



Maquoketa, Iowa

Demographic Review - Identifying underserved and vulnerable populations

Maquoketa, Iowa Block Group Demographic Analysis 2020

Conducted by Lovely City, LLC
April 2023

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Geographies

Maquoketa, IA Municipal Tracts and Block Groups:
Jackson Co Tract 9505: BG 1,2,3,4
Jackson Co Tract 9506: BG 1,2,3

Data Sets

The following datasets have been collected from the 2020 US Census and the American Community Survey (2021, 5-year estimates) and reviewed to help with planning infrastructure projects.

1. Total Population (ACS 5-Year Estimate Detailed Table, Total Population)
2. Minority residents (Decennial Census, Race; Decennial Census Hispanic and Latino and Not Hispanic or Latino by Race; 2000, 2010, 2020)
3. Youth aged 00-05 years (ACS 5-Year Estimates Subject Tables, Age and Sex)
4. Youth aged 01-14 years (ACS 5-Year Estimates Subject Tables, Age and Sex)
5. Seniors aged 65 years and over (ACS 5-Year Estimates Subject Tables, Age and Sex)
6. Families living in poverty (ACS 5-Year Estimates Detailed Tables, Poverty Status in the Past 12 Months)
7. Households with 1 or more persons with a disability (ACS 5-Year Estimates Detailed Tables, Receipt of Food Stamps in the past 12 Months by Disability Status for Households)
8. Households with No Vehicle Available (ACS 5-Year Estimates Detailed Tables, Tenure by Vehicles Available)

What are Municipal -Level Data and Block Group Level Data?

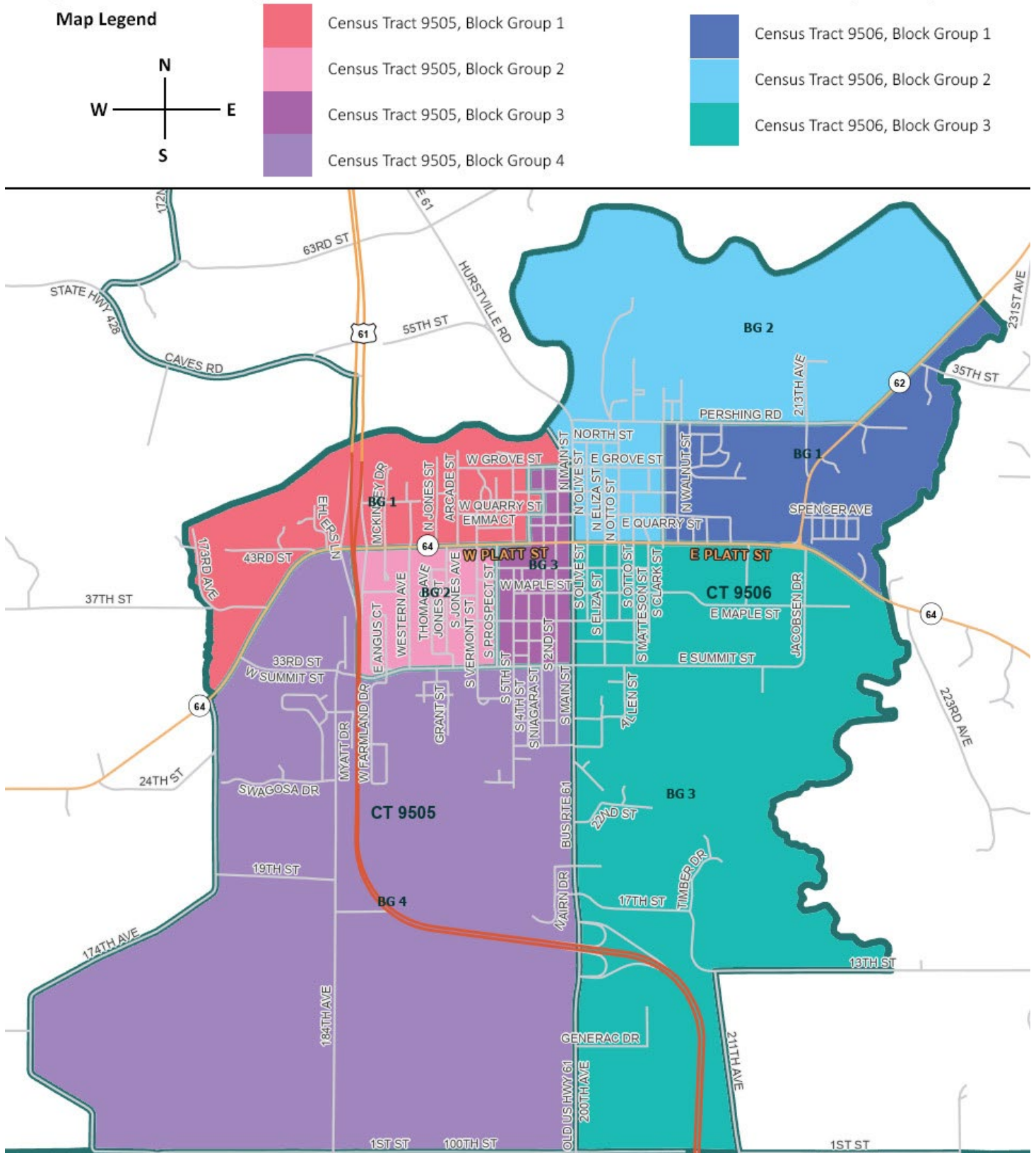
Municipal-Level Data: The data that is available at the municipal level follows Maquoketa’s political boundaries and provides a snapshot of the community within the city limits. This does not include residents who live outside of the boundary, but utilize city services, parks, roads, etc. for their daily needs.

