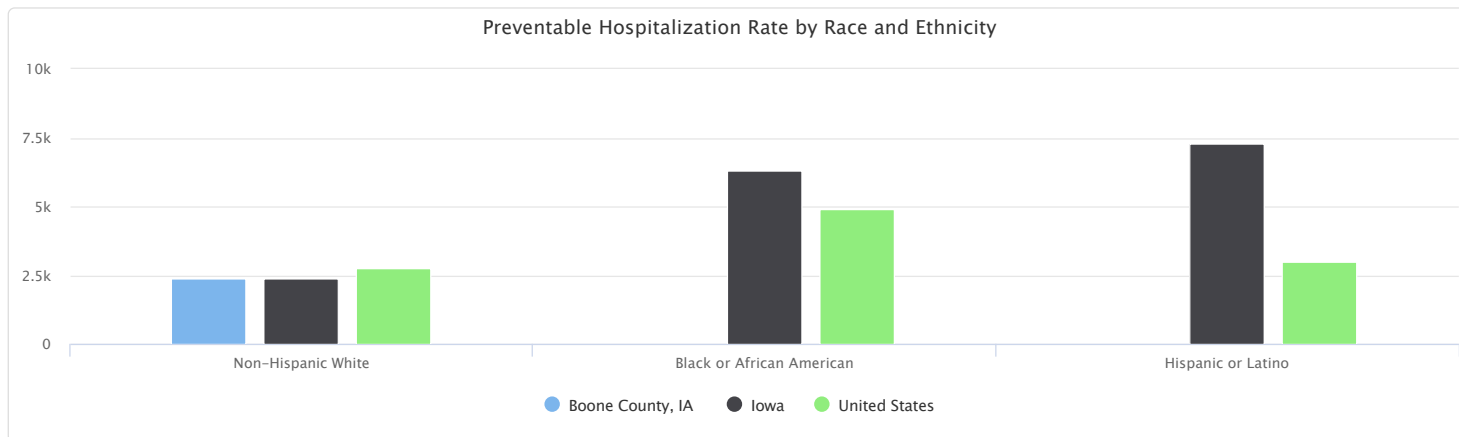
Report Area	2012	2013	2014	2015	2016	2017	2018	2019	2020
Boone County, IA	4,169	3,915	3,635	3,778	3,943	3,694	4,987	3,553	2,394
Iowa	4,304	4,039	3,823	3,618	3,679	3,711	3,630	3,171	2,418
United States	5,060	4,758	4,523	4,192	4,598	4,624	4,459	3,836	2,865



Preventable Hospitalization Rate by Race and Ethnicity

The table and chart below display local, state, and national trends in preventable hospitalization rates among Medicare beneficiaries for the latest report year by patient race and ethnicity.

Report Area	Non-Hispanic White	Black or African American	Hispanic or Latino
Boone County, IA	2,391	No data	No data
Iowa	2,390	6,317	7,299
United States	2,754	4,914	3,014



Health Behaviors

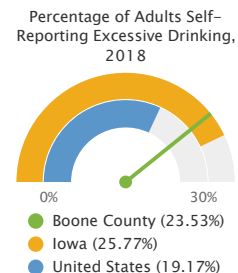
Health behaviors such as poor diet, a lack of exercise, and substance abuse contribute to poor health status.

Alcohol - Heavy Alcohol Consumption

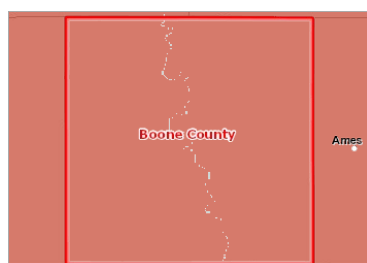
In the report area, 6,199, or 23.53% adults self-report excessive drinking in the last 30 days, which is less than the state rate of 25.77%. Data for this indicator were based on survey responses to the 2018 Behavioral Risk Factor Surveillance System (BRFSS) annual survey and are used for the 2021 County Health Rankings.

Excessive drinking is defined as the percentage of the population who report at least one binge drinking episode involving five or more drinks for men and four or more for women over the past 30 days, or heavy drinking involving more than two drinks per day for men and more than one per day for women, over the same time period. Alcohol use is a behavioral health issue that is also a risk factor for a number of negative health outcomes, including: physical injuries related to motor vehicle accidents, stroke, chronic diseases such as heart disease and cancer, and mental health conditions such as depression and suicide. There are a number of evidence-based interventions that may reduce excessive/binge drinking; examples include raising taxes on alcoholic beverages, restricting access to alcohol by limiting days and hours of retail sales, and screening and counseling for alcohol abuse (Centers for Disease Control and Prevention, Preventing Excessive Alcohol Use, 2020).

Report Area	Total Population (2018)	Adults Reporting Excessive Drinking	Percentage of Adults Reporting Excessive Drinking
Boone County, IA	26,346	6,199	23.53%
Iowa	3,156,145	813,426	25.77%
United States	327,167,434	62,733,046	19.17%



Note: This indicator is compared to the state average.
Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2018. Source geography: County



[View larger map](#)

Excessive Drinking, Percent of Adults Age 18+ by County, CDC BRFSS 2018

- Over 20.1%
- 16.1 - 20.0%
- 12.1 - 16.0%
- Under 12.1%
- No Data or Data Suppressed
- Boone County, IA

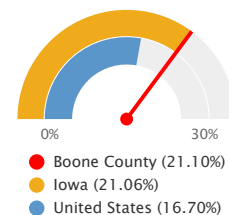
Alcohol - Binge Drinking

This indicator reports the percentage of adults age 18 and older who report having five or more drinks (men) or four or more drinks (women) on an occasion in the past 30 days.

Within the report area there are 21.10% adults who reported having four or more drinks in the last month of the total population.

Report Area	Total Population (2019)	Percentage of Adults Binge Drinking in the Past 30 Days
Boone County, IA	26,234	21.10%
Iowa	3,155,070	21.06%
United States	328,239,523	16.70%

Percentage of Adults Binge Drinking in the Past 30 Days



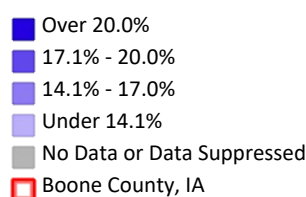
Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2019. Source geography: Tract



[View larger map](#)

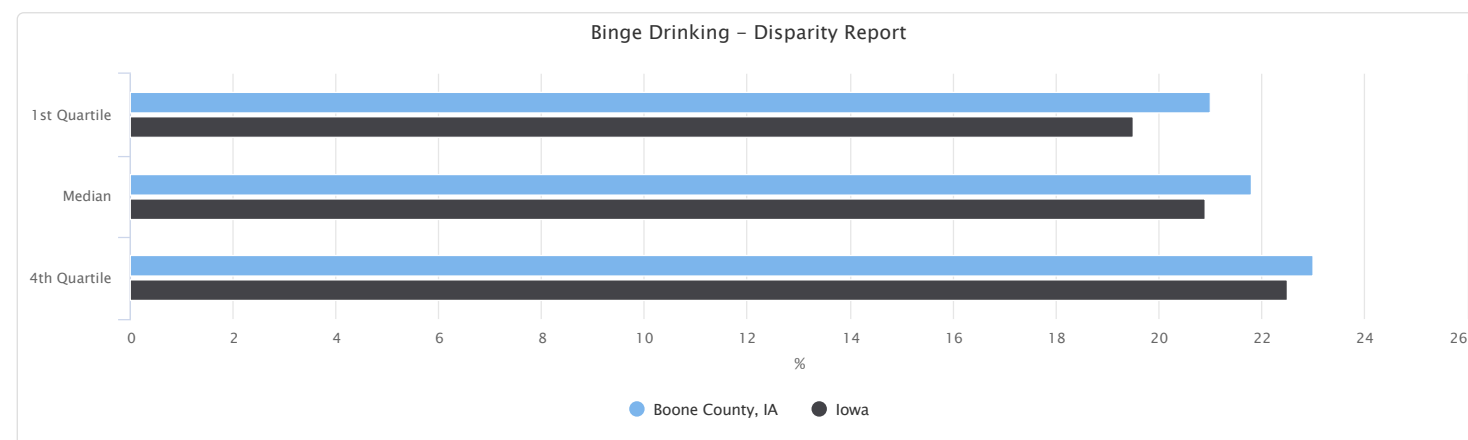
Binge Drinking, Percentage of Adults Age 18+ by Tract, CDC BRFSS PLACES Project 2019



Binge Drinking - Disparity Report

The table and chart below display the median and interquartile ranges for census tract values related to the indicator.

Report Area	1st Quartile	Median	4th Quartile
Boone County, IA	21.00%	21.80%	23.00%
Iowa	19.50%	20.90%	22.50%



Physical Inactivity

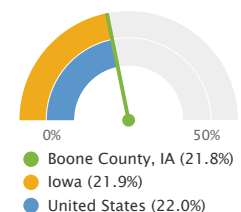
Within the report area, 4,608 or 21.8% of adults aged 20 and older self-report no active leisure time, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?" This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular

health.

Note: In 2021, the CDC updated the methodology used to produce estimates for this indicator. Estimated values for prior years (2004 - 2017) have been updated in this platform to allow comparison across years. Use caution when comparing with saved assessments generated prior to November 10, 2021.

Report Area	Population Age 20+	Adults with No Leisure Time Physical Activity	Adults with No Leisure Time Physical Activity, Percent
Boone County, IA	20,211	4,608	21.8%
Iowa	2,338,989	532,286	21.9%
United States	239,878,217	54,200,862	22.0%

Percentage of Adults with No Leisure-Time Physical Activity, 2019



Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2019. Source geography: County



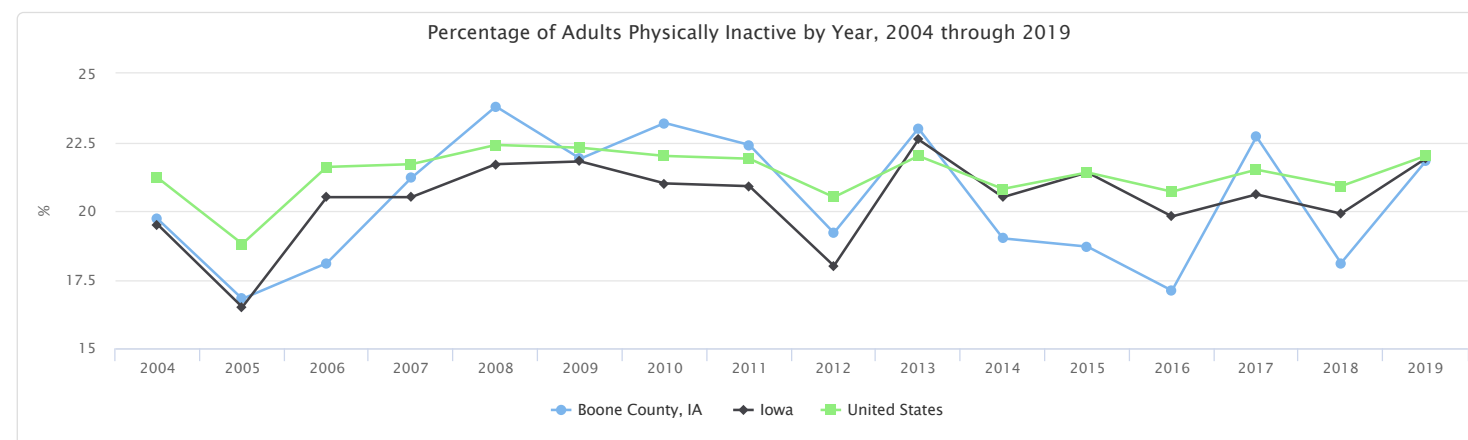
No Leisure-Time Physical Activity, Adults Age 20+, Percent by County, CDC NCCDPHP 2019

- Over 29.0%
- 26.1 - 29.0%
- 23.1 - 26.0%
- Under 23.1%
- No Data or Data Suppressed
- Boone County, IA

Percentage of Adults Physically Inactive by Year, 2004 through 2019

The table below displays trends in the percentage of adults reporting no leisure-time physical activity for years 2004 through 2019.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	19.7%	16.8%	18.1%	21.2%	23.8%	21.9%	23.2%	22.4%	19.2%	23.0%	19.0%	18.7%	17.1%	22.7%	18.1%	21.8%
Iowa	19.5%	16.5%	20.5%	20.5%	21.7%	21.8%	21.0%	20.9%	18.0%	22.6%	20.5%	21.4%	19.8%	20.6%	19.9%	21.9%
United States	21.2%	18.8%	21.6%	21.7%	22.4%	22.3%	22.0%	21.9%	20.5%	22.0%	20.8%	21.4%	20.7%	21.5%	20.9%	22.0%

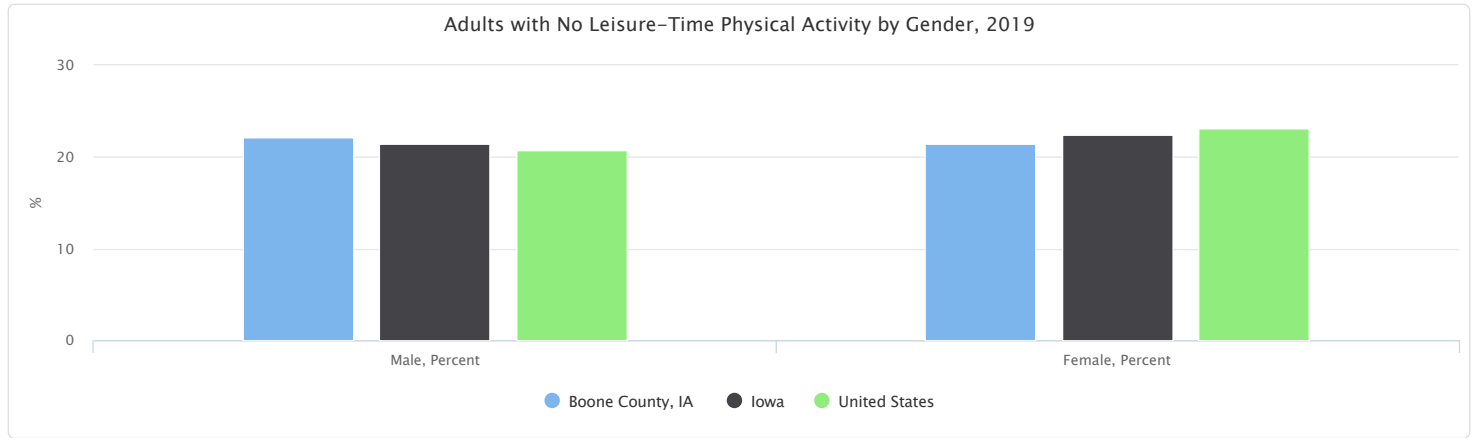


Adults with No Leisure-Time Physical Activity by Gender, 2019

The table below displays national, state, and local variation in the percentage of adults reporting no leisure-time physical by

gender.

Report Area	Male	Male, Percent	Female	Female, Percent
Boone County, IA	2,284	22.1%	2,323	21.5%
Iowa	252,844	21.4%	279,440	22.4%
United States	24,675,186	20.8%	29,525,666	23.1%

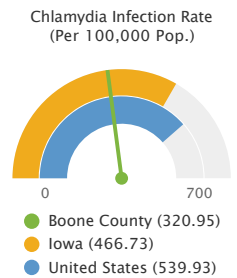


STI - Chlamydia Incidence

This indicator reports the number chlamydia cases occurring in the report area. Rates are presented per 100,000 population.

The number of cases are based on laboratory-confirmed diagnoses that occurred between January 1st and December 31st of the latest reporting year. These data are delivered to and analyzed by the CDC as part of the Nationally notifiable STD surveillance system.

Report Area	Total Population	Chlamydia Infections	Chlamydia Infections, Rate per 100,000 Pop.
Boone County, IA	26,484	85	320.95
Iowa	3,145,711	14,682	466.73
United States	325,719,178	1,758,668	539.93



Note: This indicator is compared to the state average.
 Data Source: Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2018. Source geography: County



[View larger map](#)

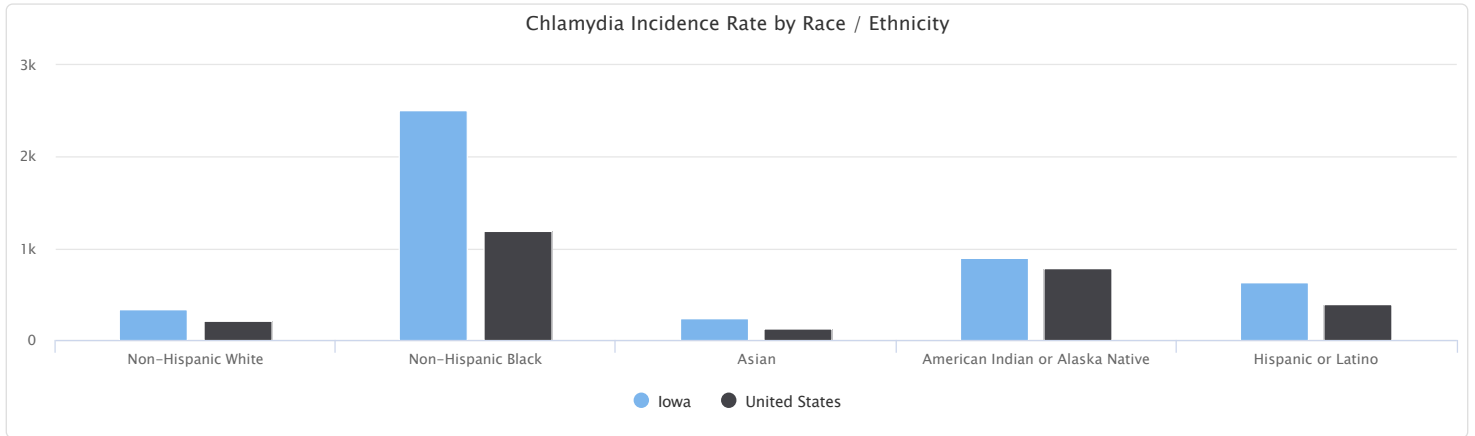
Chlamydia, Infection Rate per 100,000 Population by County, CDC NCHHSTP 2018

- Over 500.0
- 300.1 - 500.0
- 150.1 - 300.0
- 0.1 - 150.0
- Data Suppressed (<4 Cases)
- Boone County, IA

Chlamydia Incidence Rate by Race / Ethnicity

The table below displays national, state, and local variation in the rate of diagnosed chlamydia cases for the latest report year by population race and ethnicity.

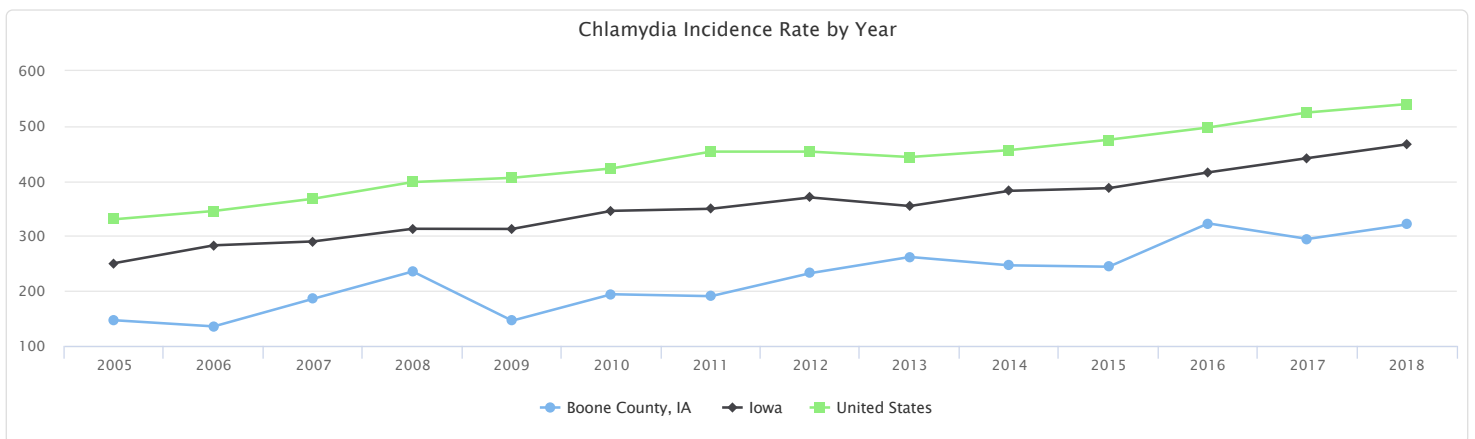
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian	American Indian or Alaska Native	Hispanic or Latino
Boone County, IA	No data	No data	No data	No data	No data
Iowa	337.9	2,504.4	238.7	897.5	632.7
United States	212.1	1,192.5	132.1	784.8	392.6



Chlamydia Incidence Rate by Year

The table below displays trends in the rate of diagnosed chlamydia cases for years 2005 through 2018. Rates are expressed per 100,000 total population.

Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Boone County, IA	146.6	135.4	185.7	235.3	145.8	193.9	190.4	232.3	261.7	246.5	244.0	322.8	294.5	320.9
Iowa	250.5	282.9	290.0	313.0	312.7	345.6	349.4	370.0	354.4	382.0	386.9	415.6	441.6	466.7
United States	330.3	345.4	367.7	398.0	405.7	422.8	453.4	453.4	443.5	456.1	475.0	497.3	524.6	539.9



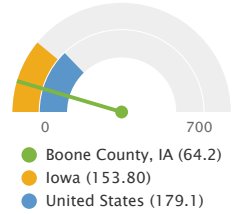
STI - Gonorrhea Incidence

This indicator reports the number gonorrhea cases occurring in the report area. Rates are presented per 100,000 population.

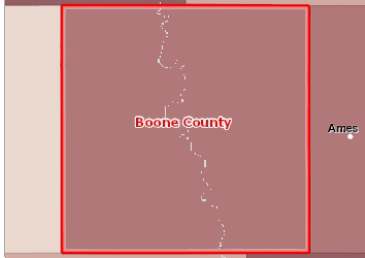
The number of cases are based on laboratory-confirmed diagnoses that occurred between January 1st and December 31st of the latest reporting year. These data are delivered to and analyzed by the CDC as part of the Nationally notifiable STD surveillance system.

Report Area	Total Population	Gonorrhea Infections	Gonorrhea Infections, Rate per 100,000 Pop.
Boone County, IA	26,484	17	64.2
Iowa	3,145,711	4,839	153.80
United States	325,719,178	583,405	179.1

Gonorrhea Infection Rate (Per 100,000 Pop.)

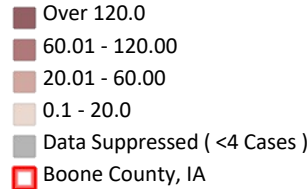


Note: This indicator is compared to the state average.
 Data Source: Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2018. Source geography: County



[View larger map](#)

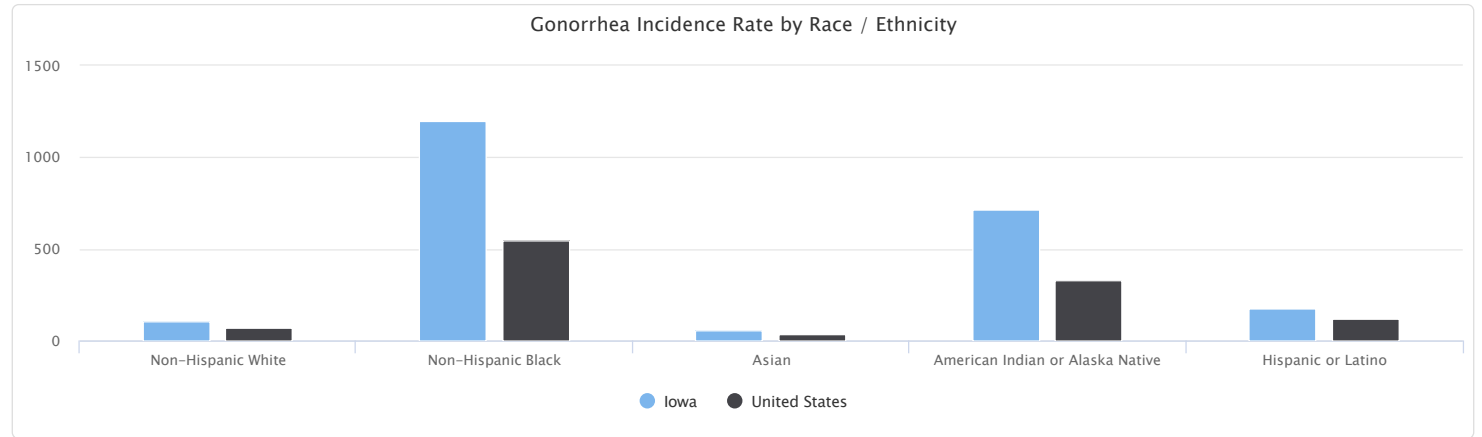
Gonorrhea, Infection Rate per 100,000 Population by County, CDC NCHHSTP 2018



Gonorrhea Incidence Rate by Race / Ethnicity

The table below displays national, state, and local variation in the rate of diagnosed gonorrhea cases for the latest report year by population race and ethnicity.