Block Group-Level Data: Block Groups are created by the US Census Bureau. These block groups do not follow a political boundary and in the case of smaller communities, they may include people who live outside of the city limits. Block Groups break up a community into smaller sections to provide more detail about people living in different areas of a city. This allows us to look for population characteristics that may otherwise be less noticeable when viewed at the community level. For the purposes of this review, we will utilize block group-level data.

Maquoketa Block Group Map

Figure 1.1 shows the geographic locations of the block groups in and around Maquoketa.

Figure 1.1 Maquoketa, Iowa Census Tract and Block Group Map



Maquoketa Population 2000-2020

The City of Maquoketa municipal population is approximately 6,128 with populations of the block groups listed below totaling 6,372 (US Census Bureau, 2020).

Between 2010 and 2020, the state of Iowa grew at a rate of 4.7%, from 3,046,355 to 3,190,369 (US Census Bureau, 2020). The city of Maquoketa saw a decrease in population of -0.2% during the same period with a change from 6,141 to 6,128 (US Census Bureau, 2020). During the same time period, minority residents increased from 274 to 510, an increase of 86.13%; white residents decreased from 6,104 to 5,753, a change of -5.75%

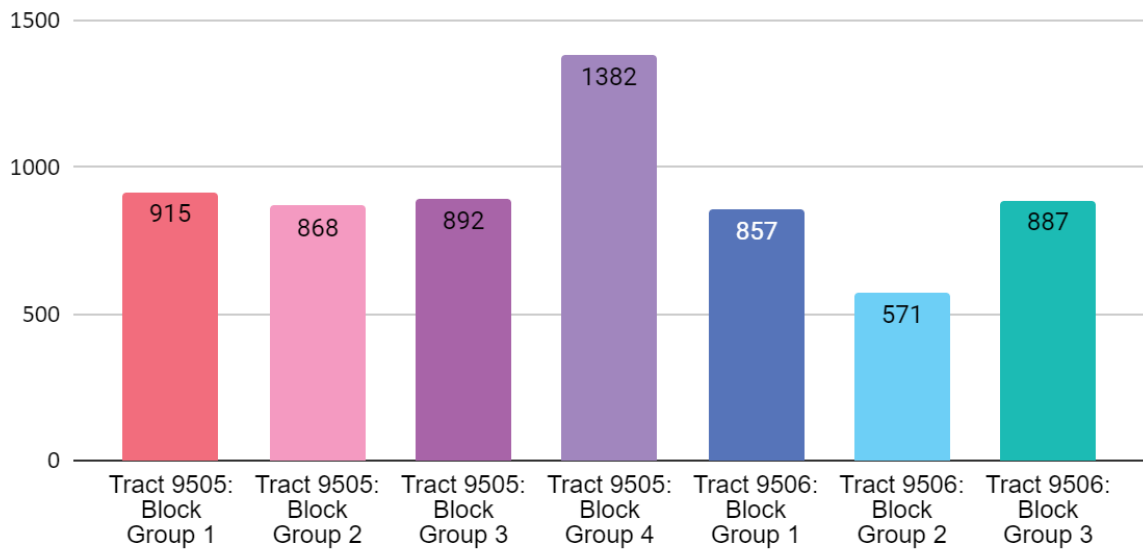
Figure 1.2 shows that from 2010-2020, the block groups including and surrounding Maquoketa saw a decrease in population of -1.8% with the greatest population loss (-15.5%) occurring in Census Tract 9506, Block Group 2 in the North-Central portion of the City.