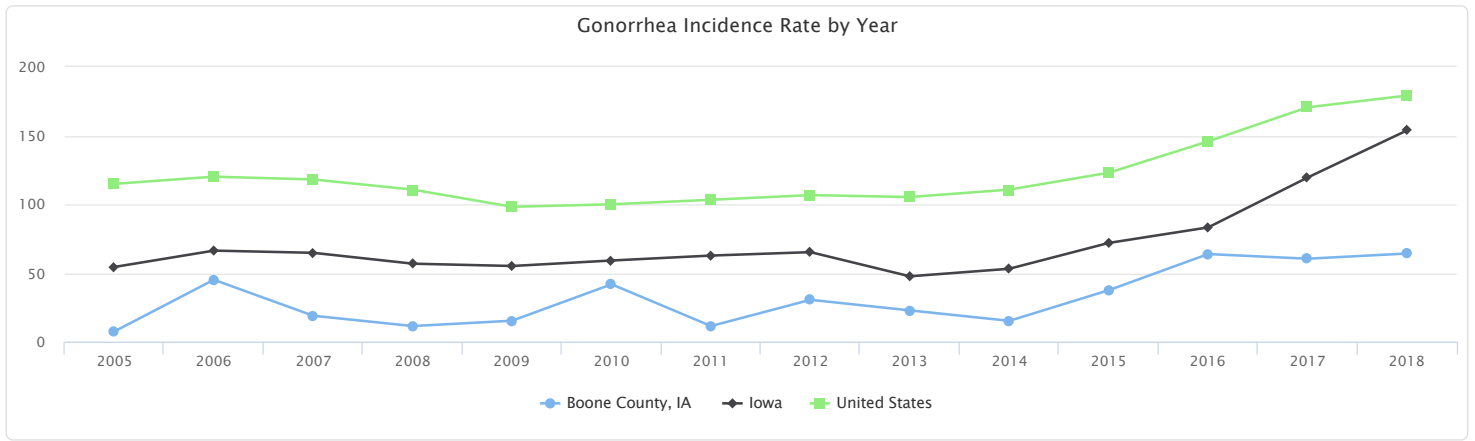
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian	American Indian or Alaska Native	Hispanic or Latino
Boone County, IA	No data	No data	No data	No data	No data
Iowa	103.6	1,199.1	54.4	715.9	174.4
United States	71.1	548.9	35.1	329.5	115.9



Gonorrhea Incidence Rate by Year

The table below displays trends in the rate of diagnosed gonorrhea cases for years 2005 through 2018. Rates are expressed per 100,000 total population.

Report Area	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Boone County, IA	7.5	45.1	18.9	11.4	15.3	41.8	11.4	30.5	22.8	15.2	37.5	63.8	60.4	64.2
Iowa	54.4	66.3	64.7	56.8	55.1	59.1	62.7	65.2	47.6	53.1	71.9	83.2	119.5	153.8
United States	114.9	120.1	118.1	110.7	98.2	100.0	103.3	106.7	105.3	110.7	123.0	145.8	170.6	179.1

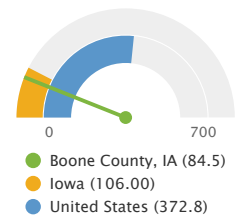


STI - HIV Prevalence

This indicator reports the prevalence of HIV in the report area as a rate per 100,000 population over age 13. The data reflect persons living with diagnosed HIV infection at the end of the latest reporting year, or persons living with infection ever classified as stage 3 (AIDS) at the end of the latest report year.

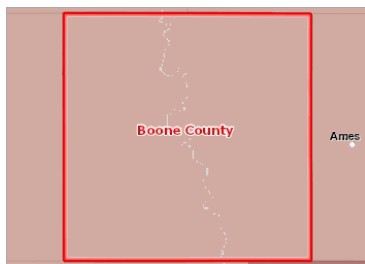
Report Area	Population Age 13+	Population with HIV / AIDS	Population with HIV / AIDS, Rate per 100,000 Pop.
Boone County, IA	22,487	19	84.5
Iowa	2,630,539	2,788	106.00
United States	274,605,948	1,023,832	372.8

Population with HIV / AIDS, Rate per 100,000 Pop.



Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention. 2018. Source geography: County



[View larger map](#)

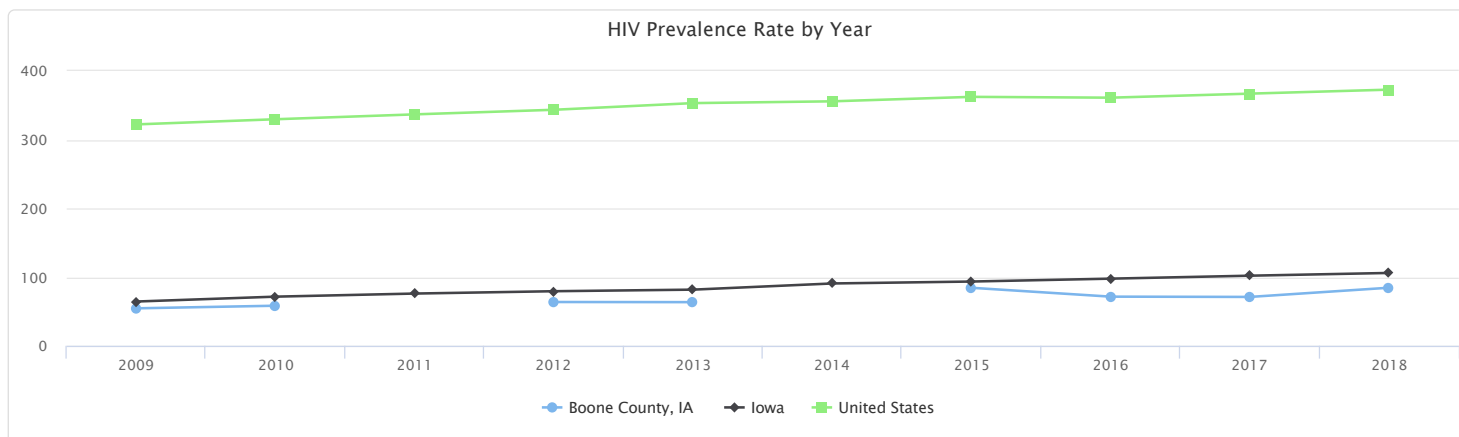
HIV Prevalence, Rate (Per 100,000 Pop.) by County, CDC NCHHSTP 2018

- Over 200.0
- 100.1 - 200.0
- 50.1 - 100.0
- Under 50.1
- Data Suppressed (<4 Cases)
- Boone County, IA

HIV Prevalence Rate by Year

The table below displays trends in the prevalence rate for HIV/AIDS for years 2009 through 2018. Rates are expressed per 100,000 population age 13 and older.

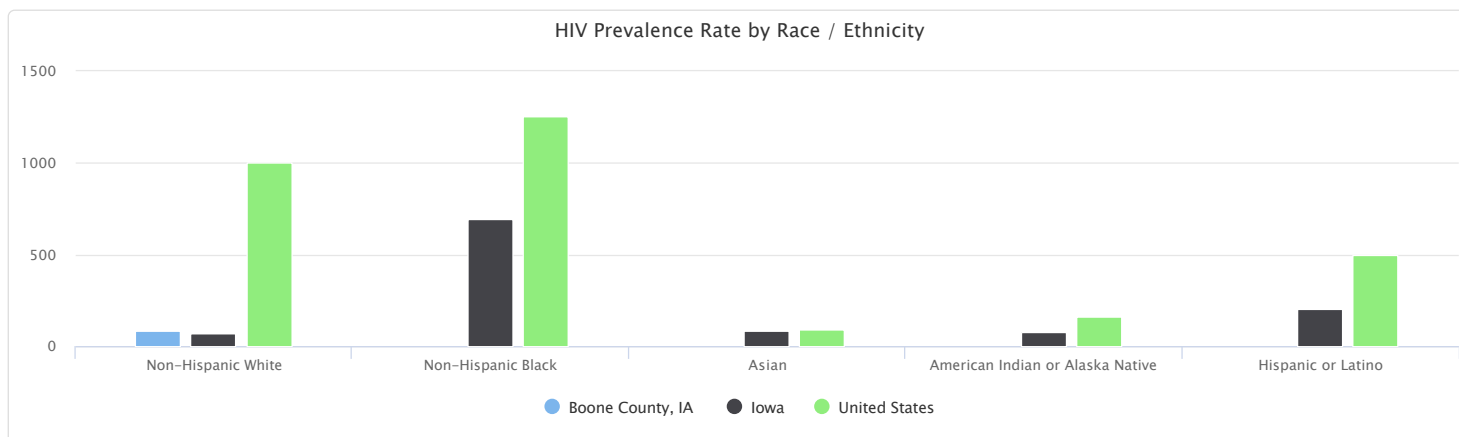
Report Area	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Boone County, IA	54.5	58.3	No data	63.7	63.5	No data	84.4	71.5	71.1	84.5
Iowa	64.4	71.5	76.0	79.4	81.7	90.7	93.5	97.7	102.0	106.0
United States	322.2	329.7	336.8	343.5	353.2	355.8	362.3	361.1	367.0	372.8



HIV Prevalence Rate by Race / Ethnicity

The table below displays trends in the prevalence rate for HIV/AIDS for the latest report year by population race and ethnicity.

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian	American Indian or Alaska Native	Hispanic or Latino
Boone County, IA	84.3	0.0	0.0	No data	0.0
Iowa	72.7	692.7	85.6	78.9	203.0
United States	1,004.4	1,252.9	93.6	158.2	499.9



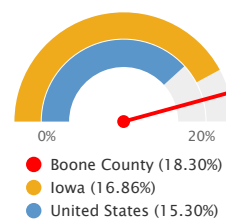
Tobacco Usage - Current Smokers

This indicator reports the percentage of adults age 18 and older who report having smoked at least 100 cigarettes in their lifetime and currently smoke every day or some days.

Within the report area there are 18.30% adults who have smoked or currently smoke of the total population.

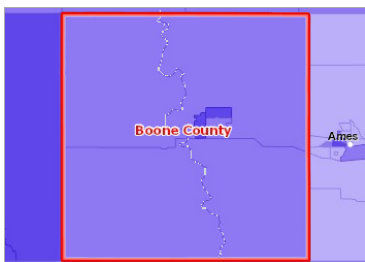
Report Area	Total Population (2019)	Adult Current Smokers (Crude)	Adult Current Smokers (Age-Adjusted)
Boone County, IA	26,234	18.30%	19.00%
Iowa	3,155,070	16.86%	17.68%
United States	328,239,523	15.30%	15.70%

Percentage of Adults who are Current Smokers



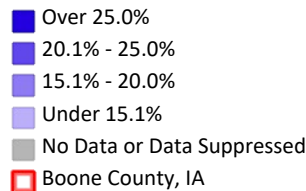
Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2019. Source geography: Tract



[View larger map](#)

Current Smokers, Adult, Percentage of Adults Age 18+ by Tract, CDC BRFSS PLACES Project 2019



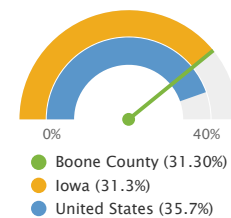
Insufficient Sleep

This indicator reports the percentage of adults age 18 and older who report usually getting insufficient sleep (<7 hours for those aged ≥18 years, on average, during a 24-hour period).

Within the report area there are 31.30% adults sleeping less than 7 hours on average of the total population of the total population.

Report Area	Total Population (2018)	Adults Sleeping Less Than 7 Hours on Average (Crude)	Adults Sleeping Less Than 7 Hours on Average (Age-Adjusted)
Boone County, IA	26,346	31.30%	32.20%
Iowa	3,156,145	31.3%	32.2%
United States	327,167,434	35.7%	36.2%

Percentage of Adults Sleeping Less Than 7 Hours on Average



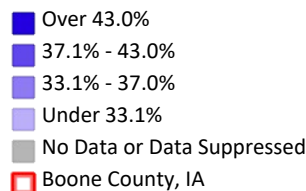
Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2018.



[View larger map](#)

Inadequate Sleep Habits, Percent of Adults Age 18+ by Tract, CDC BRFSS PLACES Project 2018



Health Outcomes

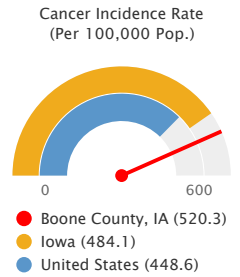
Measuring morbidity and mortality rates allows assessing linkages between social determinants of health and outcomes. By comparing, for example, the prevalence of certain chronic diseases to indicators in other categories (e.g., poor diet and exercise) with outcomes (e.g., high rates of obesity and diabetes), various causal relationship may emerge, allowing a better understanding of how certain community health needs may be addressed.

Cancer Incidence - All Sites

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of cancer (all sites) adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older).

Within the report area, there were 184 new cases of cancer reported. This means there is a rate of 520.3 for every 100,000 total population.

Report Area	Estimated Total Population	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
Boone County, IA	35,364	184	520.3
Iowa	3,838,669	18,583	484.1
United States	379,681,007	1,703,249	448.6

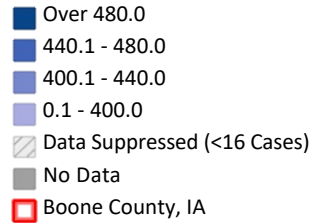


Note: This indicator is compared to the state average.
Data Source: State Cancer Profiles, 2014-18. Source geography: County



[View larger map](#)

Cancer (All Sites), Incidence Rate (Per 100,000 Pop.) by County, State Cancer Profiles 2014-18



Top Five Most Commonly Diagnosed Cancers

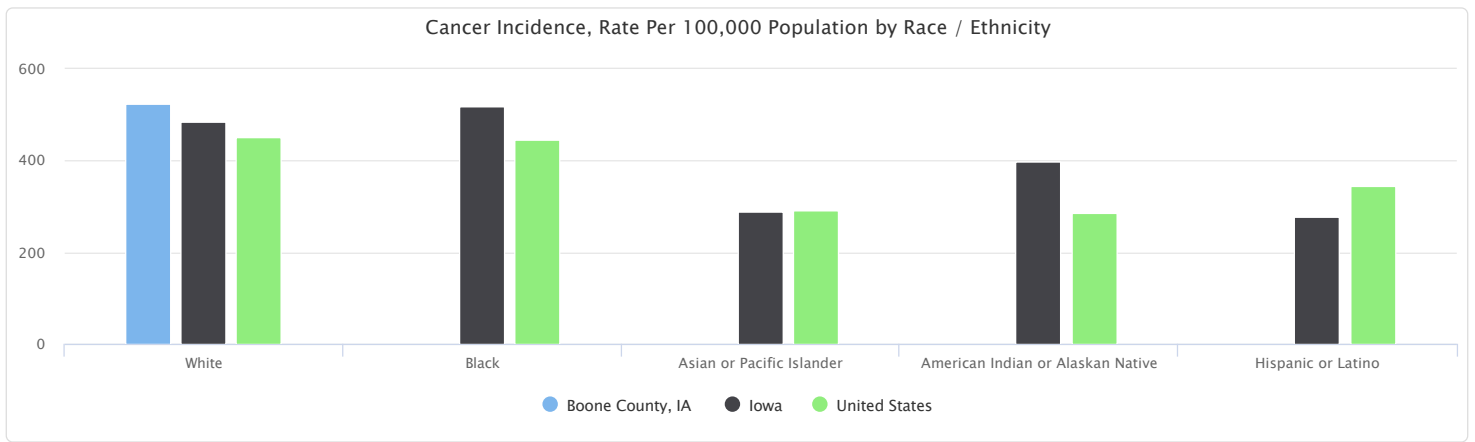
The table below shows counts and age-adjusted incidence rates of the five most common newly diagnosed cancers by site for the 5-year period 2014-2018.

Area Name	Cancer Site	New Cases (Annual Average)	Cancer Incidence Rate (Per 100,000 Population)
Boone County, Iowa	1 - Prostate (All Stages^), 2014-2018	27	150
Boone County, Iowa	2 - Lung & Bronchus (All Stages^), 2014-2018	24	69.3
Boone County, Iowa	3 - Breast (All Stages^), 2014-2018	23	125.8
Boone County, Iowa	4 - Colon & Rectum (All Stages^), 2014-2018	16	47.2
Boone County, Iowa	5 - Non-Hodgkin Lymphoma (All Stages^), 2014-2018	9	24.9
Iowa	1 - Breast (All Stages^), 2014-2018	2,555	132.6
Iowa	2 - Lung & Bronchus (All Stages^), 2014-2018	2,503	62.6
Iowa	3 - Prostate (All Stages^), 2014-2018	2,180	112.1
Iowa	4 - Colon & Rectum (All Stages^), 2014-2018	1,653	43.2
Iowa	5 - Melanoma of the Skin (All Stages^), 2014-2018	1,010	28.1

Cancer Incidence, Rate Per 100,000 Population by Race / Ethnicity

This indicator reports the age-adjusted cancer incidence rate per 100,000 people for the 5-year period 2014-2018 by race and by Hispanic origin.

Report Area	White	Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Boone County, IA	525.1	Suppressed	Suppressed	Suppressed	Suppressed
Iowa	483.8	518	289.5	398.8	276.3
United States	451	444.9	291.1	285.8	345



Cancer Incidence (Average Annual New Cases) by Race / Ethnicity

This indicator reports the age-adjusted cancer incidence rate average for the 5-year period 2014-2018 by race and by Hispanic origin.

Report Area	White	Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Boone County, IA	183	Suppressed	Suppressed	Suppressed	Suppressed
Iowa	17,906	377	142	44	256
United States	1,419,027	187,408	56,991	10,326	137,386

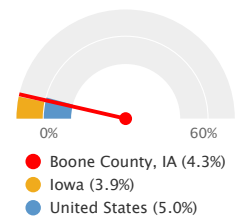
Chronic Conditions - Asthma (Medicare Population)

This indicator reports the number and percentage of the Medicare fee-for-service population with asthma. Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the fee-for-service program.

Within the report area, there were 195 beneficiaries with asthma based on administrative claims data in the latest report year. This represents 4.3% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Asthma	Percentage with Asthma
Boone County, IA	4,558	195	4.3%
Iowa	459,489	17,760	3.9%
United States	33,499,472	1,665,694	5.0%

Percentage of Medicare Beneficiaries with Asthma



Note: This indicator is compared to the state average.
Data Source: Centers for Medicare & Medicaid Services, CMS - Chronic Conditions Warehouse. 2018. Source geography: County



[View larger map](#)

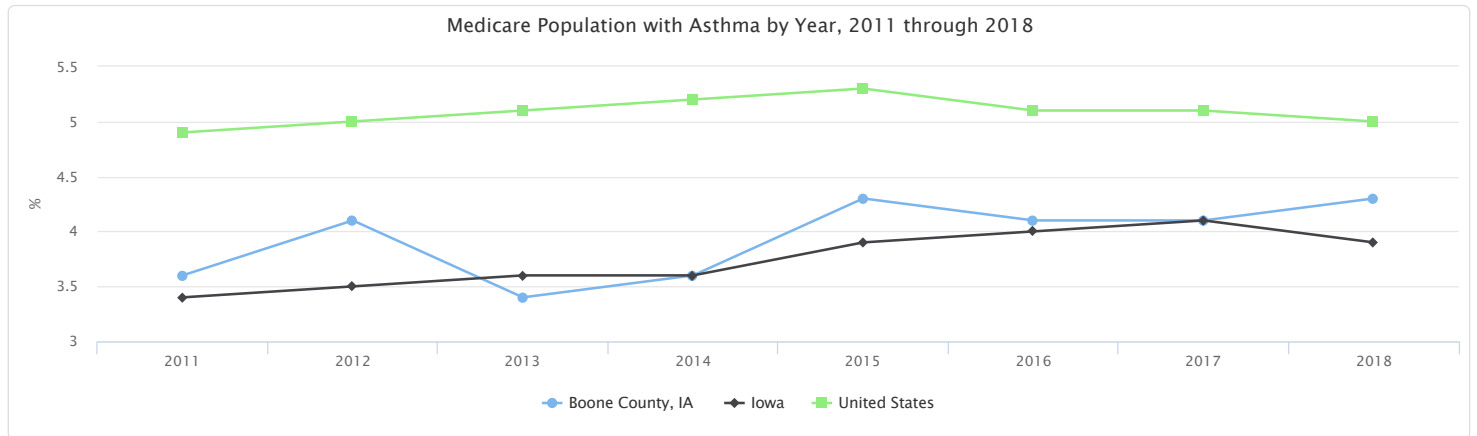
Beneficiaries with Asthma, Percent by County, CMS 2018

- Over 7.0%
- 5.1 - 7.0%
- 3.1 - 5.0%
- Under 3.1%
- No Data or Data Suppressed
- Boone County, IA

Medicare Population with Asthma by Year, 2011 through 2018

This indicator reports the percentage of the Medicare fee-for-service population with asthma over time.

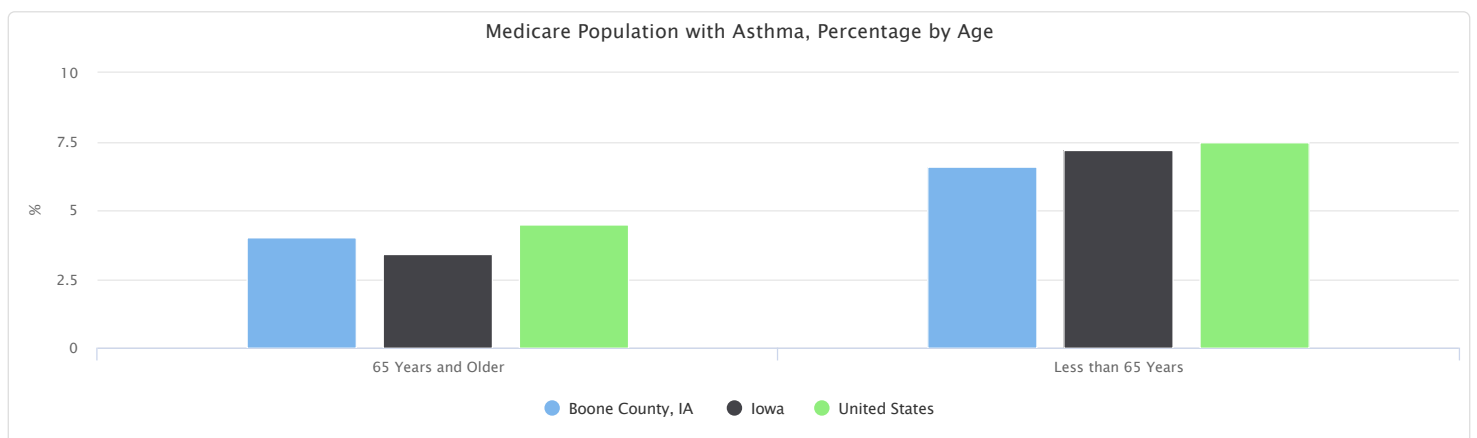
Report Area	2011	2012	2013	2014	2015	2016	2017	2018
Boone County, IA	3.6%	4.1%	3.4%	3.6%	4.3%	4.1%	4.1%	4.3%
Iowa	3.4%	3.5%	3.6%	3.6%	3.9%	4.0%	4.1%	3.9%
United States	4.9%	5.0%	5.1%	5.2%	5.3%	5.1%	5.1%	5.0%



Medicare Population with Asthma, Percentage by Age

This indicator reports the prevalence of asthma among Medicare beneficiaries by age.

Report Area	65 Years and Older	Less than 65 Years
Boone County, IA	4.0%	6.6%
Iowa	3.4%	7.2%
United States	4.5%	7.5%



Chronic Conditions - Diabetes (Adult)

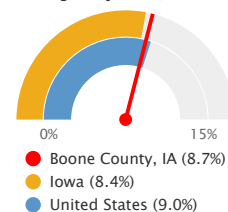
This indicator reports the number and percentage of adults age 20 and older who have ever been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S.; it may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Within the report area, 2,111 of adults age 20 and older have diabetes. This represents 8.7% of the total survey population.

Note: In 2021, the CDC updated the methodology used to produce estimates for this indicator. Estimated values for prior years (2004 - 2017) have been updated in this platform to allow comparison across years. Use caution when comparing with saved assessments generated prior to November 10, 2021.

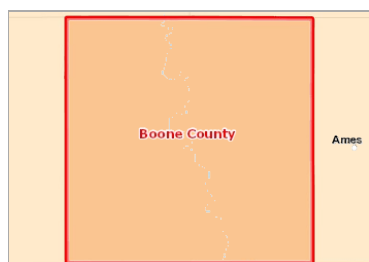
Report Area	Population Age 20+	Adults with Diagnosed Diabetes	Adults with Diagnosed Diabetes, Age-Adjusted Rate
Boone County, IA	20,105	2,111	8.7%
Iowa	2,336,892	226,251	8.4%
United States	239,919,249	24,189,620	9.0%

Percentage of Adults with Diagnosed Diabetes (Age-Adjusted), 2019



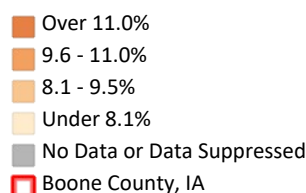
Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2019. Source geography: County



[View larger map](#)

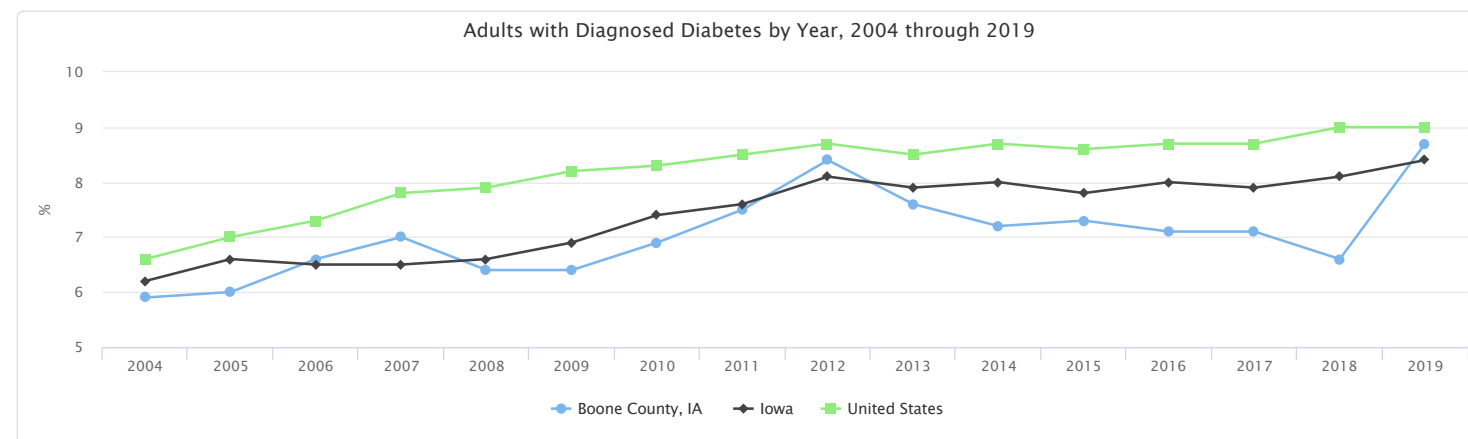
Diabetes Prevalence, Percent of Adults Age 20+ by County, CDC NCCDPHP 2019



Adults with Diagnosed Diabetes by Year, 2004 through 2019

The table below displays the percentage of adults with diabetes over time.

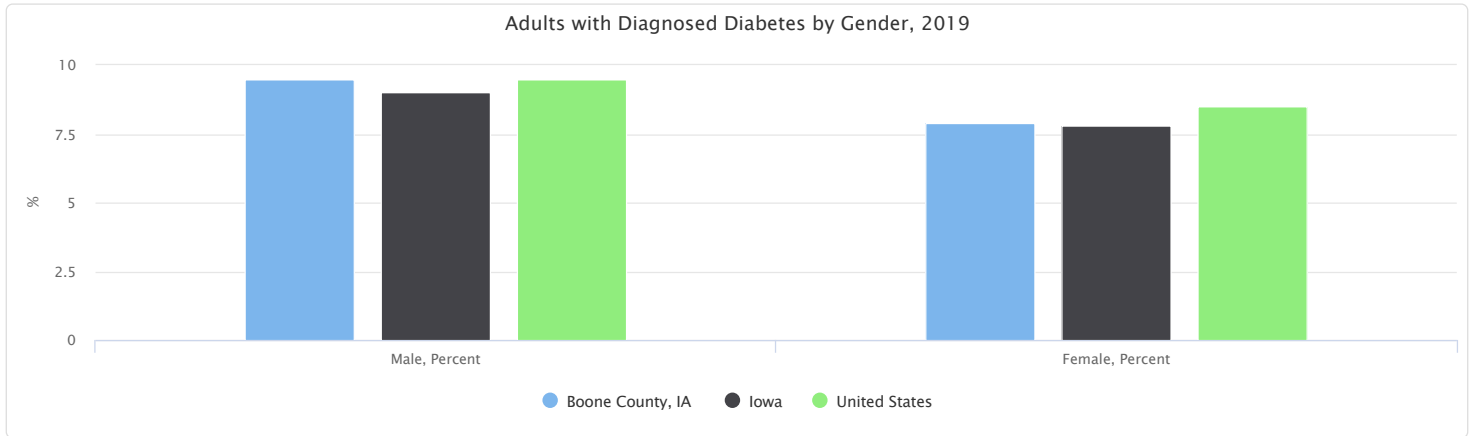
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	5.9%	6.0%	6.6%	7.0%	6.4%	6.4%	6.9%	7.5%	8.4%	7.6%	7.2%	7.3%	7.1%	7.1%	6.6%	8.7%
Iowa	6.2%	6.6%	6.5%	6.5%	6.6%	6.9%	7.4%	7.6%	8.1%	7.9%	8.0%	7.8%	8.0%	7.9%	8.1%	8.4%
United States	6.6%	7.0%	7.3%	7.8%	7.9%	8.2%	8.3%	8.5%	8.7%	8.5%	8.7%	8.6%	8.7%	8.7%	9.0%	9.0%



Adults with Diagnosed Diabetes by Gender, 2019

The table below displays national, state, and local variation in the prevalence of diabetes among the adult population by gender.

Report Area	Male	Male, Percent	Female	Female, Percent
Boone County, IA	1,127	9.5%	984	7.9%
Iowa	117,462	9.0%	108,791	7.8%
United States	12,120,715	9.5%	12,068,861	8.5%

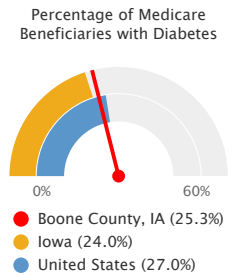


Chronic Conditions - Diabetes (Medicare Population)

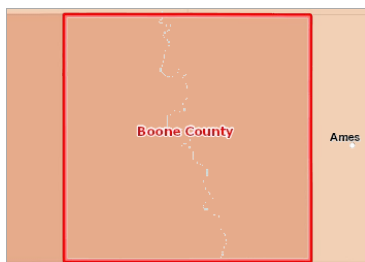
This indicator reports the number and percentage of the Medicare fee-for-service population with diabetes. Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the fee-for-service program.

Within the report area, there were 1,151 beneficiaries with diabetes based on administrative claims data in the latest report year. This represents 25.3% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Diabetes	Beneficiaries with Diabetes, Percent
Boone County, IA	4,558	1,151	25.3%
Iowa	459,489	110,219	24.0%
United States	33,499,472	9,029,582	27.0%



Note: This indicator is compared to the state average.
Data Source: Centers for Medicare & Medicaid Services, CMS - Chronic Conditions Warehouse. 2018. Source geography: County



[View larger map](#)

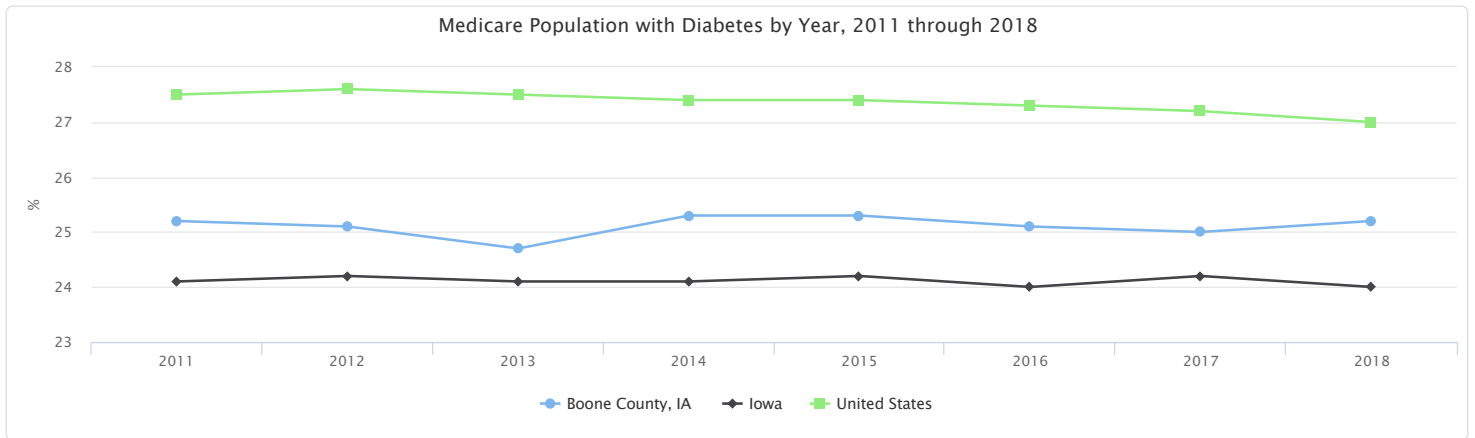
Beneficiaries with Diabetes, Percent by County, CMS 2018

- Over 30.0%
- 27.1 - 30.0%
- 24.1 - 27.0%
- Under 24.1%
- No Data or Data Suppressed
- Boone County, IA

Medicare Population with Diabetes by Year, 2011 through 2018

This indicator reports the percentage of the Medicare fee-for-service population with diabetes over time.

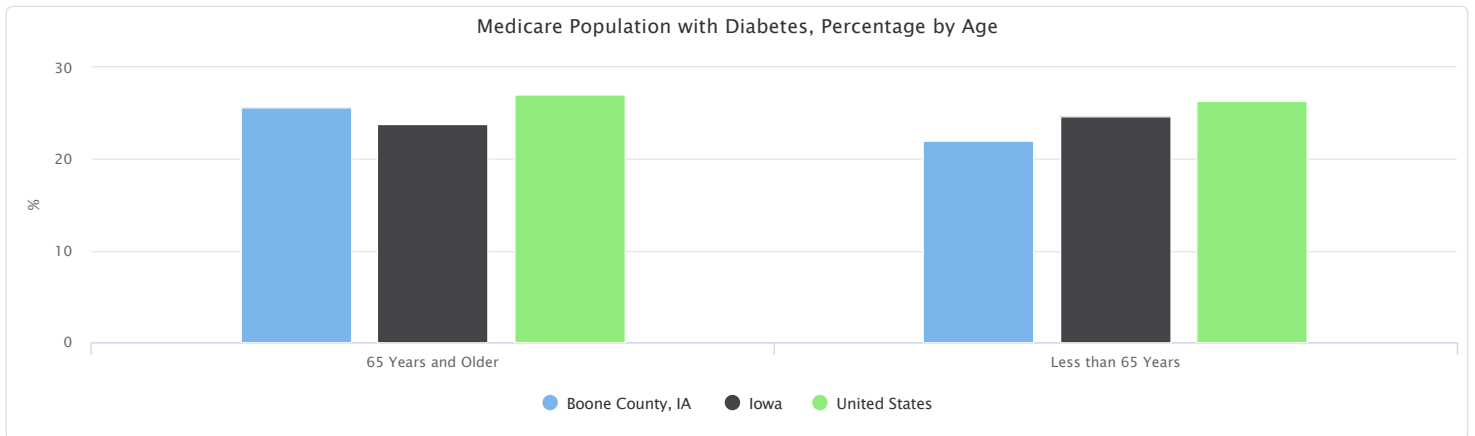
Report Area	2011	2012	2013	2014	2015	2016	2017	2018
Boone County, IA	25.2%	25.1%	24.7%	25.3%	25.3%	25.1%	25.0%	25.2%
Iowa	24.1%	24.2%	24.1%	24.1%	24.2%	24.0%	24.2%	24.0%
United States	27.5%	27.6%	27.5%	27.4%	27.4%	27.3%	27.2%	27.0%



Medicare Population with Diabetes, Percentage by Age

This indicator reports the prevalence of diabetes among Medicare beneficiaries by age.

Report Area	65 Years and Older	Less than 65 Years
Boone County, IA	25.7%	22.0%
Iowa	23.9%	24.7%
United States	27.1%	26.4%



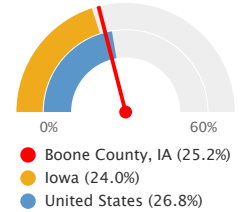
Chronic Conditions - Heart Disease (Medicare Population)

This indicator reports the number and percentage of the Medicare fee-for-service population with ischemic heart disease. Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the fee-for-service program.

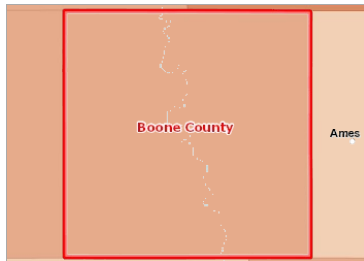
Within the report area, there were 1,147 beneficiaries with ischemic heart disease based on administrative claims data in the latest report year. This represents 25.2% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with Heart Disease	Beneficiaries with Heart Disease, Percent
Boone County, IA	4,558	1,147	25.2%
Iowa	459,489	110,102	24.0%
United States	33,499,472	8,979,902	26.8%

Percentage of Medicare Beneficiaries with Heart Disease

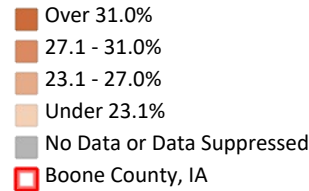


Note: This indicator is compared to the state average.
 Data Source: Centers for Medicare & Medicaid Services, CMS - Chronic Conditions Warehouse. 2018. Source geography: County



[View larger map](#)

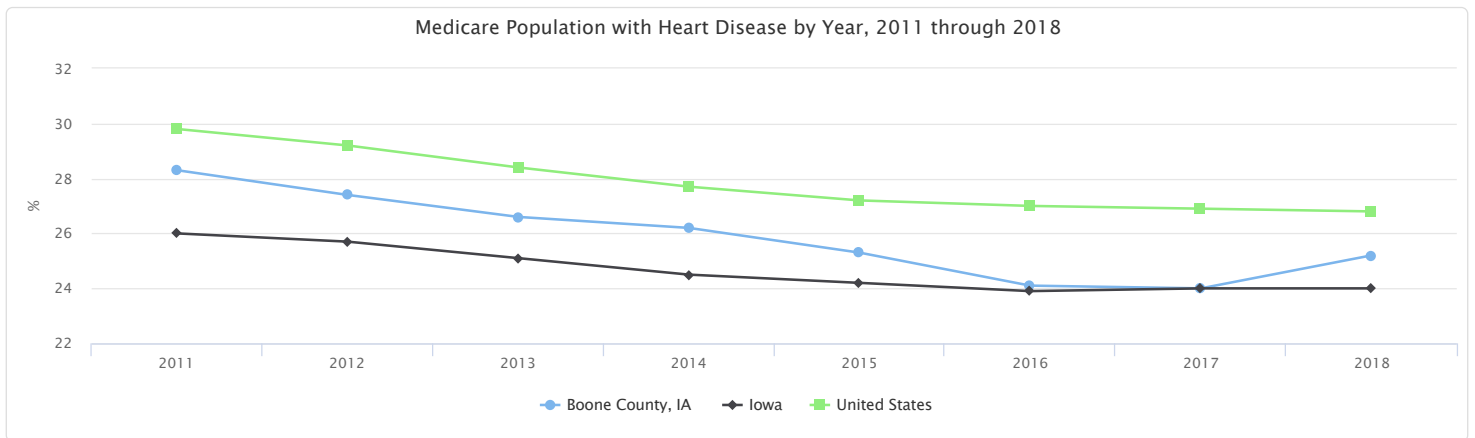
Beneficiaries with Ischemic Heart Disease, Percent by County, CMS 2018



Medicare Population with Heart Disease by Year, 2011 through 2018

This indicator reports the percentage of the Medicare fee-for-service population with heart disease over time.

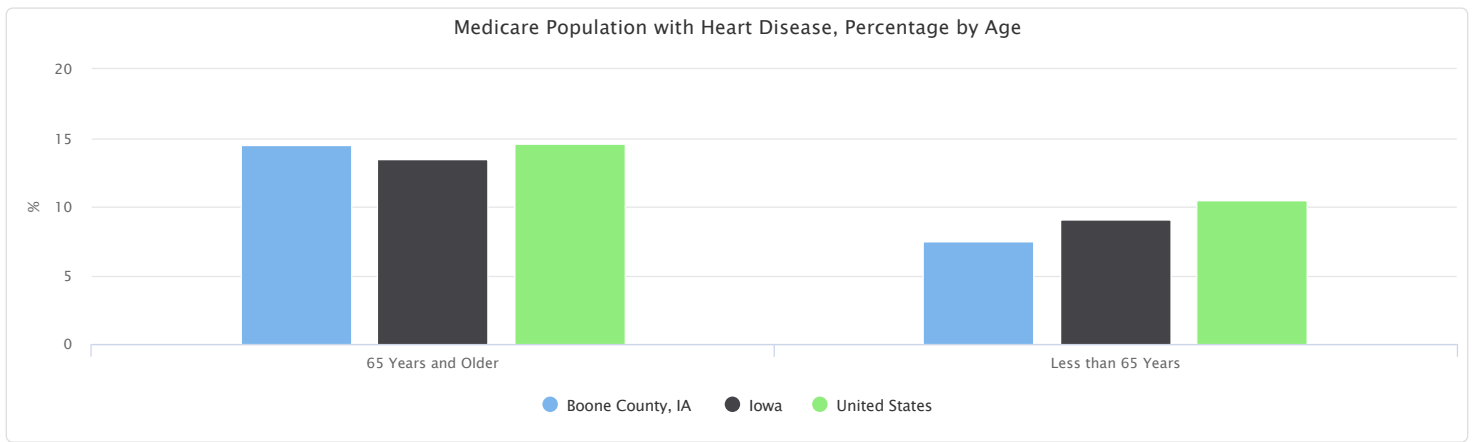
Report Area	2011	2012	2013	2014	2015	2016	2017	2018
Boone County, IA	28.3%	27.4%	26.6%	26.2%	25.3%	24.1%	24.0%	25.2%
Iowa	26.0%	25.7%	25.1%	24.5%	24.2%	23.9%	24.0%	24.0%
United States	29.8%	29.2%	28.4%	27.7%	27.2%	27.0%	26.9%	26.8%



Medicare Population with Heart Disease, Percentage by Age

This indicator reports the prevalence of heart disease among Medicare beneficiaries by age.

Report Area	65 Years and Older	Less than 65 Years
Boone County, IA	14.5%	7.5%
Iowa	13.5%	9.1%
United States	14.6%	10.5%

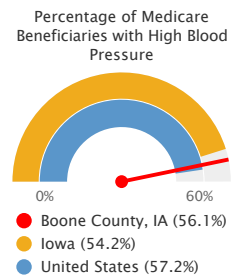


Chronic Conditions - High Blood Pressure (Medicare Population)

This indicator reports the number and percentage of the Medicare fee-for-service population with hypertension (high blood pressure). Data are based upon Medicare administrative enrollment and claims data for Medicare beneficiaries enrolled in the fee-for-service program.

Within the report area, there were 2,557 beneficiaries with hypertension (high blood pressure) based on administrative claims data in the latest report year. This represents 56.1% of the total Medicare fee-for-service beneficiaries.

Report Area	Total Medicare Fee-for-Service Beneficiaries	Beneficiaries with High Blood Pressure	Beneficiaries with High Blood Pressure, Percent
Boone County, IA	4,558	2,557	56.1%
Iowa	459,489	249,193	54.2%
United States	33,499,472	19,162,770	57.2%



Note: This indicator is compared to the state average.
Data Source: Centers for Medicare & Medicaid Services, CMS - Chronic Conditions Warehouse. 2018. Source geography: County



[View larger map](#)

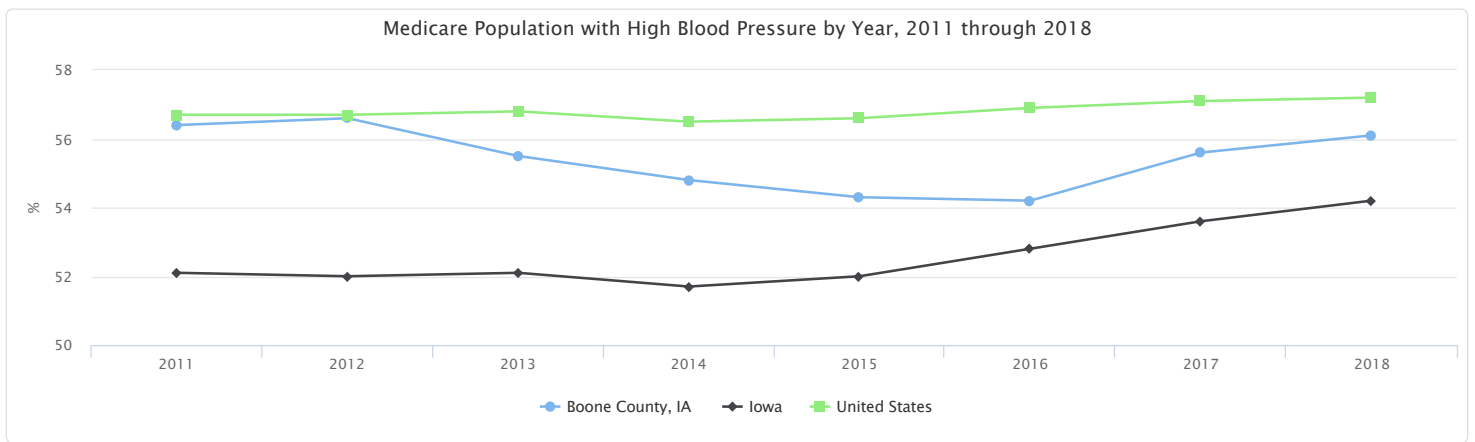
Beneficiaries with High Blood Pressure, Percent by County, CMS 2018

- Over 62.0%
- 56.1 - 62.0%
- 48.1 - 56.0%
- Under 48.1%
- No Data or Data Suppressed
- Boone County, IA

Medicare Population with High Blood Pressure by Year, 2011 through 2018

This indicator reports the percentage of the Medicare fee-for-service population with high blood pressure over time.

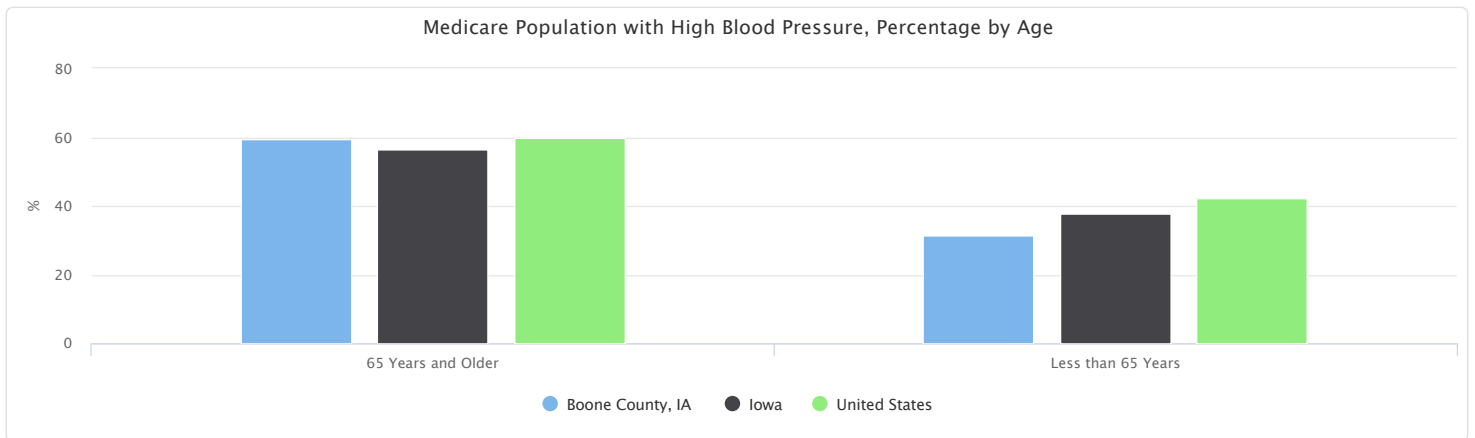
Report Area	2011	2012	2013	2014	2015	2016	2017	2018
Boone County, IA	56.4%	56.6%	55.5%	54.8%	54.3%	54.2%	55.6%	56.1%
Iowa	52.1%	52.0%	52.1%	51.7%	52.0%	52.8%	53.6%	54.2%
United States	56.7%	56.7%	56.8%	56.5%	56.6%	56.9%	57.1%	57.2%



Medicare Population with High Blood Pressure, Percentage by Age

This indicator reports the prevalence of high blood pressure among Medicare beneficiaries by age.

Report Area	65 Years and Older	Less than 65 Years
Boone County, IA	59.6%	31.3%
Iowa	56.5%	37.6%
United States	59.8%	42.4%



Low Birth Weight (CDC)

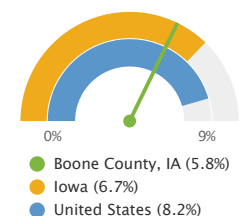
This indicator reports the percentage of live births where the infant weighed less than 2,500 grams (approximately 5 lbs., 8 oz.). These data are reported for a 7-year aggregated time period. Data were from the National Center for Health Statistics - Natality Files (2013-2019) and are used for the 2021 County Health Rankings.

Within the report area, there were 111 infants born with low birth weight. This represents 5.8% of the total live births.

Note: Data are suppressed for counties with fewer than 10 low birthweight births in the reporting period.

Report Area	Total Live Births	Low Birthweight Births	Low Birthweight Births, Percentage
Boone County, IA	1,928	111	5.8%
Iowa	542,844	36,474	6.7%
United States	54,416,819	4,440,508	8.2%

Percentage of Infants with Low Birthweight: %



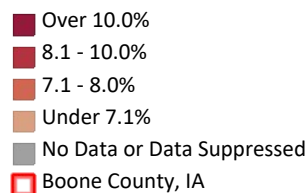
Note: This indicator is compared to the state average.