Figure 1.2 Population Growth and Geographic Distribution				
	Geography	2020 Total Population	Percent of 2020 Total Population	Percent Change from 2010 to 2020
A	Tract 9505: Block Group 1	915	14.4%	-6.5%
B	Tract 9505: Block Group 2	868	13.6%	2.8%
C	Tract 9505: Block Group 3	892	14.0%	2.9%
D	Tract 9505: Block Group 4	1,382	21.7%	1.6%
E	Tract 9506: Block Group 1	857	13.4%	-2.1%
F	Tract 9506: Block Group 2	571	9.0%	-15.5%
G	Tract 9506: Block Group 3	887	13.9%	-0.2%
	Total Population	6,372	100%	-1.8%

Figure 1.3 shows the distribution of Maquoketa’s population among the block groups.

The population is not evenly distributed. Tract 9505, Block Group 4 makes up 21.7% of the total population; Tract 9506, Block Group 2 makes up 9%; and the five other block groups each make up an additional 13-14% of the population.

Figure 1.3 Maquoketa 2020 Population Distribution by Block Group

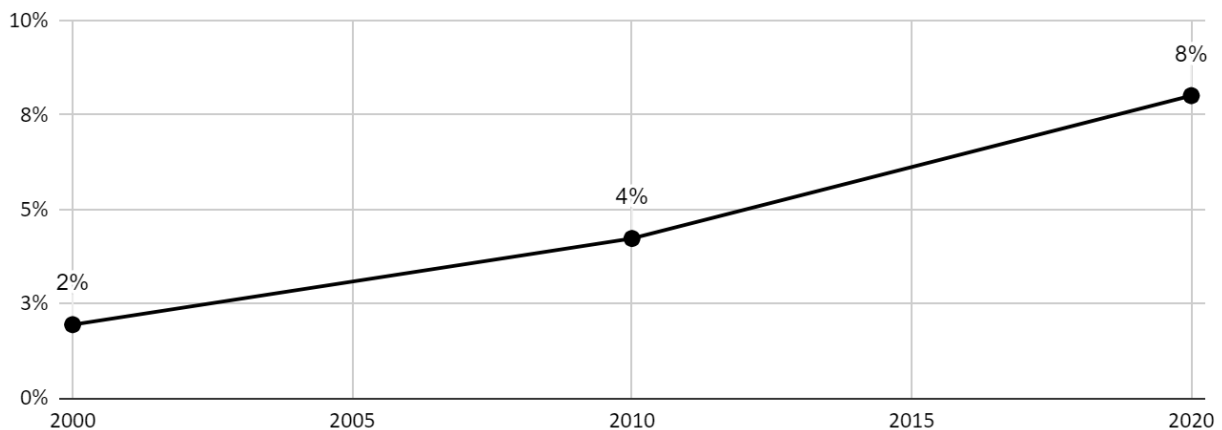


Source: U.S. Census Bureau, 2020 Census Redistricting Data (Public Law 94-171), Total Population

Race by Block Group

Census data considers race and Hispanic origin to be two distinct concepts. Hispanic or Latino is defined as an ethnicity; as such, Hispanic/Latino data are provided separately from the race distribution. Maquoketa’s minority population increased between the 2000, 2010 and 2020 census, as shown in Figure 1.4a. In the 2010 census, Maquoketa’s non-white population made up just 4.22% of its total population and in the 2020 census non-white residents made up 8.00% of the total population. In 2020, the non-white population of Jackson County was 4.51%. The state of Iowa non-white population was 11%.