Data Source: University of Wisconsin Population Health Institute, County Health Rankings, 2013-2019. Source geography: County



[View larger map](#)

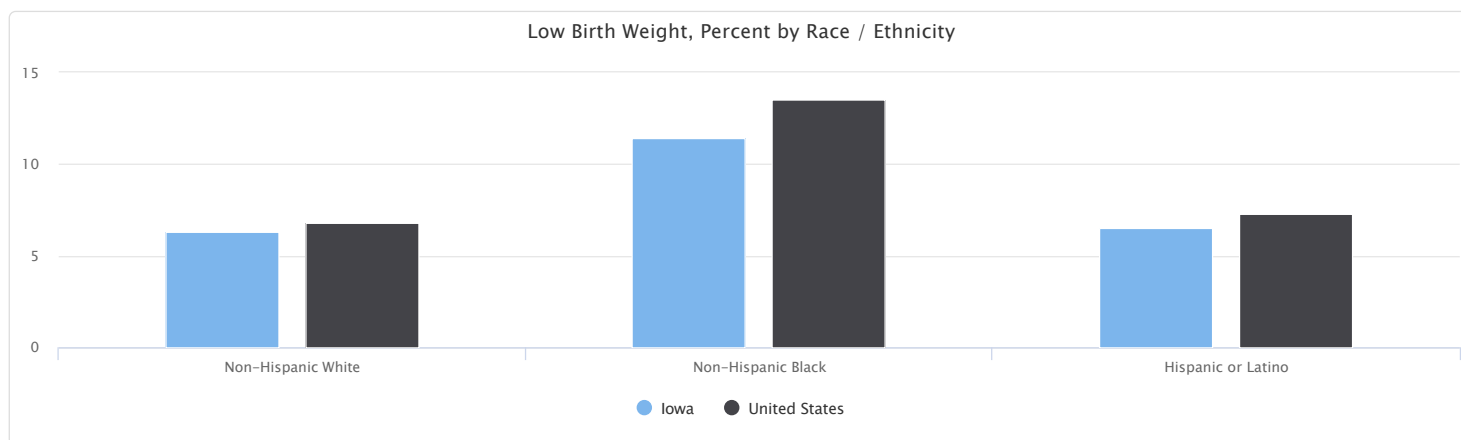
Low Birthweight, Percentage of Live Births by County, CDC NVSS 2013-2019



Low Birth Weight, Percent by Race / Ethnicity

This indicator reports the 2013-2019 seven-year average percentage of live births with low birthweight (< 2,500 grams) by race and by Hispanic origin.

Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic or Latino
Boone County, IA	No data	No data	No data
Iowa	6.3	11.4	6.5
United States	6.8	13.5	7.3



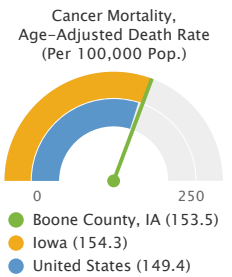
Mortality - Cancer

This indicator reports the 2016-2020 five-year average rate of death due to malignant neoplasm (cancer) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummairized for report areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States.

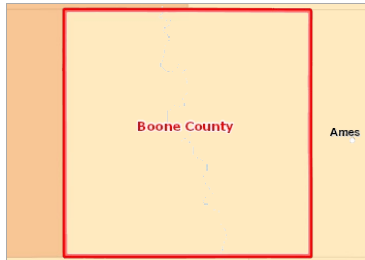
Within the report area, there are a total of 284 deaths due to cancer. This represents an age-adjusted death rate of 153.5 per every 100,000 total population.

Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Boone County, IA	26,375	284	215.4	153.5
Iowa	3,151,036	31,947	202.8	154.3
United States	326,747,554	2,998,371	183.5	149.4

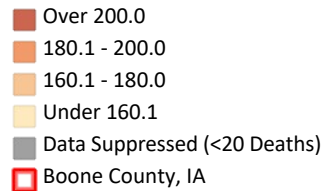


Note: This indicator is compared to the state average.
 Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER. 2016-2020. Source geography: County



[View larger map](#)

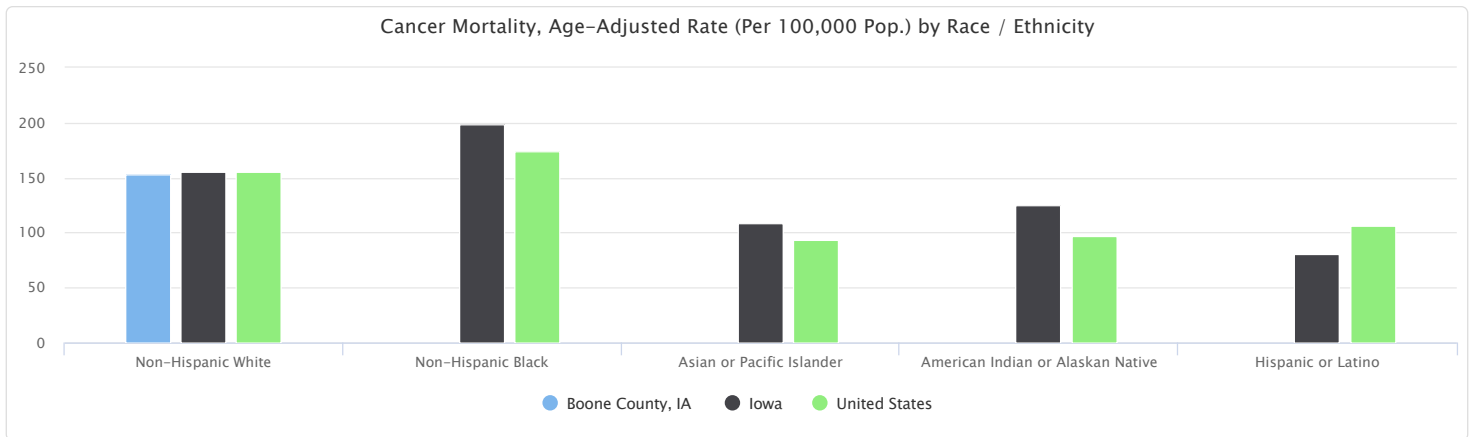
Cancer Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, CDC NVSS 2016-20



Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted rate death due to cancer per 100,000 people for the 5-year period 2016-2020 by race and by Hispanic origin.

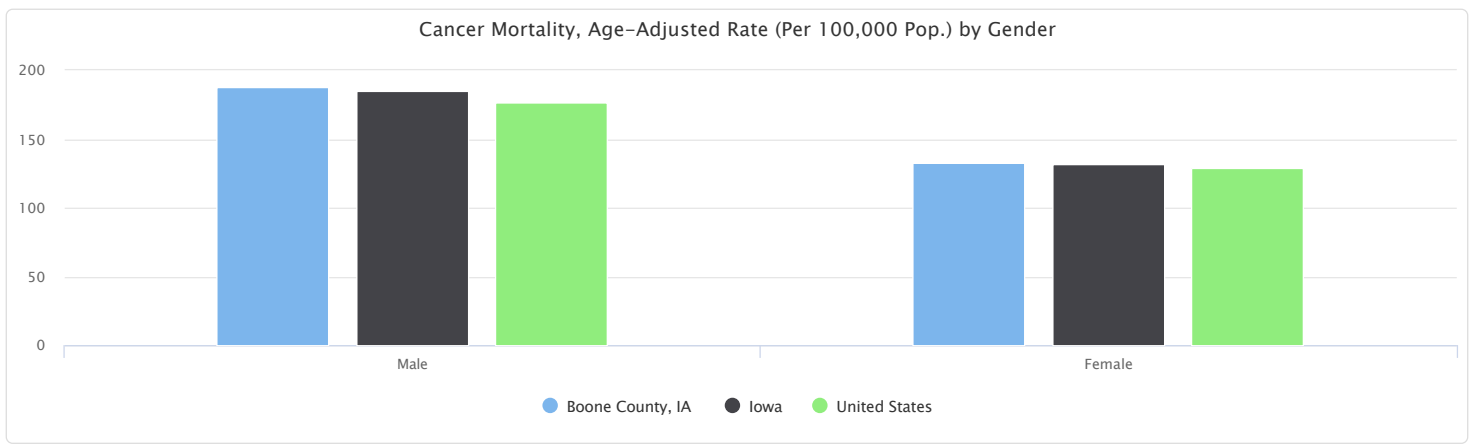
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Boone County, IA	153.3	No data	No data	No data	No data
Iowa	155.7	198.4	108.7	124.5	80.5
United States	154.8	174.3	93.0	97.1	106.8



Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to cancer per 100,000 people by gender.

Report Area	Male	Female
Boone County, IA	188.2	132.5
Iowa	184.7	131.7
United States	177.1	128.9

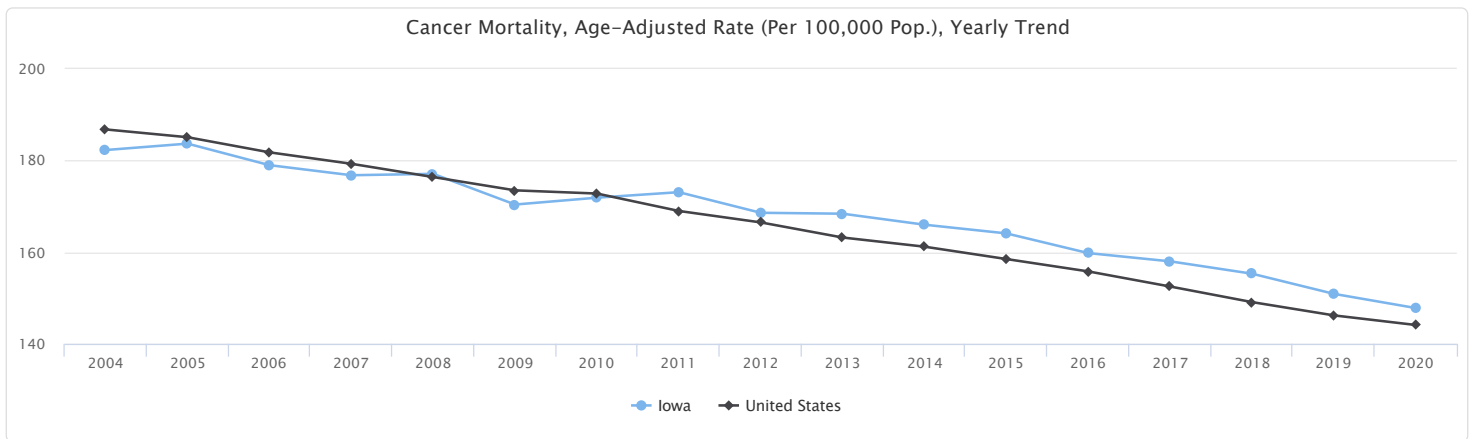


Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.), Yearly Trend

The table below shows age-adjusted death rates due to cancer per 100,000 people over time.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Iowa	182.3	183.7	179.0	176.8	177.1	170.4	171.9	173.1	168.6	168.4	166.0	164.1	159.8	158.0	155.3	150.9	147.8
United States	186.8	185.1	181.8	179.3	176.4	173.5	172.8	169.0	166.5	163.2	161.2	158.5	155.8	152.5	149.1	146.2	144.1

Note: No county data available. See data source and methodology for more details.



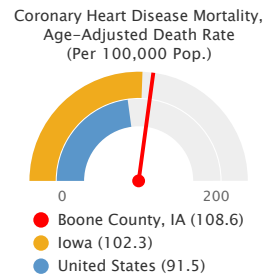
Mortality - Coronary Heart Disease

This indicator reports the 2016-2020 five-year average rate of death due to coronary heart disease (ICD10 Codes I20-I25) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because coronary heart disease is a leading cause of death in the United States.

Within the report area, there are a total of 205 deaths due to coronary heart disease. This represents an age-adjusted death rate of 108.6 per every 100,000 total population.

Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Boone County, IA	26,375	205	155.4	108.6
Iowa	3,151,036	21,999	139.6	102.3
United States	326,747,554	1,838,830	112.5	91.5

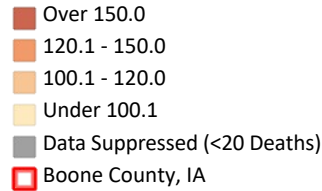


Note: This indicator is compared to the state average.
 Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER. 2016-2020. Source geography: County



[View larger map](#)

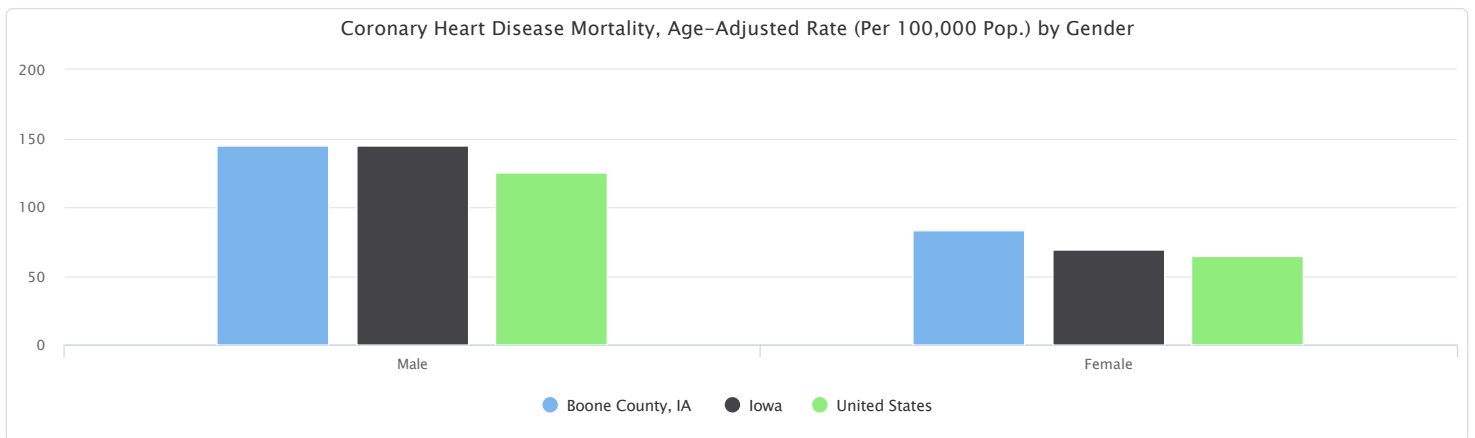
Coronary Heart Disease Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, CDC NVSS 2016-20



Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to coronary heart disease per 100,000 people by gender.

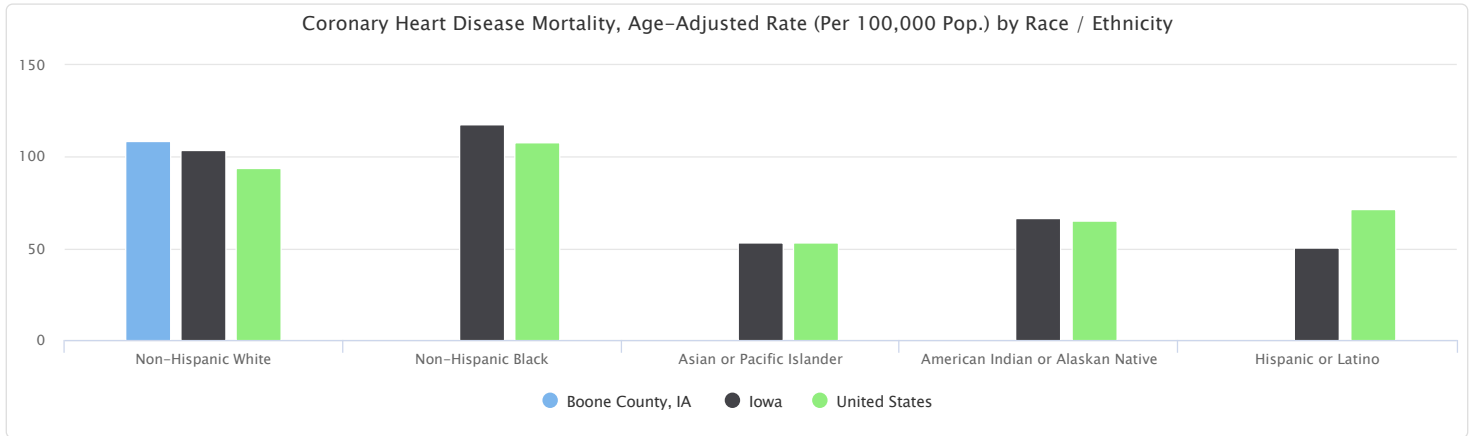
Report Area	Male	Female
Boone County, IA	144.7	83.3
Iowa	144.5	69.2
United States	125.3	64.6



Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted rate of death due to coronary heart disease per 100,000 people by race and Hispanic origin.

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Boone County, IA	108.6	No data	No data	No data	No data
Iowa	103.6	117.7	53.5	66.8	50.3
United States	93.8	108.1	53.3	65.0	71.2

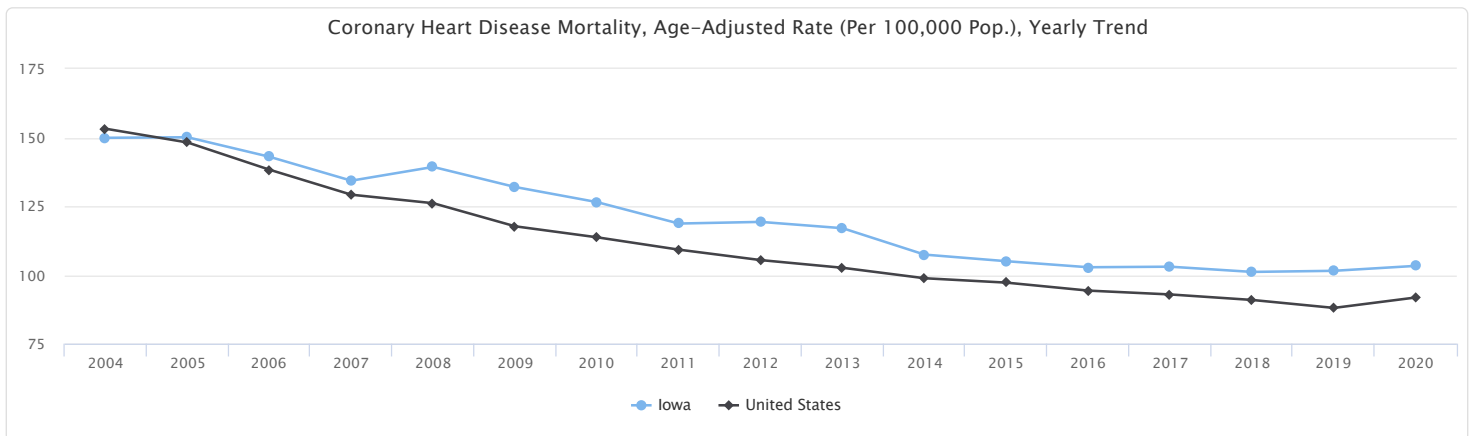


Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.), Yearly Trend

This indicator reports age-adjusted rate of death due to coronary heart disease per 100,000 people over time.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Iowa	149.9	150.1	143.0	134.3	139.3	132.0	126.5	118.7	119.3	117.0	107.4	105.0	102.8	103.0	101.1	101.5	103.3
United States	153.2	148.2	138.3	129.2	126.1	117.7	113.7	109.2	105.4	102.6	98.8	97.2	94.3	92.9	90.9	88.0	91.8

Note: No county data available. See data source and methodology for more details.



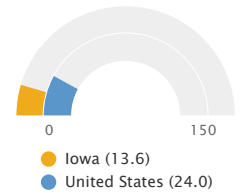
Mortality - Poisoning

This indicator reports the 2016-2020 five-year average rate of death due to poisoning (including drug overdose) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because poisoning deaths, especially from drug overdose, are a national public health emergency.

Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Boone County, IA	26,375	13	No data	No data
Iowa	3,151,036	2,063	13.1	13.6
United States	326,747,554	389,651	23.9	24.0

Poisoning Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER. 2016-2020. Source geography: County



[View larger map](#)

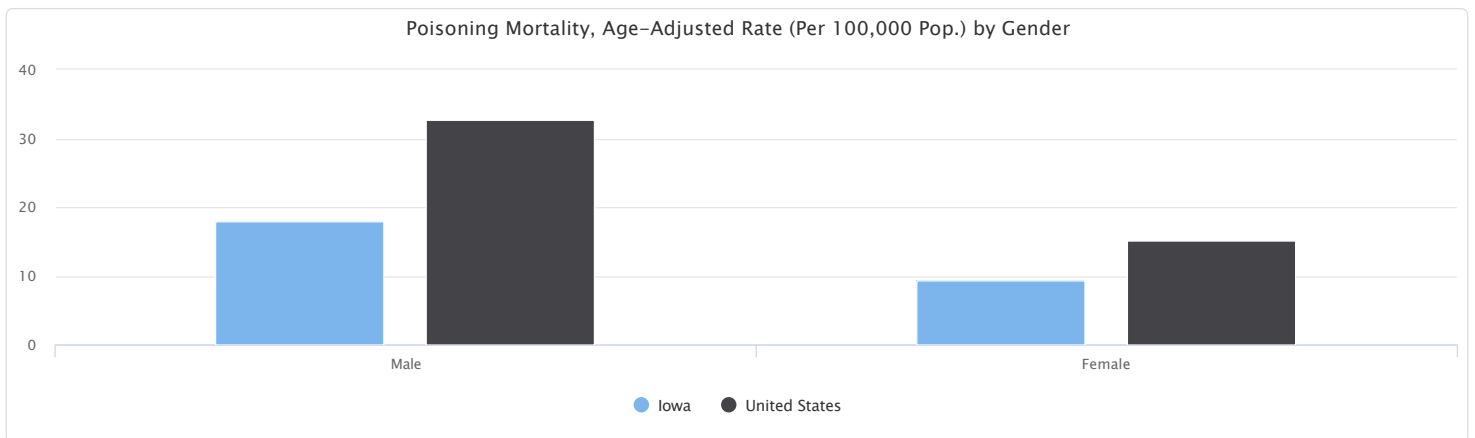
Poisoning Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, CDC NVSS 2016-20

- Over 25.0
- 20.1 - 25.0
- 10.1 - 20.0
- Under 10.1
- Data Suppressed (<20 Deaths)
- Boone County, IA

Poisoning Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to poisoning (including drug poisoning) per 100,000 people by gender.

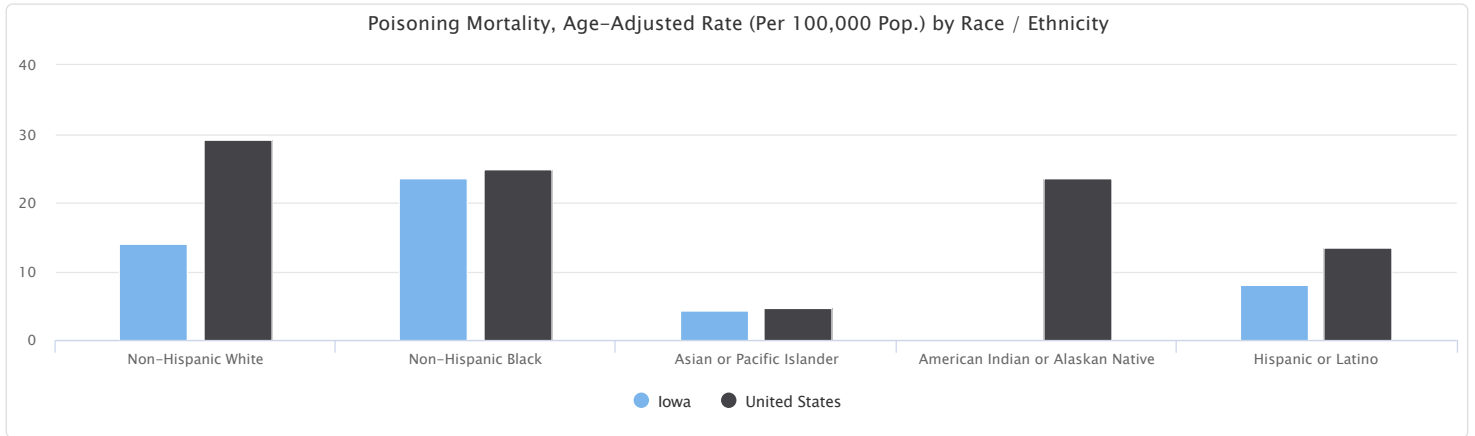
Report Area	Male	Female
Boone County, IA	No data	No data
Iowa	17.9	9.3
United States	32.8	15.2



Poisoning Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted rate of death due to poisoning (including drug poisoning) per 100,000 people by race and Hispanic origin.

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Boone County, IA	No data	No data	No data	No data	No data
Iowa	14.0	23.5	4.3	No data	8.0
United States	29.2	24.9	4.7	23.6	13.5

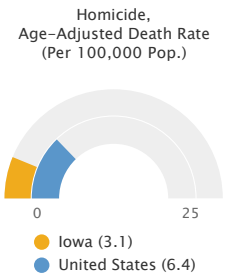


Mortality - Homicide

This indicator reports the 2016-2020 five-year average rate of death due to assault (homicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because homicide rate is a measure of poor community safety and is a leading cause of premature death.

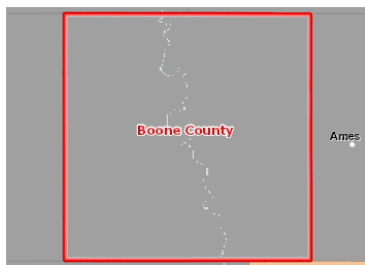
Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Boone County, IA	26,375	No data	No data	No data
Iowa	3,151,036	456	2.9	3.1
United States	326,747,554	101,419	6.2	6.4



Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER. 2016-2020. Source geography: County



[View larger map](#)

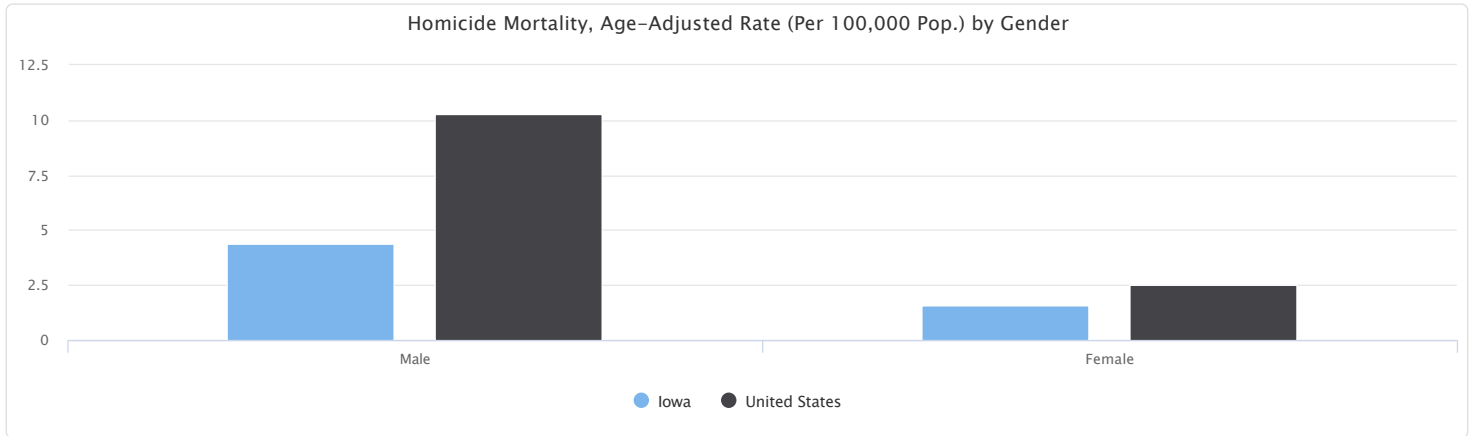
Homicide Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, CDC NVSS 2016-20

- Over 9.0
- 6.1 - 9.0
- 3.1 - 6.0
- Under 3.1
- Data Suppressed (<20 Deaths)
- Boone County, IA

Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to homicide per 100,000 people by gender.

Report Area	Male	Female
Boone County, IA	No data	No data
Iowa		4.4
United States		10.3

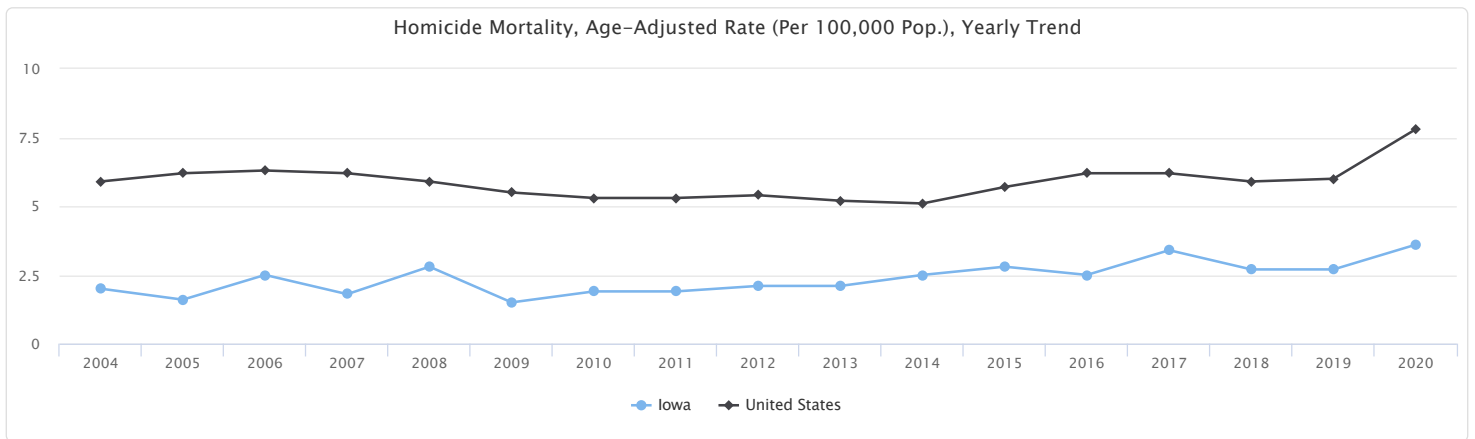


Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.), Yearly Trend

This indicator reports the age-adjusted rate of death due to homicide per 100,000 people over time.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Iowa	2.0	1.6	2.5	1.8	2.8	1.5	1.9	1.9	2.1	2.1	2.5	2.8	2.5	3.4	2.7	2.7	3.6
United States	5.9	6.2	6.3	6.2	5.9	5.5	5.3	5.3	5.4	5.2	5.1	5.7	6.2	6.2	5.9	6.0	7.8

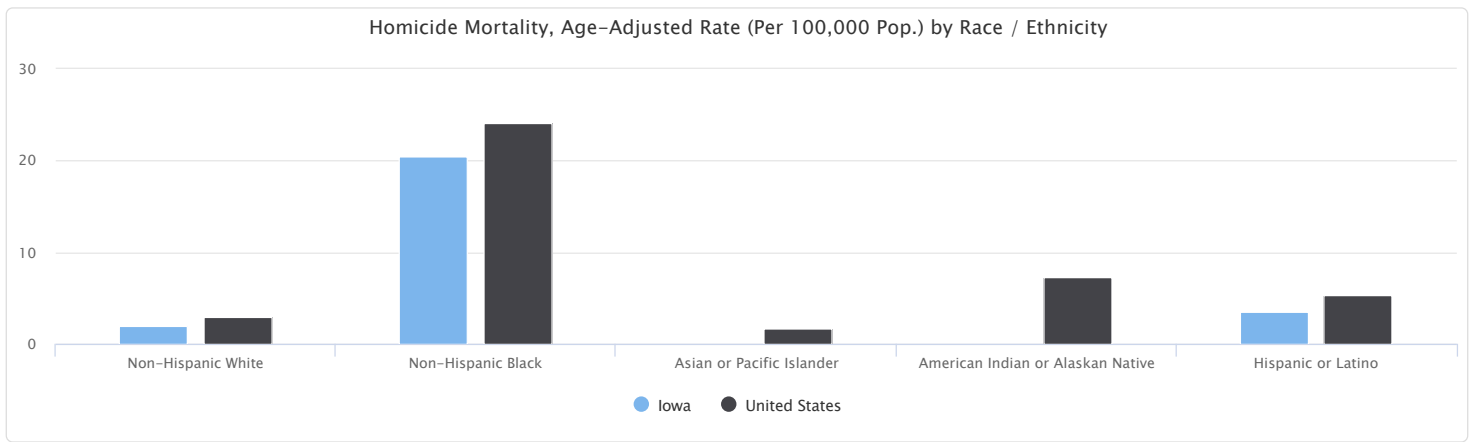
Note: No county data available. See data source and methodology for more details.



Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted rate of death due to homicide per 100,000 people by race and Hispanic origin.

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Boone County, IA	No data	No data	No data	No data	No data
Iowa	2.0	20.5	No data	No data	3.5
United States	2.9	24.1	1.7	7.3	5.3



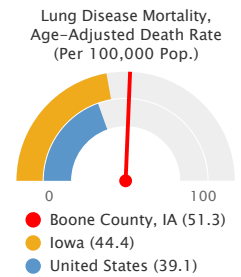
Mortality - Lung Disease

This indicator reports the 2016-2020 five-year average rate of death due to chronic lower respiratory disease per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because lung disease is a leading cause of death in the United States.

Within the report area, there are a total of 96 deaths due to lung disease. This represents an age-adjusted death rate of 51.3 per every 100,000 total population.

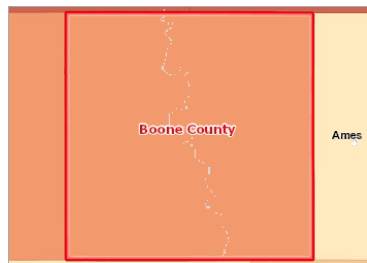
Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Boone County, IA	26,375	96	72.8	51.3
Iowa	3,151,036	9,390	59.6	44.4
United States	326,747,554	783,919	48.0	39.1



Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER. 2016-2020. Source geography: County



[View larger map](#)

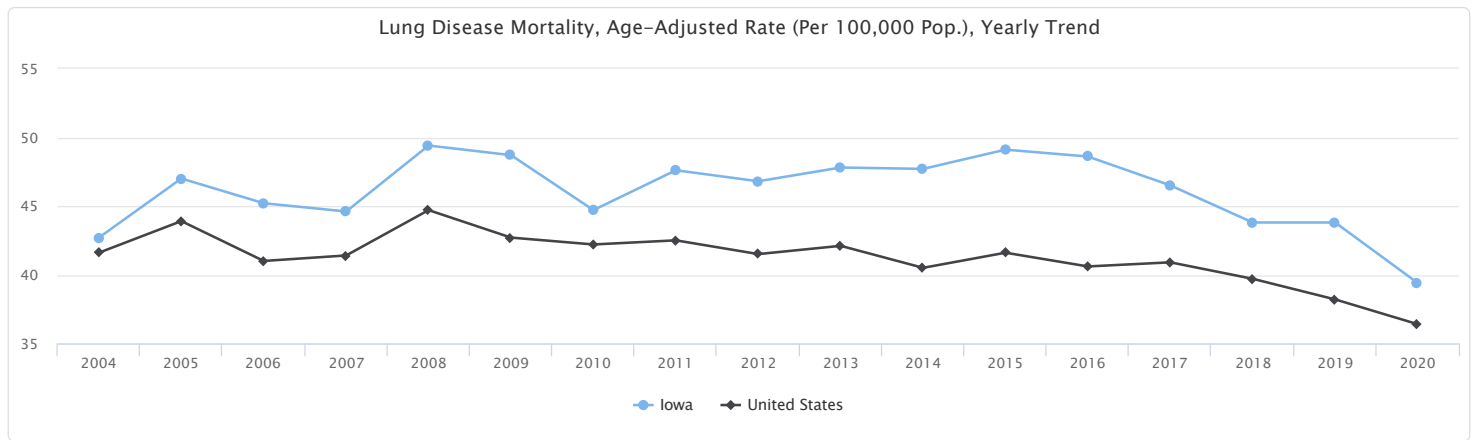
Lung Disease Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, CDC NVSS 2016-20

- Over 60.0
- 50.1 - 60.0
- 40.1 - 50.0
- Under 40.1
- Data Suppressed (<10 Deaths)
- Boone County, IA

Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.), Yearly Trend

This indicator reports the age-adjusted rate of death due to lung disease per 100,000 people over time.

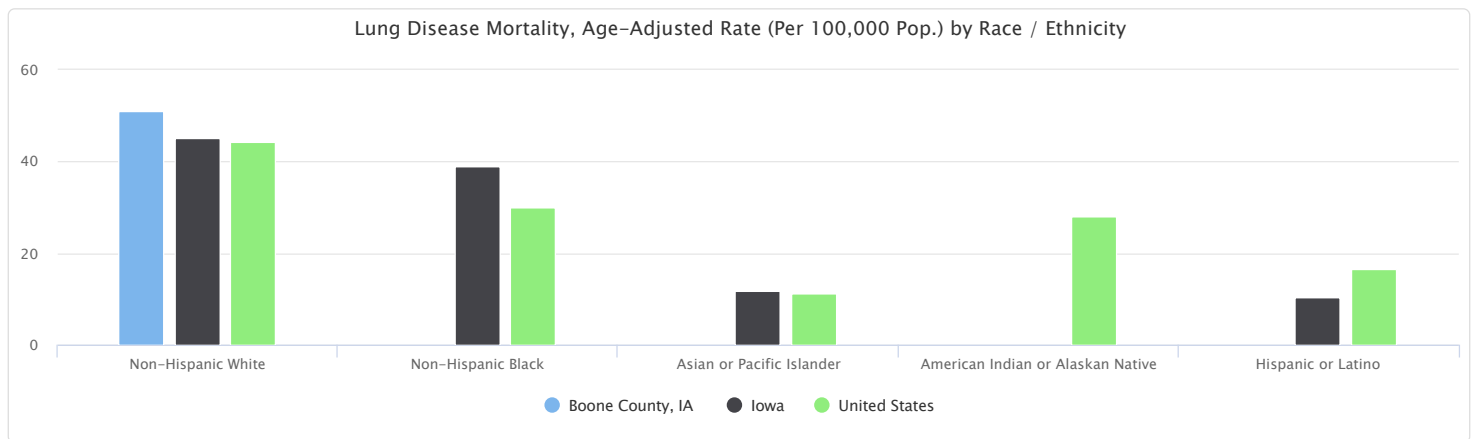
Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Iowa	42.7	47.0	45.2	44.6	49.4	48.7	44.7	47.6	46.8	47.8	47.7	49.1	48.6	46.5	43.8	43.8	39.4
United States	41.6	43.9	41.0	41.4	44.7	42.7	42.2	42.5	41.5	42.1	40.5	41.6	40.6	40.9	39.7	38.2	36.4



Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted rate of death due to lung disease per 100,000 people by race and Hispanic origin.

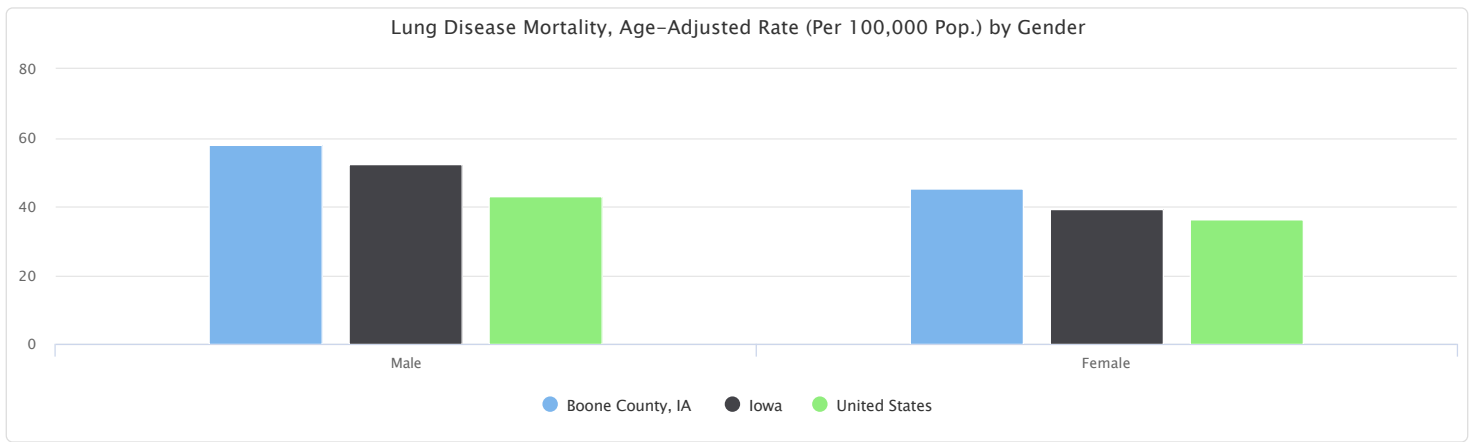
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Boone County, IA	50.9	No data	No data	No data	No data
Iowa	45.2	39.0	11.9	No data	10.3
United States	44.4	29.9	11.3	27.9	16.6



Lung Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to lung disease per 100,000 people by gender.

Report Area	Male	Female
Boone County, IA	58.1	45.1
Iowa	52.2	39.1
United States	43.0	36.3



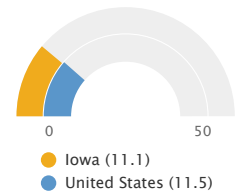
Mortality - Motor Vehicle Crash

This indicator reports the 2016-2020 five-year average rate of death due to motor vehicle crash per 100,000 population, which include collisions with another motor vehicle, a nonmotorist, a fixed object, and a non-fixed object, an overturn, and any other non-collision. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. This indicator is relevant because motor vehicle crash deaths are preventable and they are a cause of premature death.

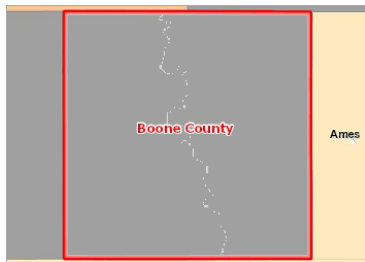
Note: Fatality counts are based on the location of the crash and not the decedent's residence.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Boone County, IA	26,375	16	No data	No data
Iowa	3,151,036	1,806	11.5	11.1
United States	326,747,554	193,691	11.9	11.5

Motor Vehicle Crash Mortality, Age-Adjusted Death Rate (Per 100,000 Pop.)



Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER. 2016-2020. Source geography: County



[View larger map](#)

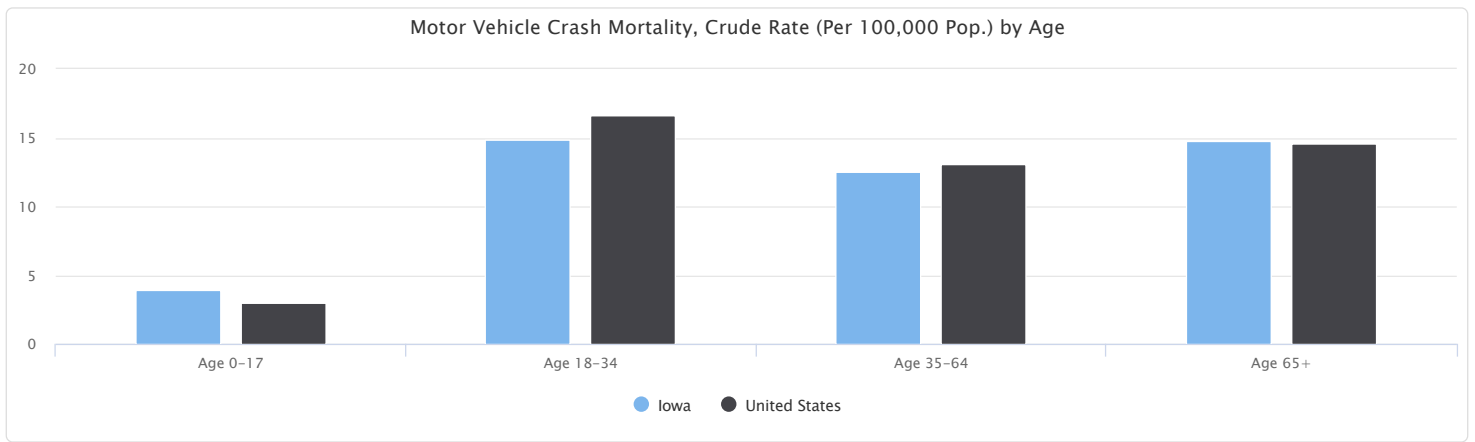
Motor Vehicle Crash Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, CDC NVSS 2016-20

- Over 25.0
- 20.1 - 25.0
- 10.1 - 20.0
- Under 10.1
- Data Suppressed (<20 Deaths)
- Boone County, IA

Motor Vehicle Crash Mortality, Crude Rate (Per 100,000 Pop.) by Age

This table reports the crude rate of death due to motor vehicle crash per 100,000 people by age.

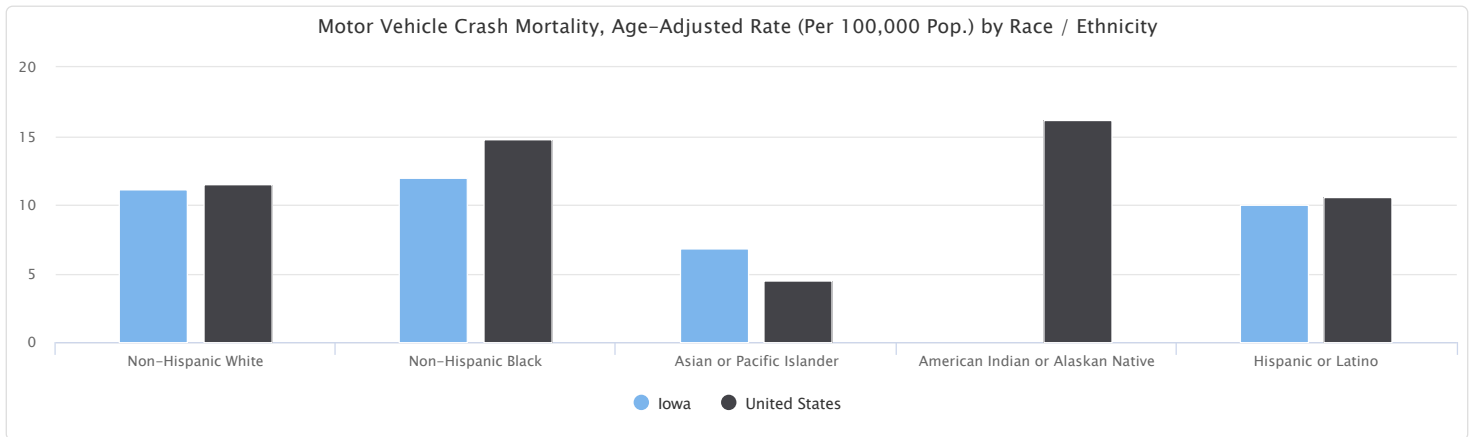
Report Area	Age 0-17	Age 18-34	Age 35-64	Age 65+
Boone County, IA	No data	No data	No data	No data
Iowa	3.9	14.9	12.5	14.8
United States	3.0	16.6	13.1	14.6



Motor Vehicle Crash Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports age-adjusted rate of death due to motor vehicle crash per 100,000 people by race and Hispanic origin.

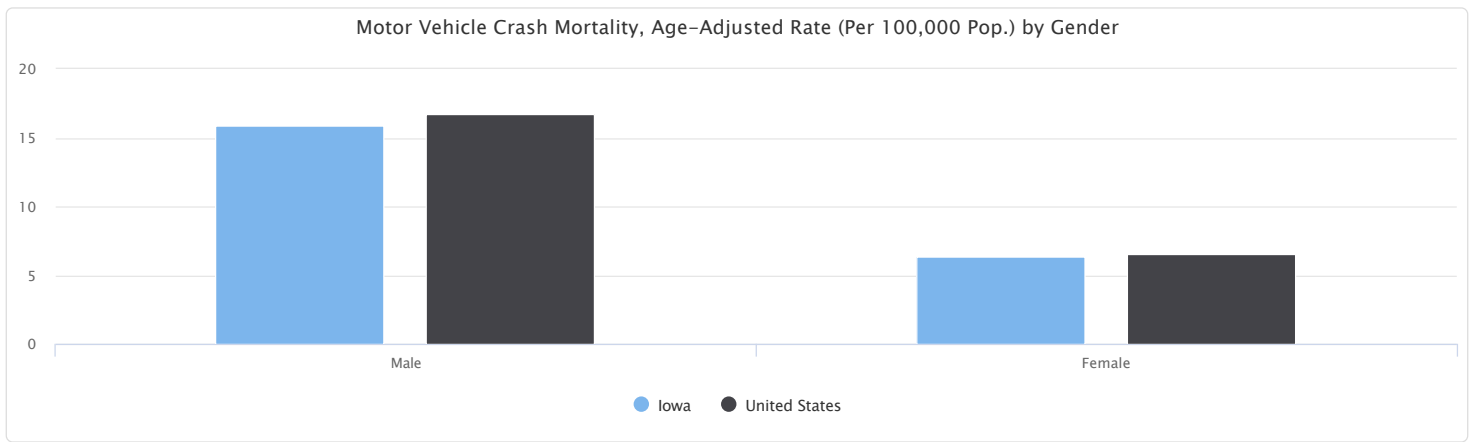
Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Boone County, IA	No data	No data	No data	No data	No data
Iowa	11.1	12.0	6.8	No data	10.0
United States	11.5	14.8	4.5	16.2	10.6



Motor Vehicle Crash Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

This table reports age-adjusted rate of death due to motor vehicle crash per 100,000 people by gender.

Report Area	Male	Female
Boone County, IA	No data	No data
Iowa	15.9	6.4
United States	16.7	6.5

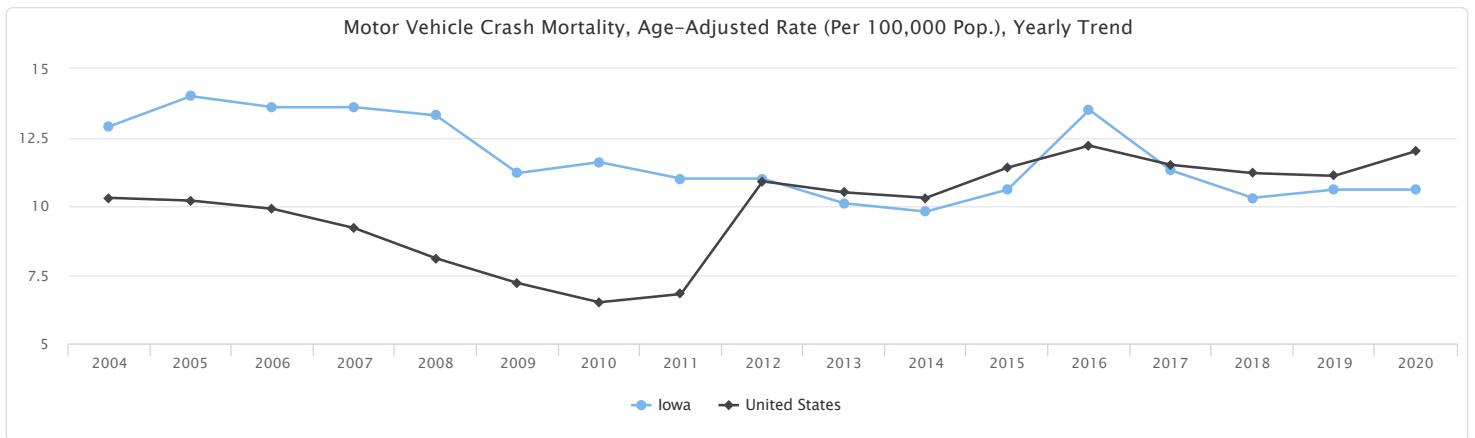


Motor Vehicle Crash Mortality, Age-Adjusted Rate (Per 100,000 Pop.), Yearly Trend

The table below shows age-adjusted death rates due to motor vehicle crash per 100,000 people over time.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Iowa	12.9	14.0	13.6	13.6	13.3	11.2	11.6	11.0	11.0	10.1	9.8	10.6	13.5	11.3	10.3	10.6	10.6
United States	10.3	10.2	9.9	9.2	8.1	7.2	6.5	6.8	10.9	10.5	10.3	11.4	12.2	11.5	11.2	11.1	12.0

Note: No county data available. See data source and methodology for more details.



Mortality - Premature Death

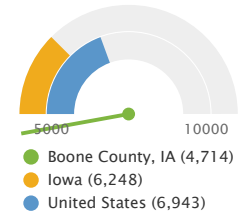
This indicator reports the Years of Potential Life Lost (YPLL) before age 75 per 100,000 population for all causes of death. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. YPLL measures premature death and is calculated by subtracting the age of death from the 75 year benchmark. Data were from the National Center for Health Statistics - Mortality Files (2017-2019) and are used for the 2021 County Health Rankings. This indicator is relevant because a measure of premature death can provide a unique and comprehensive look at overall health status.

Within the report area, there are a total of 300 premature deaths. This represents an age-adjusted death rate of 4,714 per every 100,000 total population.

Note: Data are suppressed for counties with fewer than 20 deaths in the three-year time frame.

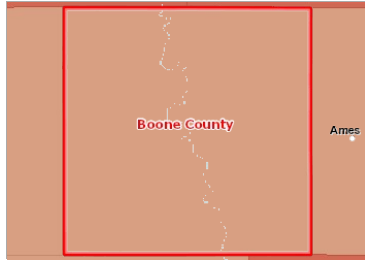
Report Area	Premature Deaths, 2017-2019	Years of Potential Life Lost, 2017-2019 Average	Years of Potential Life Lost, Rate per 100,000 Population
Boone County, IA	300	3,438	4,714
Iowa	71,366	1,089,638	6,248
United States	7,697,253	126,961,190	6,943

Years of Potential Life Lost, Rate per 100,000 Population



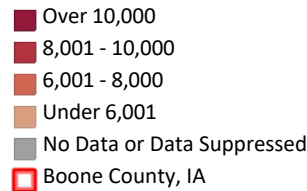
Note: This indicator is compared to the state average.

Data Source: University of Wisconsin Population Health Institute, [County Health Rankings](#), 2017-2019. Source geography: County



[View larger map](#)

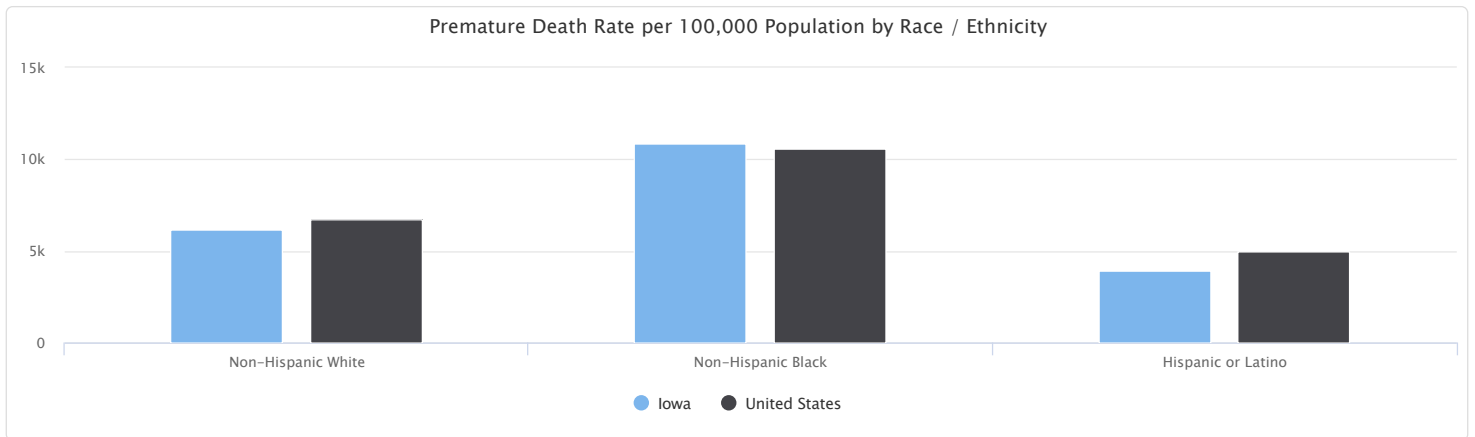
Premature Death (YPLL), Years Lost Rate (Per 100,000 Pop.) by County, CDC NVSS 2017-2019



Premature Death Rate per 100,000 Population by Race / Ethnicity

This indicator reports age-adjusted rate of death due to Years of Potential Life Lost (YPLL) before age 75 per 100,000 people by race and Hispanic origin.

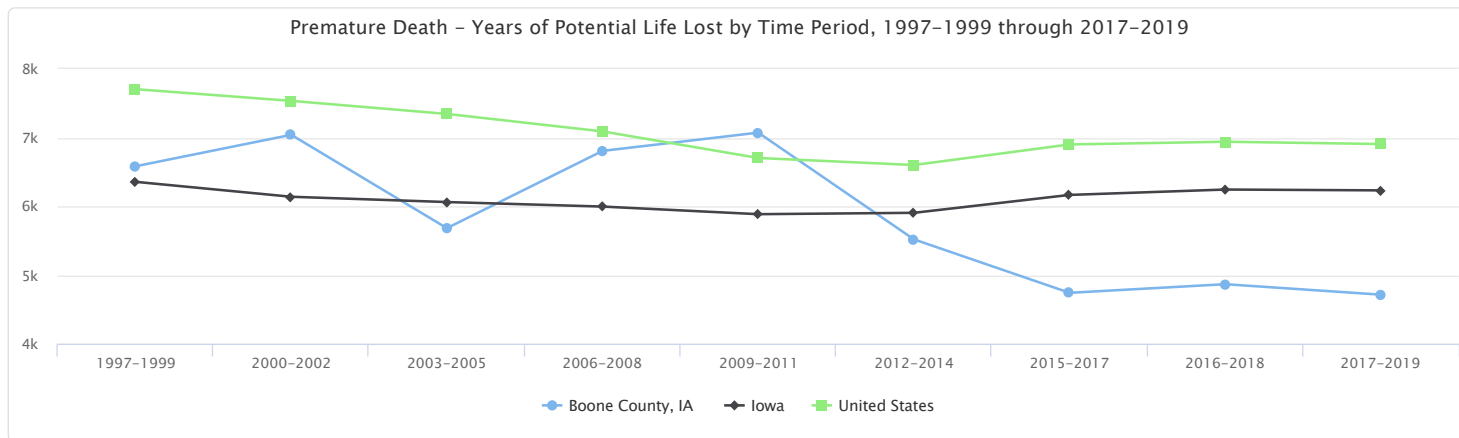
Report Area	Non-Hispanic White	Non-Hispanic Black	Hispanic or Latino
Boone County, IA	No data	No data	No data
Iowa	6,184.1	10,848.2	3,955.8
United States	6,744.0	10,554.0	4,966.6



Premature Death - Years of Potential Life Lost by Time Period, 1997-1999 through 2017-2019

The table below shows age-adjusted death rates due to Years of Potential Life Lost (YPLL) before age 75 per 100,000 people over time.

Report Area	1997-1999	2000-2002	2003-2005	2006-2008	2009-2011	2012-2014	2015-2017	2016-2018	2017-2019
Boone County, IA	6,582.9	7,041.0	5,682.2	6,806.8	7,072.5	5,518.8	4,741.1	4,866.6	4,714.2
Iowa	6,356.4	6,139.2	6,062.3	5,996.4	5,885.5	5,905.5	6,165.9	6,244.3	6,232.2
United States	7,705.2	7,535.0	7,345.0	7,090.5	6,703.7	6,601.2	6,900.6	6,940.1	6,906.6



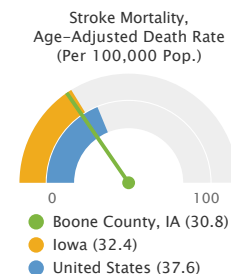
Mortality - Stroke

This indicator reports the 2016-2020 five-year average rate of death due to cerebrovascular disease (stroke) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States.

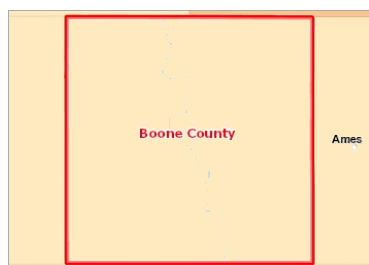
Within the report area, there are a total of 62 deaths due to stroke. This represents an age-adjusted death rate of 30.8 per every 100,000 total population.

Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Boone County, IA	26,375	62	47.0	30.8
Iowa	3,151,036	7,064	44.8	32.4
United States	326,747,554	746,604	45.7	37.6



*Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER. 2016-2020. Source geography: County*



[View larger map](#)

Stroke Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, CDC NVSS 2016-20

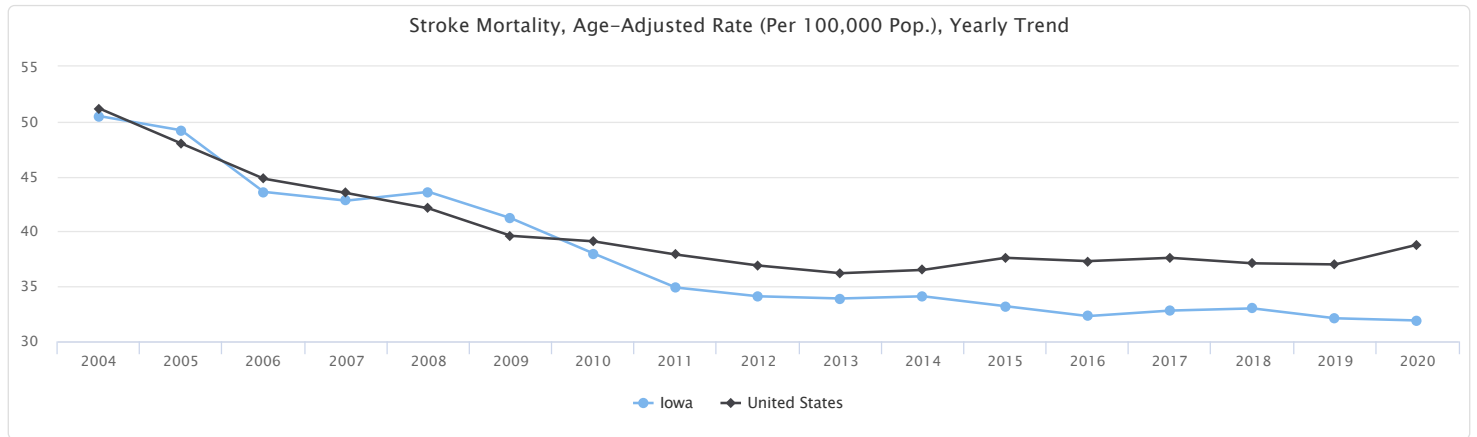
- Over 70.0
- 55.1 - 70.0
- 40.1 - 55.0
- Under 40.1
- Data Suppressed (<20 Deaths)
- Boone County, IA

Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.), Yearly Trend

This indicator age-adjusted rate of death due to stroke per 100,000 people over time.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Iowa	50.5	49.2	43.6	42.8	43.6	41.2	38.0	34.9	34.1	33.9	34.1	33.2	32.3	32.8	33.0	32.1	31.9
United States	51.2	48.0	44.8	43.5	42.1	39.6	39.1	37.9	36.9	36.2	36.5	37.6	37.3	37.6	37.1	37.0	38.8

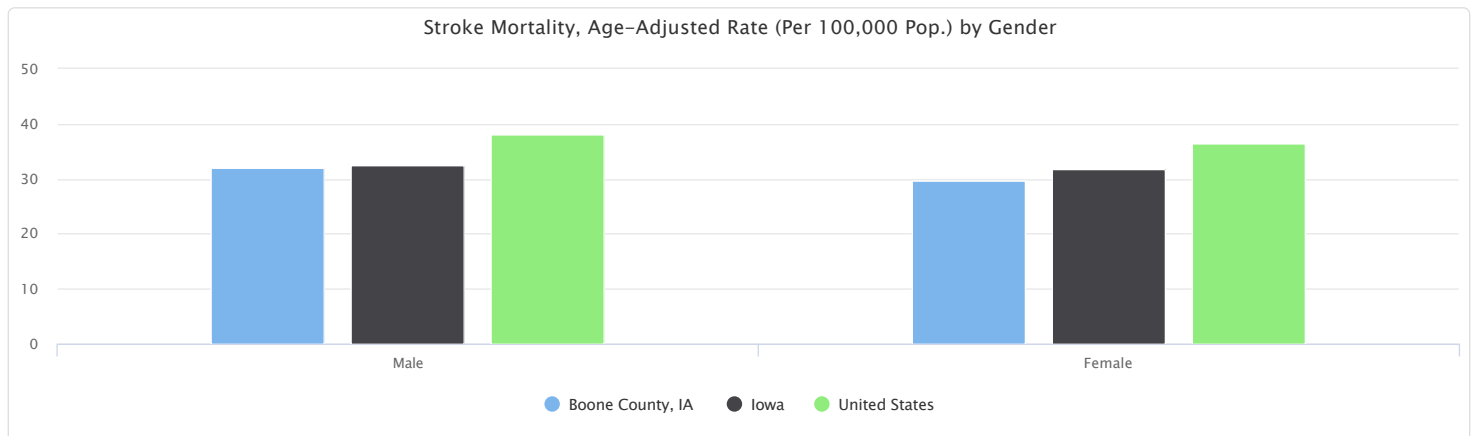
Note: No county data available. See data source and methodology for more details.



Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to stroke per 100,000 people by gender.

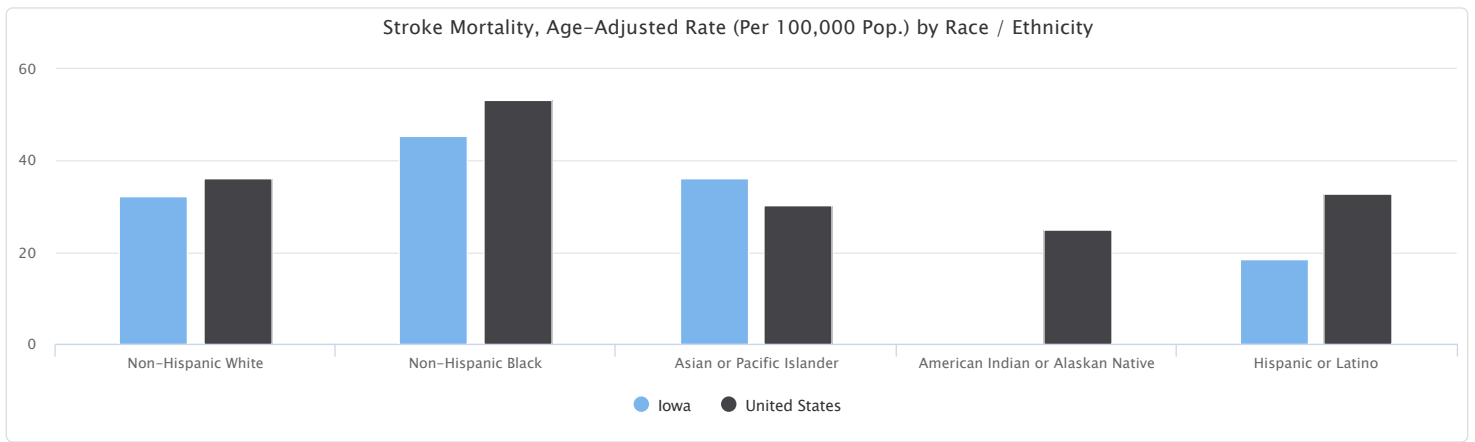
Report Area	Male	Female
Boone County, IA	31.9	29.6
Iowa	32.5	31.8
United States	38.1	36.5



Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted rate of death due to stroke per 100,000 people by race and Hispanic origin.

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Iowa	32.3	45.4	36.3	No data	18.4
United States	36.2	53.3	30.4	24.9	32.8

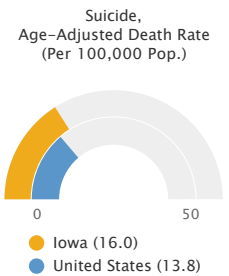


Mortality - Suicide

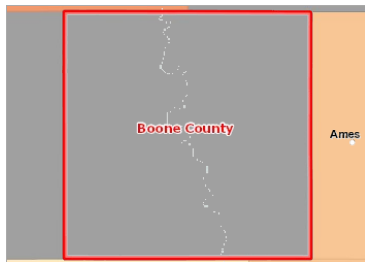
This indicator reports the 2016-2020 five-year average rate of death due to intentional self-harm (suicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health.

Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Boone County, IA	26,375	16	No data	No data
Iowa	3,151,036	2,500	15.9	16.0
United States	326,747,554	233,972	14.3	13.8



*Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER. 2016-2020. Source geography: County*



[View larger map](#)

Suicide Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, CDC NVSS 2016-20

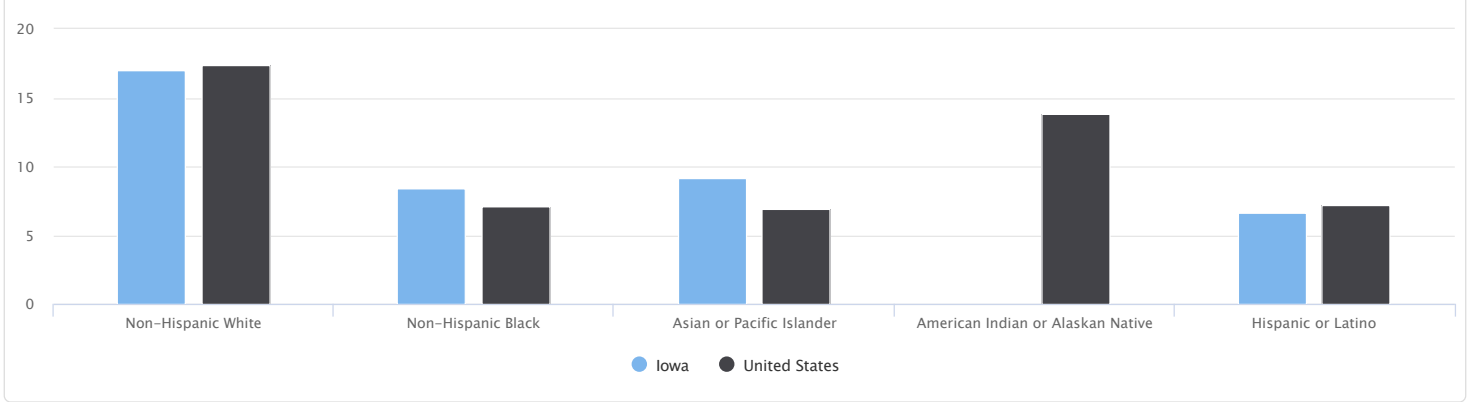
- Over 20.0
- 16.1 - 20.0
- 12.1 - 16.0
- Under 12.1
- Data Suppressed (<20 Deaths)
- Boone County, IA

Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted rate of death due to suicide per 100,000 people by race and Hispanic origin.

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Boone County, IA	No data	No data	No data	No data	No data
Iowa	17.0	8.4	9.2	No data	6.6
United States	17.4	7.1	6.9	13.8	7.2

Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity



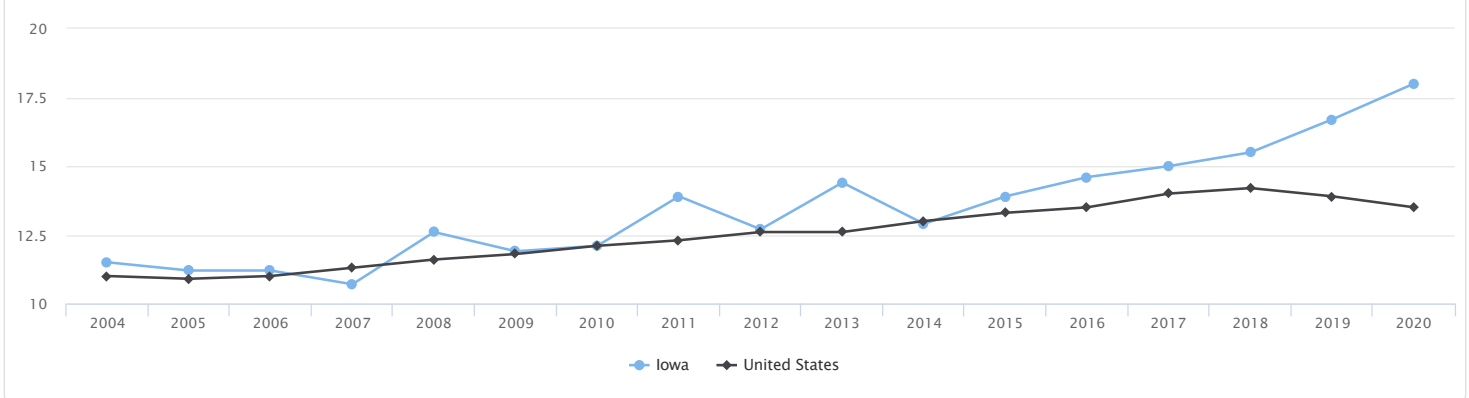
Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.), Yearly Trend

This indicator reports the age-adjusted rate of death due to suicide per 100,000 people over time.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Iowa	11.5	11.2	11.2	10.7	12.6	11.9	12.1	13.9	12.7	14.4	12.9	13.9	14.6	15.0	15.5	16.7	18.0
United States	11.0	10.9	11.0	11.3	11.6	11.8	12.1	12.3	12.6	12.6	13.0	13.3	13.5	14.0	14.2	13.9	13.5

Note: No county data available. See data source and methodology for more details.

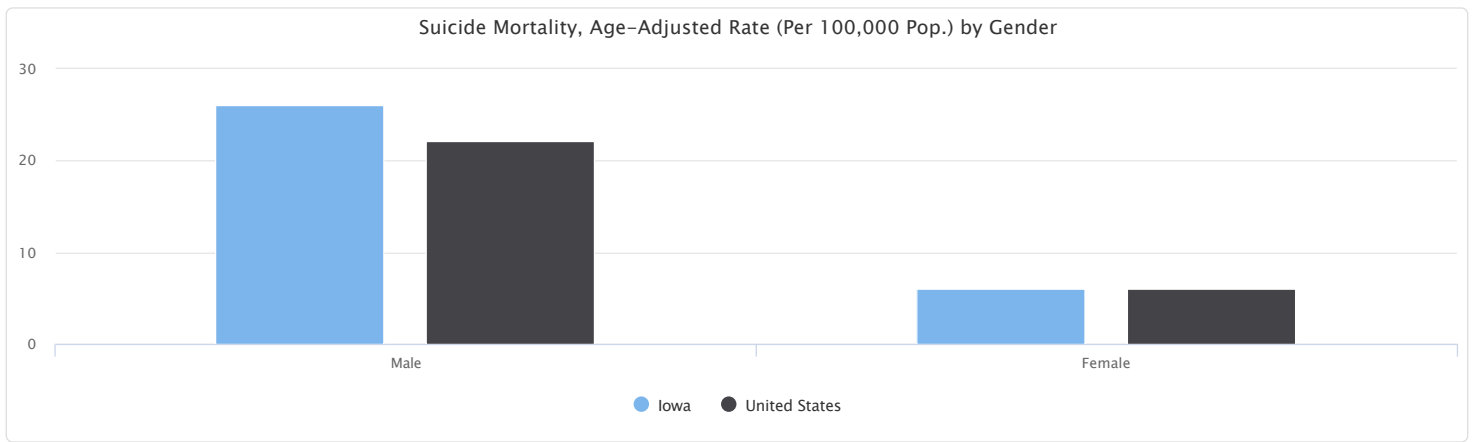
Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.), Yearly Trend



Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to suicide per 100,000 people by gender.

Report Area	Male	Female
Boone County, IA	No data	No data
Iowa	26.1	6.0
United States	22.2	6.0



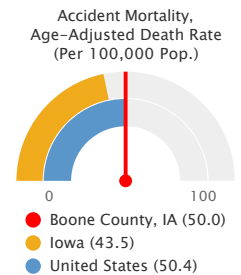
Mortality - Unintentional Injury (Accident)

This indicator reports the 2016-2020 five-year average rate of death due to unintentional injury (accident) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because accidents are a leading cause of death in the United States.

Within the report area, there are a total of 84 deaths due to unintentional injury. This represents an age-adjusted death rate of 50.0 per every 100,000 total population.

Note: Data are suppressed for counties with fewer than 20 deaths in the time frame.

Report Area	Total Population, 2016-2020 Average	Five Year Total Deaths, 2016-2020 Total	Crude Death Rate (Per 100,000 Population)	Age-Adjusted Death Rate (Per 100,000 Population)
Boone County, IA	26,375	84	63.7	50.0
Iowa	3,151,036	7,809	49.6	43.5
United States	326,747,554	872,432	53.4	50.4



Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, CDC - National Vital Statistics System. Accessed via CDC WONDER. 2016-2020. Source geography: County



[View larger map](#)

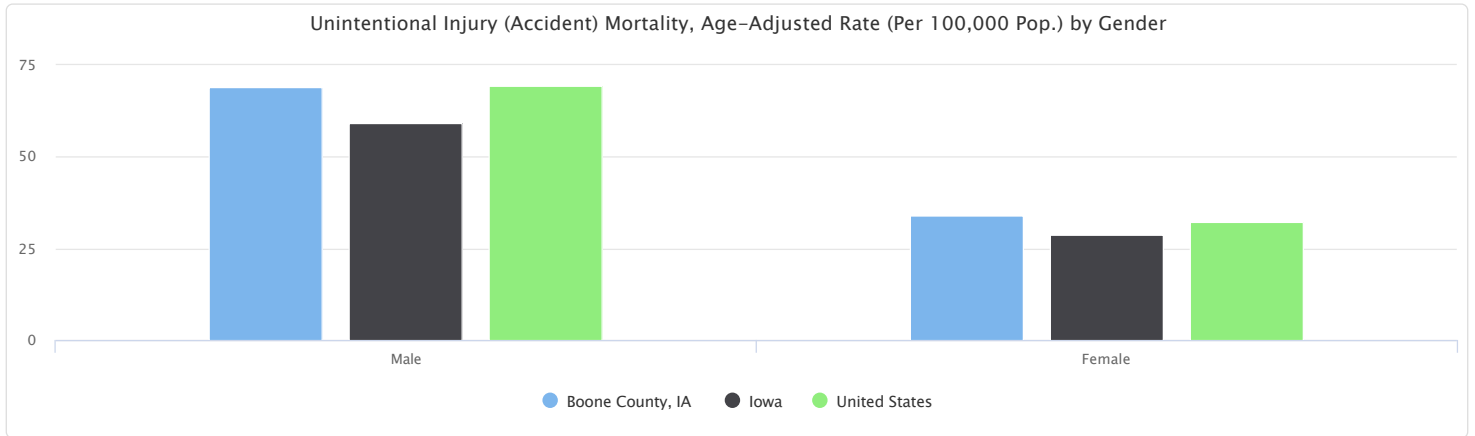
Unintentional Injury (Accident) Mortality, Age Adj. Rate (Per 100,000 Pop.) by County, CDC NVSS 2016-20

- Over 70.0
- 50.1 - 70.0
- 40.1 - 50.0
- Under 40.1
- Data Suppressed (<20 Deaths)
- Boone County, IA

Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Gender

This table reports the age-adjusted rate of death due to unintentional injury (accident) per 100,000 people by gender.

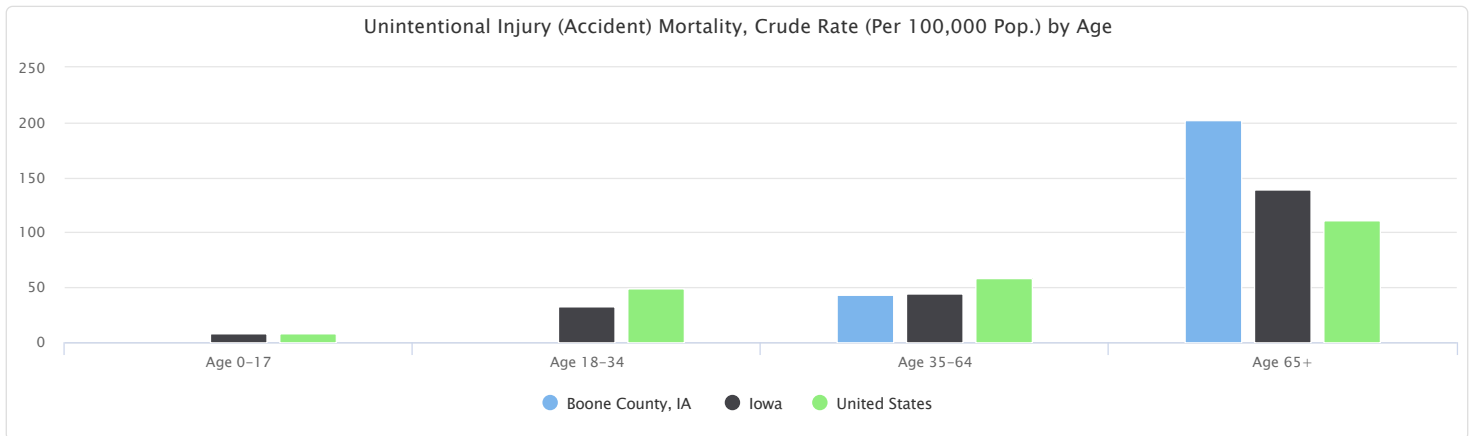
Report Area	Male	Female
Boone County, IA	69.1	34.1
Iowa	59.1	28.8
United States	69.5	32.1



Unintentional Injury (Accident) Mortality, Crude Rate (Per 100,000 Pop.) by Age

This table reports the crude rate of death due to unintentional injury (accident) per 100,000 people by age.

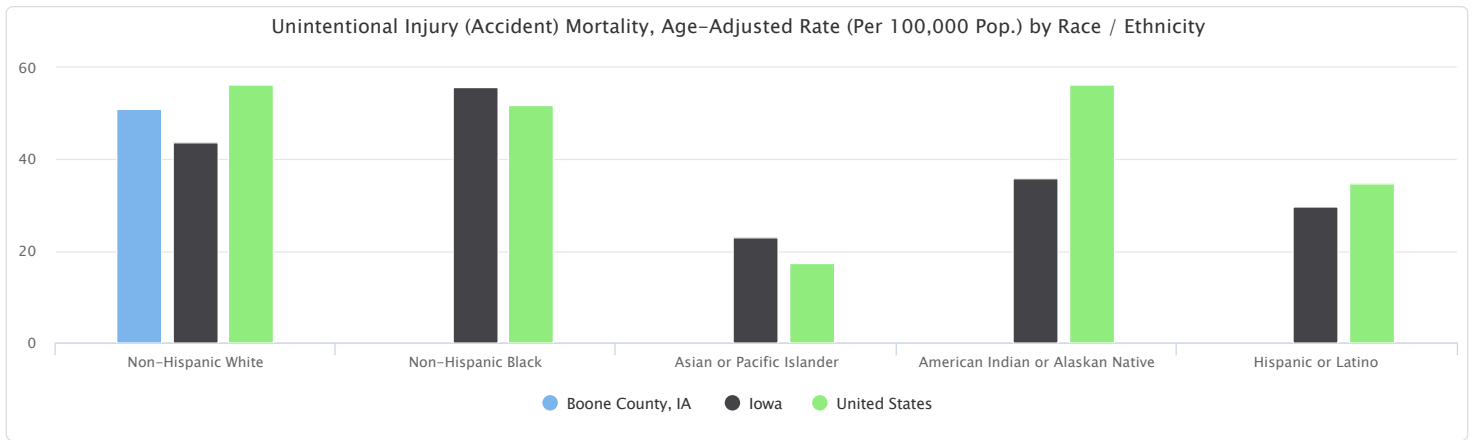
Report Area	Age 0-17	Age 18-34	Age 35-64	Age 65+
Boone County, IA	No data	No data	43.0	201.7
Iowa	8.4	33.2	44.1	138.8
United States	7.6	49.6	58.6	110.4



Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (Per 100,000 Pop.) by Race / Ethnicity

This table reports the age-adjusted rate of death due to unintentional injury (accident) per 100,000 people by race and Hispanic origin.

Report Area	Non-Hispanic White	Non-Hispanic Black	Asian or Pacific Islander	American Indian or Alaskan Native	Hispanic or Latino
Boone County, IA	50.9	No data	No data	No data	No data
Iowa	43.8	55.9	23.0	35.9	29.7
United States	56.3	51.8	17.4	56.3	34.7

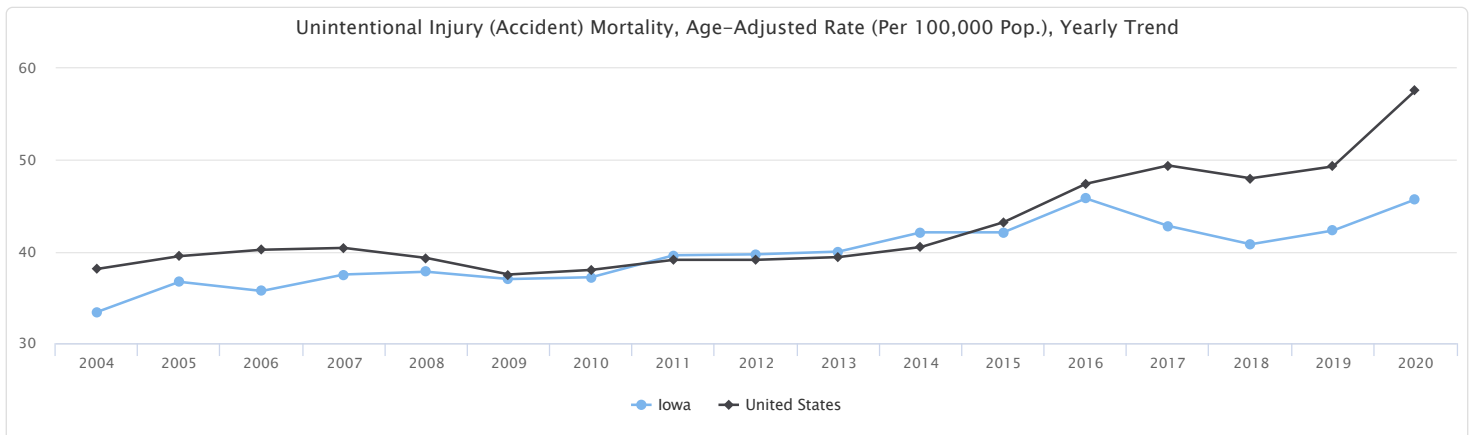


Unintentional Injury (Accident) Mortality, Age-Adjusted Rate (Per 100,000 Pop.), Yearly Trend

This indicator reports the age-adjusted rate of death due to unintentional injury (accident) per 100,000 people over time.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Iowa	33.4	36.7	35.7	37.5	37.8	37.0	37.2	39.6	39.7	40.0	42.1	42.1	45.8	42.8	40.8	42.3	45.7
United States	38.1	39.5	40.2	40.4	39.3	37.5	38.0	39.1	39.1	39.4	40.5	43.2	47.4	49.4	48.0	49.3	57.6

Note: No county data available. See data source and methodology for more details.



Obesity

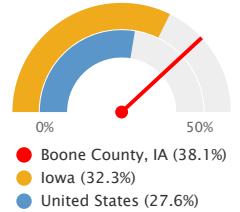
This indicator reports the number and percentage of adults aged 20 and older self-report having a Body Mass Index (BMI) greater than 30.0 (obese). Respondents were considered obese if their Body Mass Index (BMI) was 30 or greater. Body mass index (weight [kg]/height [m]²) was derived from self-report of height and weight. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Within the report area, there are a total of 7,710 adults age 20 and older who self-reported having a BMI greater than 30.0. This represents a 38.1% of the survey population.

Note: In 2021, the CDC updated the methodology used to produce estimates for this indicator. Estimated values for prior years (2004 - 2017) have been updated in this platform to allow comparison across years. Use caution when comparing with saved assessments generated prior to November 10, 2021.

Report Area	Population Age 20+	Adults with BMI > 30.0 (Obese)	Adults with BMI > 30.0 (Obese), Percent
Boone County, IA	20,183	7,710	38.1%
Iowa	2,339,100	759,769	32.3%
United States	243,082,729	67,624,774	27.6%

Percentage of Adults Obese (BMI > 30.0), 2019



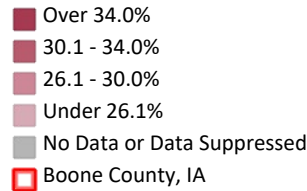
Note: This indicator is compared to the state average.

Data Source: Centers for Disease Control and Prevention, National Center for Chronic Disease Prevention and Health Promotion. 2019. Source geography: County



[View larger map](#)

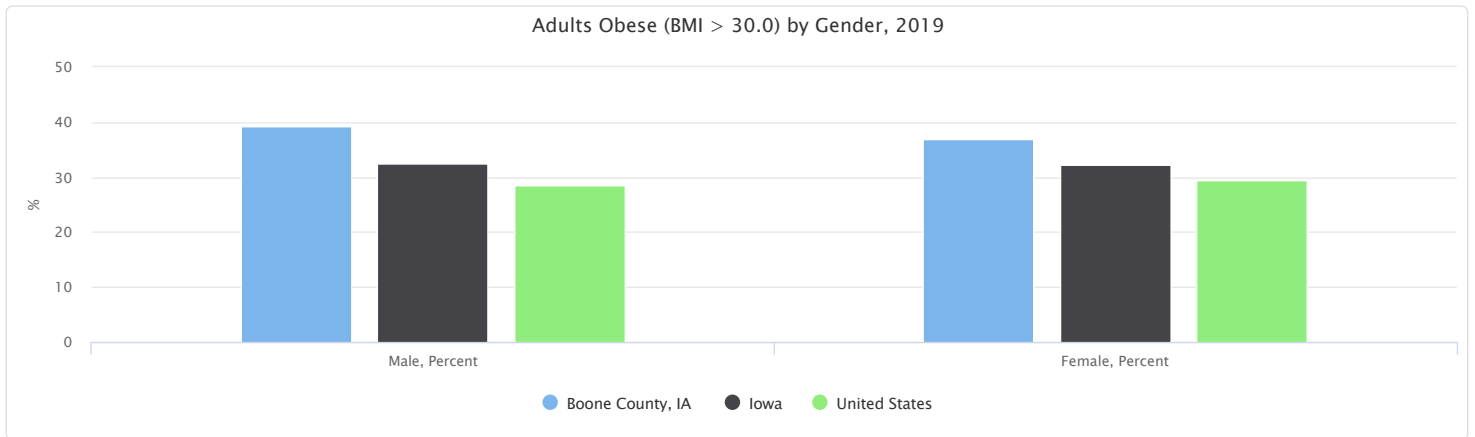
Obese (BMI >= 30), Adults Age 20+, Percent by County, CDC NCCDPHP 2019



Adults Obese (BMI > 30.0) by Gender, 2019

The table below displays national, state, and local variation in the prevalence of obesity among the adult population by gender.

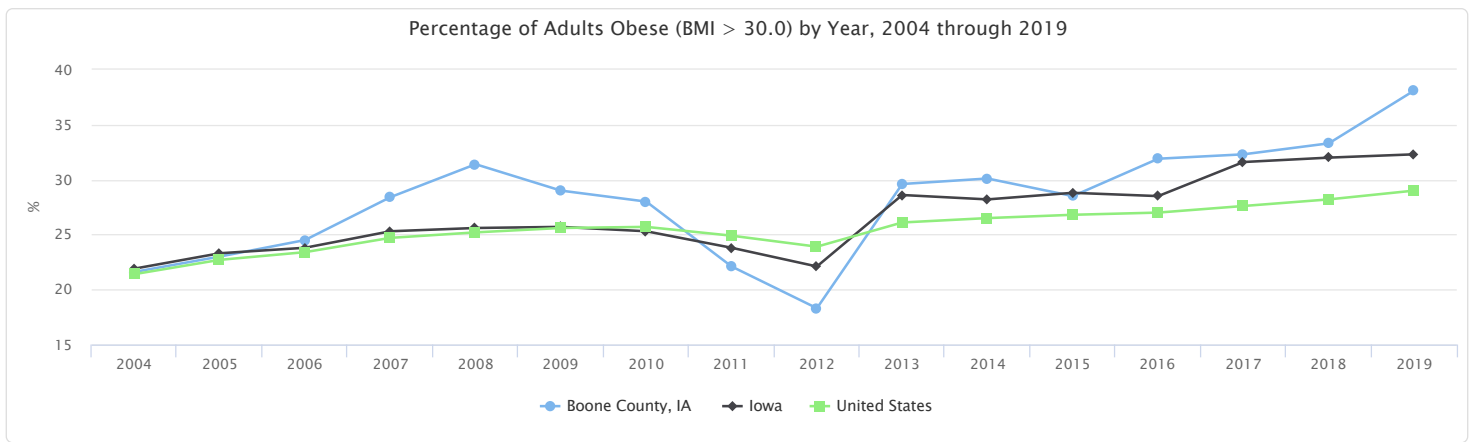
Report Area	Male	Male, Percent	Female	Female, Percent
Boone County, IA	4,000	39.2%	3,709	37.0%
Iowa	379,385	32.5%	380,385	32.2%
United States	33,675,337	28.6%	36,285,952	29.5%



Percentage of Adults Obese (BMI > 30.0) by Year, 2004 through 2019

The table below displays trends in the percentage of adults that are obese over time.

Report Area	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Boone County, IA	21.6%	23.0%	24.5%	28.4%	31.4%	29.0%	28.0%	22.1%	18.3%	29.6%	30.1%	28.5%	31.9%	32.3%	33.3%	38.1%
Iowa	21.9%	23.3%	23.8%	25.3%	25.6%	25.7%	25.3%	23.8%	22.1%	28.6%	28.2%	28.8%	28.5%	31.6%	32.0%	32.3%
United States	21.4%	22.7%	23.4%	24.7%	25.2%	25.6%	25.7%	24.9%	23.9%	26.1%	26.5%	26.8%	27.0%	27.6%	28.2%	29.0%

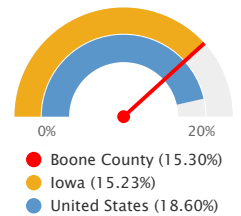


Poor or Fair Health

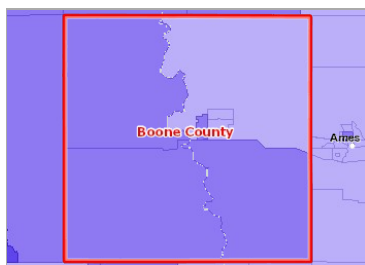
In this report area, the estimated prevalence of fair or poor health among adults aged 18 years and older was 15.30%. This value is based on the crude number of adults who self-report their general health status as “fair” or “poor.”

Report Area	Total Population (2019)	Adults with Poor or Fair General Health (Crude)	Adults with Poor or Fair General Health (Age-Adjusted)
Boone County, IA	26,234	15.30%	14.10%
Iowa	3,155,070	15.23%	14.57%
United States	328,239,523	18.60%	17.80%

Percentage of Adults with Poor or Fair General Health

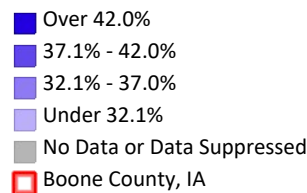


Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System. Accessed via the PLACES Data Portal. 2019. Source geography: Tract



[View larger map](#)

High Blood Pressure, Prevalence Among Adults Age 18+ by Tract, CDC BRFSS PLACES Project 2019



Special Topics - COVID-19

Indicators in this section are part of a series of rotating special topics. These indicators are publicly available to all users to help inform response to current events.

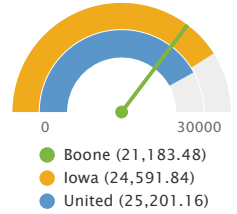
COVID-19 - Confirmed Cases

This indicator reports incidence rate of confirmed COVID-19 cases per 100,000 population. Data for this indicator are updated daily and derived from the Johns Hopkins University data feed.

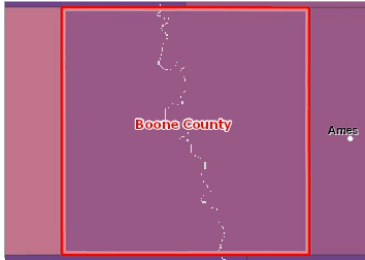
In the report area, there have been 5,581 total confirmed cases of COVID-19. The rate of confirmed cases is 21,183.48 per 100,000 population, which is less than the state average of 24,591.84. Data are current as of 05/27/2022.

Report Area	Total Population	Total Confirmed Cases	Confirmed Cases, Rate per 100,000 Population	Last Update
Boone County, IA	26,346	5,581	21,183.48	05/27/2022
Iowa	3,156,145	776,154	24,591.84	05/27/2022
United States	326,262,499	82,221,926	25,201.16	05/27/2022

COVID-19 Cases, Rate per 100,000 Population

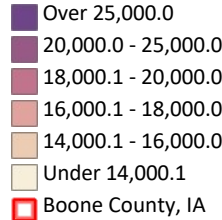


Note: This indicator is compared to the state average.
 Data Source: Johns Hopkins University. Accessed via ESRI. Additional data analysis by CARES. 2022. Source geography: County

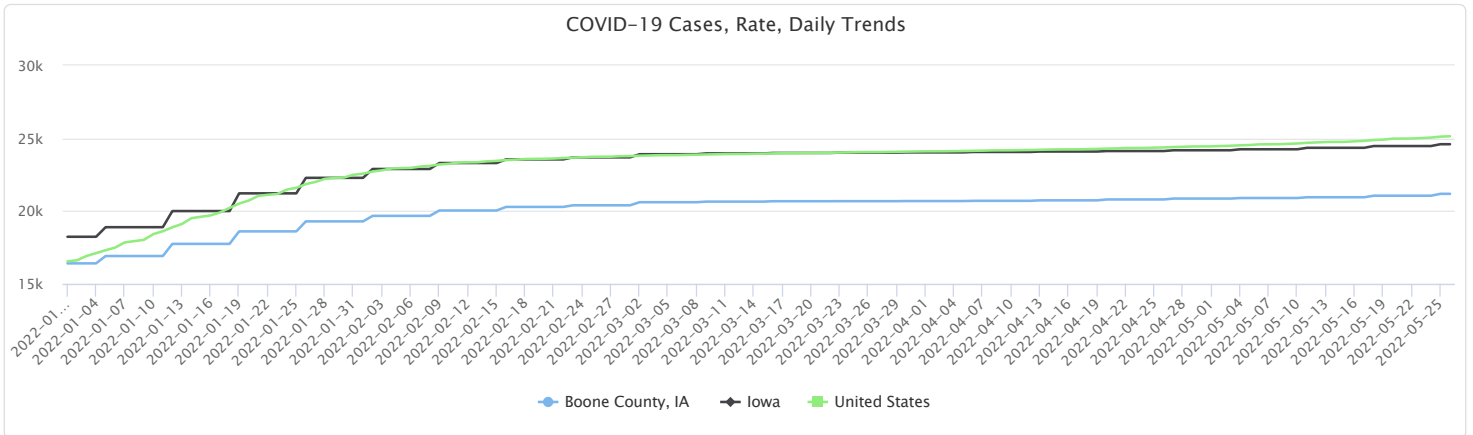


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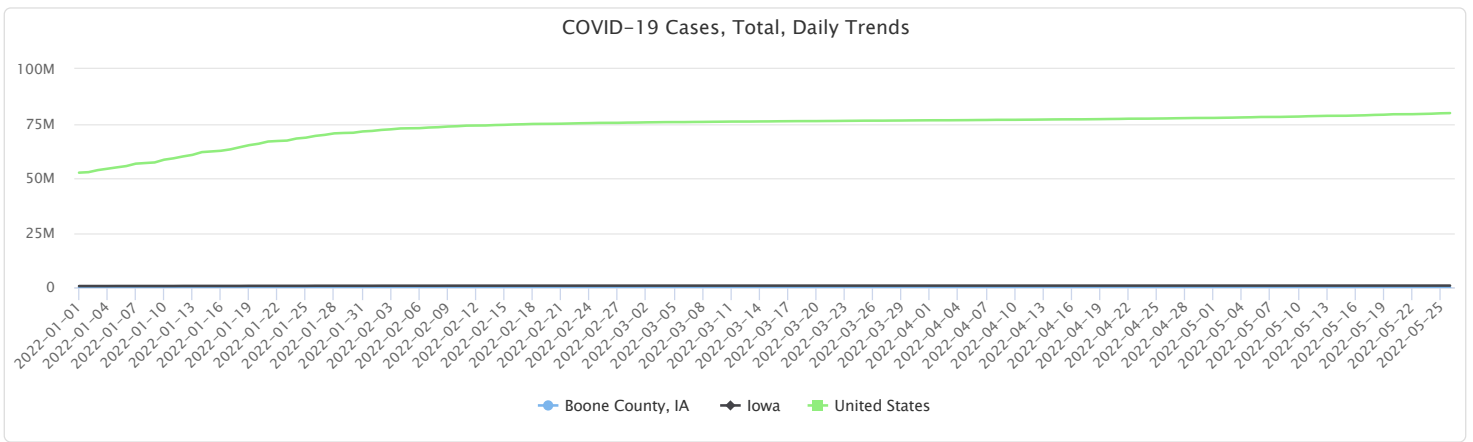
COVID-19 Cases, Rate per 100,000 by County, Johns Hopkins 2022



The chart below displays local, state, and national trends in the cumulative rate of laboratory confirmed COVID-19 cases per 100,000 total population.



The chart below displays local, state, and national trends in the cumulative number of laboratory confirmed COVID-19 cases.
 Note: To view trends for a single locality, toggle "off" the state and national trend line by clicking on the legend icon below the graph.

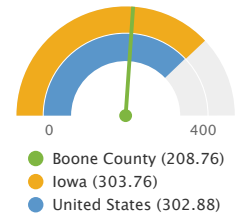


COVID-19 - Mortality

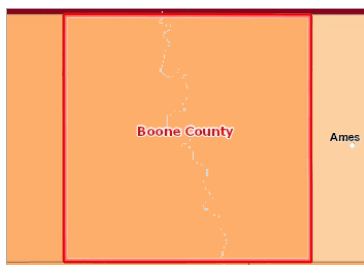
In the report area, there have been 55 total deaths among patients with confirmed cases of the coronavirus disease COVID-19. The mortality rate in the report area is 208.76 per 100,000 population, which is less than the state average of 303.76. Data are current as of 05/27/2022.

Report Area	Total Population	Total Deaths	Deaths, Rate per 100,000 Population	Last Update
Boone County, IA	26,346	55	208.76	05/27/2022
Iowa	3,156,145	9,587	303.76	05/27/2022
United States	326,262,499	988,200	302.88	05/27/2022

COVID-19 Deaths, Crude Rate per 100,000 Population

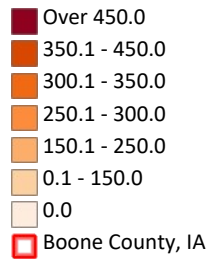


Note: This indicator is compared to the state average.
Data Source: Johns Hopkins University. Accessed via ESRI. Additional data analysis by CARES. 2022. Source geography: County



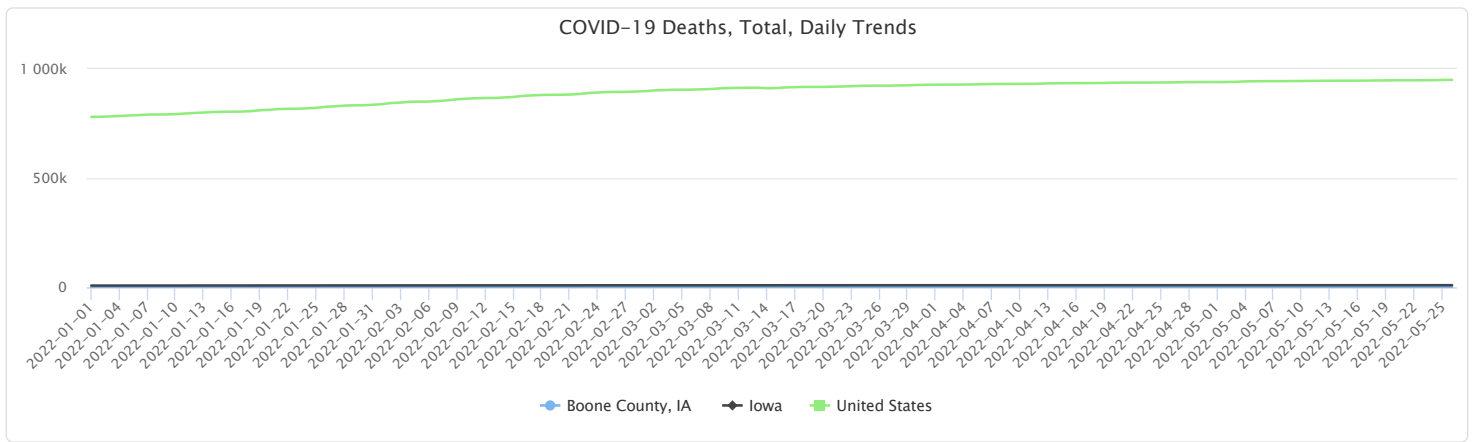
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COVID-19 Deaths, Rate per 100,000 by County, Johns Hopkins 2022

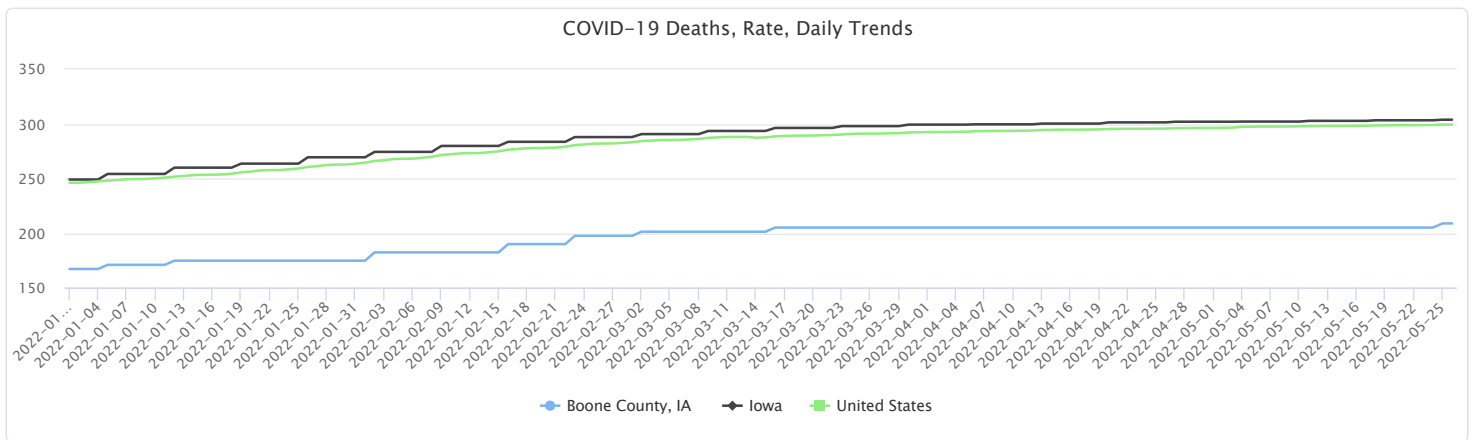


The chart below displays local, state, and national trends in the cumulative number of deaths attributed to COVID-19.

Note: To view trends for a single locality, toggle "off" the state and national trend line by clicking on the legend icon below the graph.



The chart below displays local, state, and national trends in the cumulative rate of COVID-19 deaths per 100,000 total population.



Social Distancing - Mobility Reports (Google)

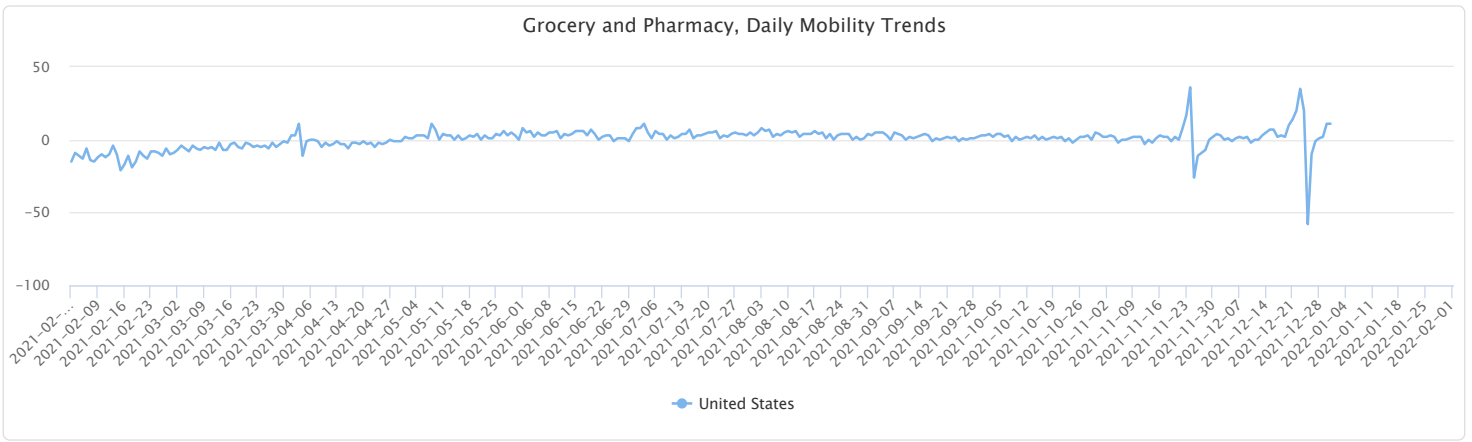
This indicator displays data from the Google mobility reports. These reports show how visits and length of stay at different places change compared to a baseline. The baseline is the *median* value, for the corresponding day of the week, during the 5-week period Jan 3–Feb 6, 2020. Google prepared this report to help you and public health officials understand responses to social-distancing guidance related to COVID-19.

Report Area	Report Date	Retail and recreation	Grocery and pharmacy	Parks	Transit stations	Workplaces	Residential
Boone County, IA	2/1/2022 12:00:00 AM	20%	No data	No data	No data	-15%	5%
Iowa	2/1/2022 12:00:00 AM	-5%	10%	9%	-9%	-16%	6%
United States	2/1/2022 12:00:00 AM	-10%	4%	-8%	-28%	-23%	6%

Data Source: [Google Mobility Reports](#). Accessed via [GitHub](#). Feb 01, 2022. Source geography: County

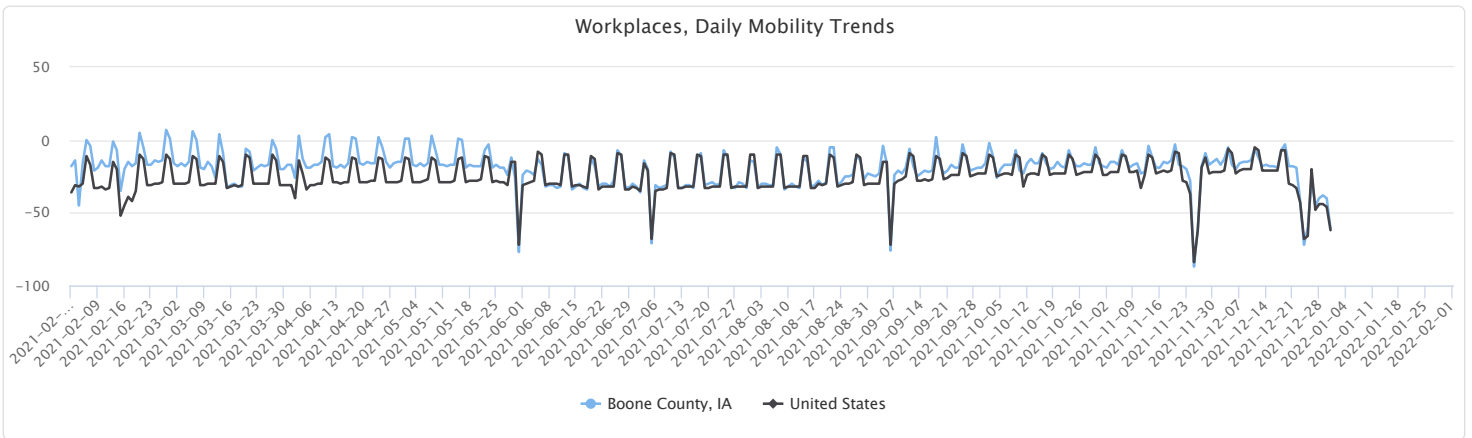
Grocery and Pharmacy, Daily Mobility Trends

The chart below displays daily mobility trends for places like grocery markets, food warehouses, farmers markets, specialty food shops, drug stores, and pharmacies.



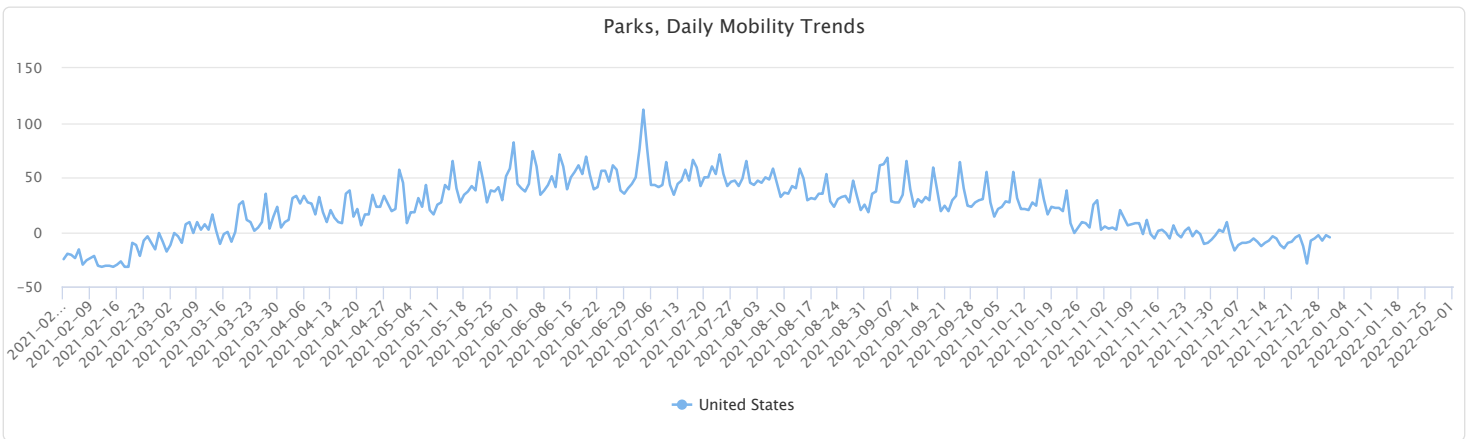
Workplaces, Daily Mobility Trends

The chart below displays daily mobility trends for places of work.



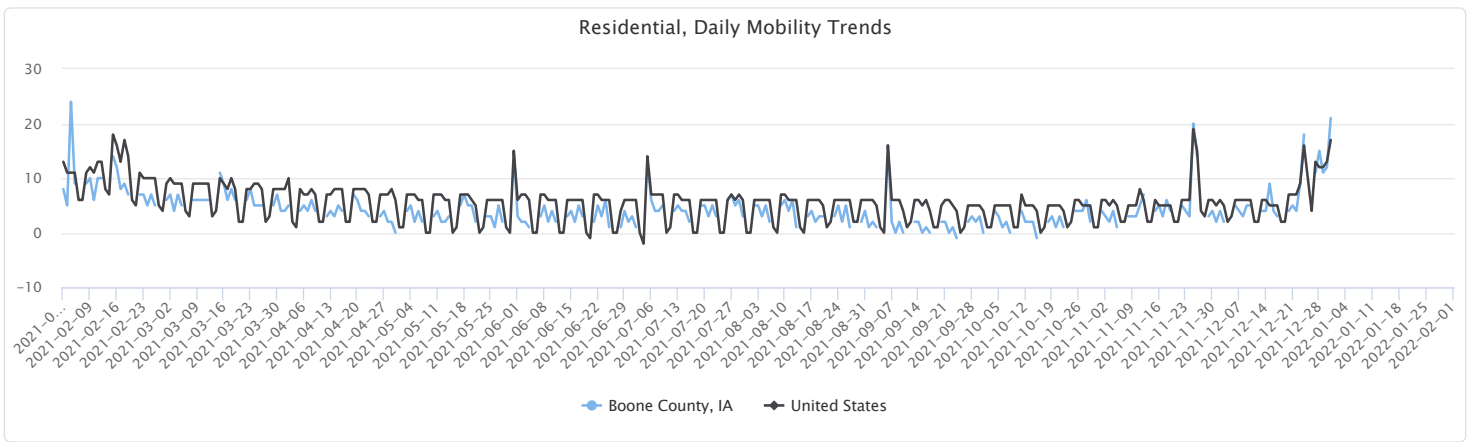
Parks, Daily Mobility Trends

The chart below displays daily mobility trends for places like national parks, public beaches, marinas, dog parks, plazas, and public gardens.



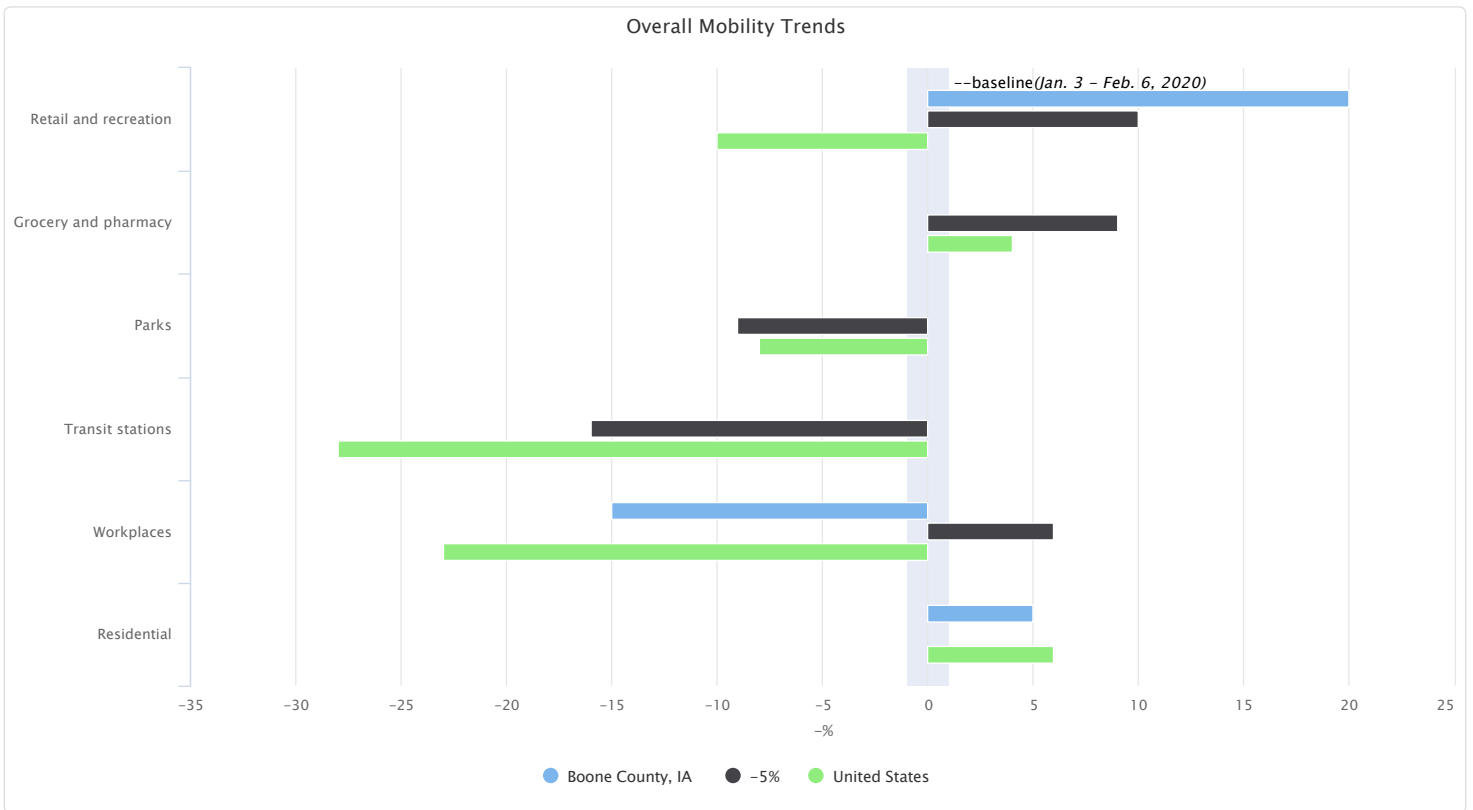
Places of Residence, Daily Mobility Trends

The chart below displays daily mobility trends for places of residence.



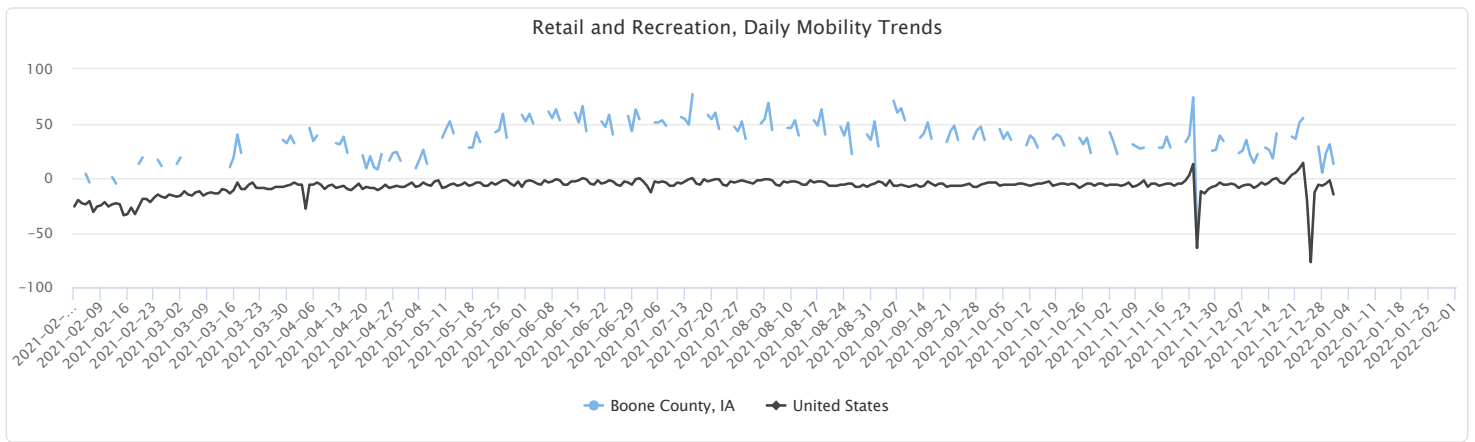
Overall Mobility Trends

The chart below displays the percentage change in mobility (time and frequency of visits) in the report area compared to the January 3 - February 6, 2020 baseline.



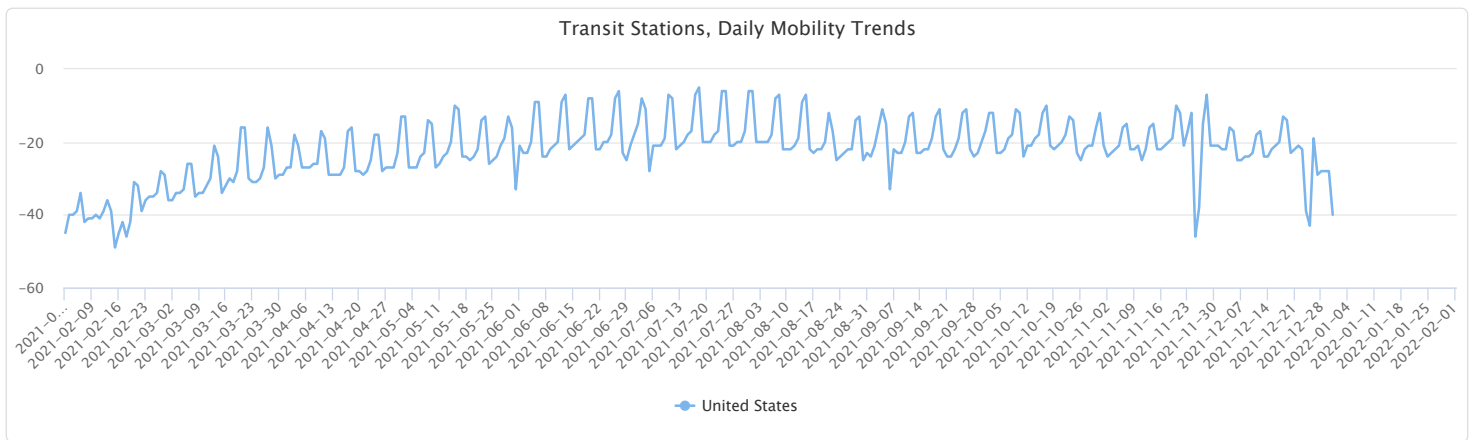
Retail and Recreation, Daily Mobility Trends

The chart below displays daily mobility trends for places like restaurants, cafes, shopping centers, theme parks, museums, libraries, and movie theaters.



Transit Stations, Daily Mobility Trends

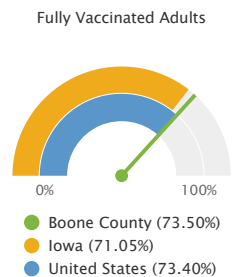
The chart below displays daily mobility trends for places like public transport hubs such as subway, bus, and train stations.



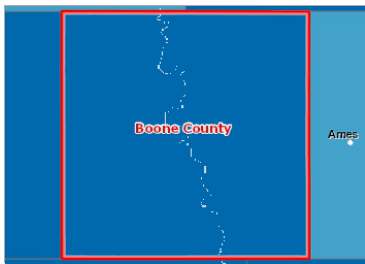
COVID-19 Fully Vaccinated Adults

This indicator reports the percent of adults fully vaccinated for COVID-19. Data is updated daily from the CDC API. Vaccine hesitancy is the percent of the population estimated to be hesitant towards receiving a COVID-19 vaccine. The Vaccine Coverage Index is a score of how challenging vaccine rollout may be in some communities compared to others, with values ranging from 0 (least challenging) to 1 (most challenging).

Report Area	Percent of Adults Fully Vaccinated	Estimated Percent of Adults Hesitant About Receiving COVID-19 Vaccination	Vaccine Coverage Index	Last Update
Boone County, IA	73.50%	11.66%	0.00	05/25/2022
Iowa	71.05%	12.20%	0.04	05/25/2022
United States	73.40%	10.29%	0.44	05/25/2022

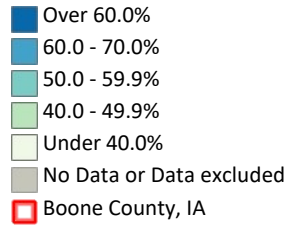


Note: This indicator is compared to the state average.
Data Source: Centers for Disease Control and Prevention and the National Center for Health Statistics, CDC - GRASP. 2022. Source geography: County



[View larger map](#)

Fully Vaccinated Adults (COVID-19), Percent by County, CDC 2022



<https://sparkmap.org>, 5/27/2022