Figure 1.4a Maquoketa Minority Population 2000-2020

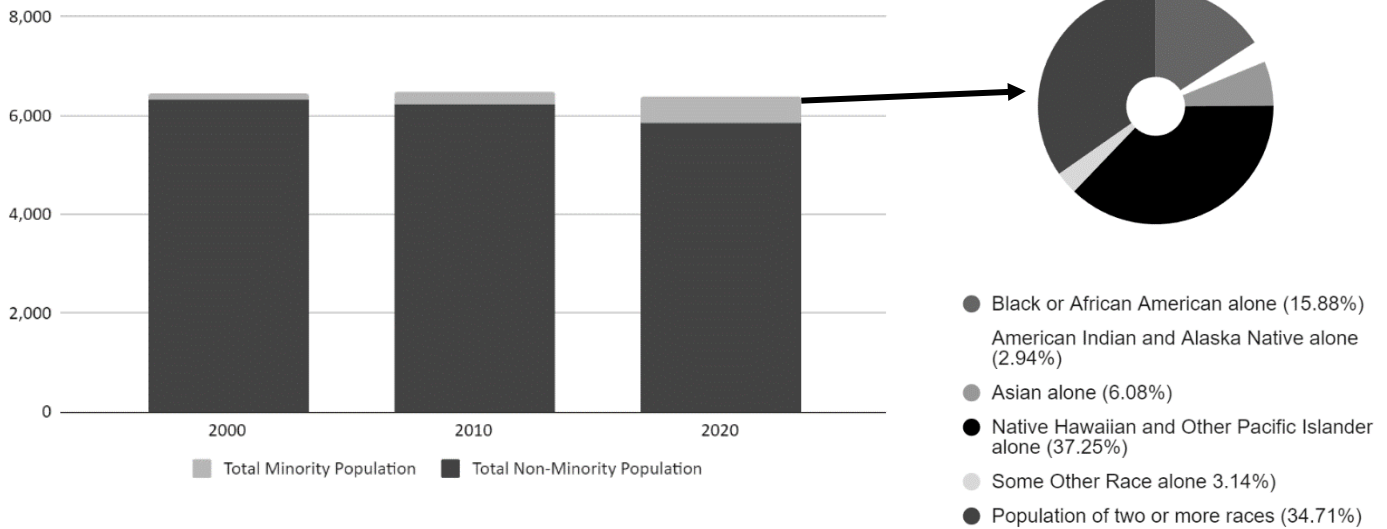


Source: U.S. Census Bureau, 2020 Census Redistricting Data (Public Law 94-171), Hispanic or Latino or Not Hispanic or Latino by Race

Figure 1.4b provides a summary of the minority groups present in Maquoketa and their proportion of the total minority population in the community. Hawaiian or Pacific Islanders make up the greatest share of minorities in the community, representing 37.25%. The Hawaiian/Pacific Islander population increased by 118% in

Maquoketa which constitutes all the growth of this group in Jackson County from 2010-2020. The second most populous minority group in Maquoketa is residents of two or more races, 34.71%.

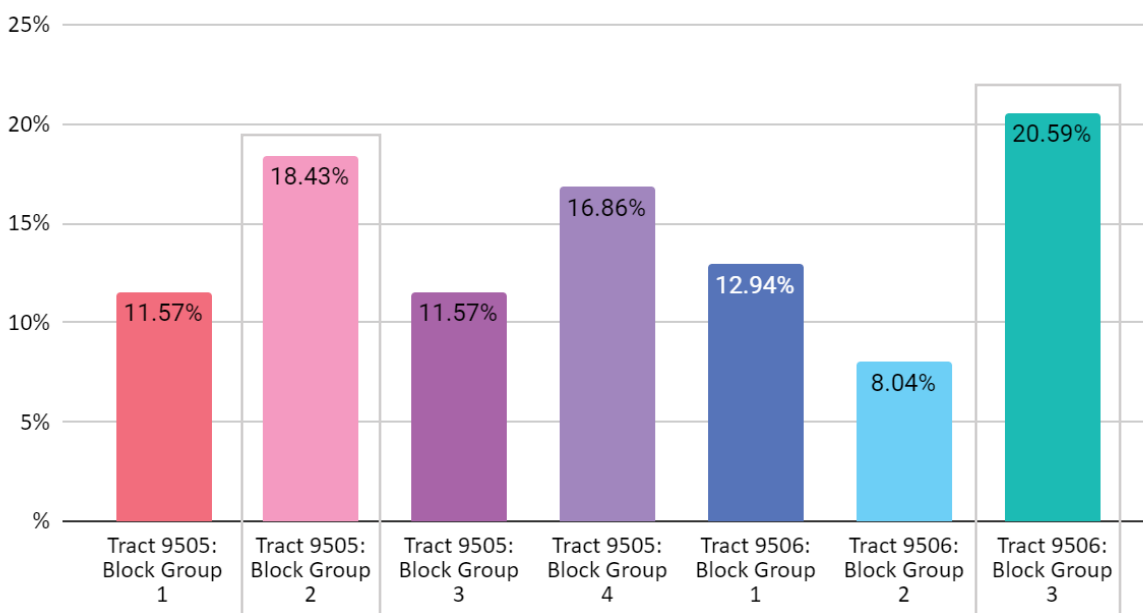
Figure 1.4b Maquoketa Minority Population 2000-2020



Source: U.S. Census Bureau, 2020 Census Redistricting Data (Public Law 94-171), Hispanic or Latino or Not Hispanic or Latino by Race

Figure 1.5 shows the 2020 minority population distribution among block groups. Maquoketa’s minority population is disproportionately located in Tract 9505, Block Group 2 and Tract 9506, Block Group 3. This is a change from 2010 when minority populations were disproportionately distributed in Tract 9506, Block Groups 1 and 3. Minority residents make up 10.8% of Tract 9505, Block Group 2; these residents make up 18.4% of the total minority population. Minority residents make up 11.8% of Tract 9506, Block Group 3; these residents make up 20.59% of the total minority population. These areas combined make up 28% of the Maquoketa population but are home to 38% of its minority residents.

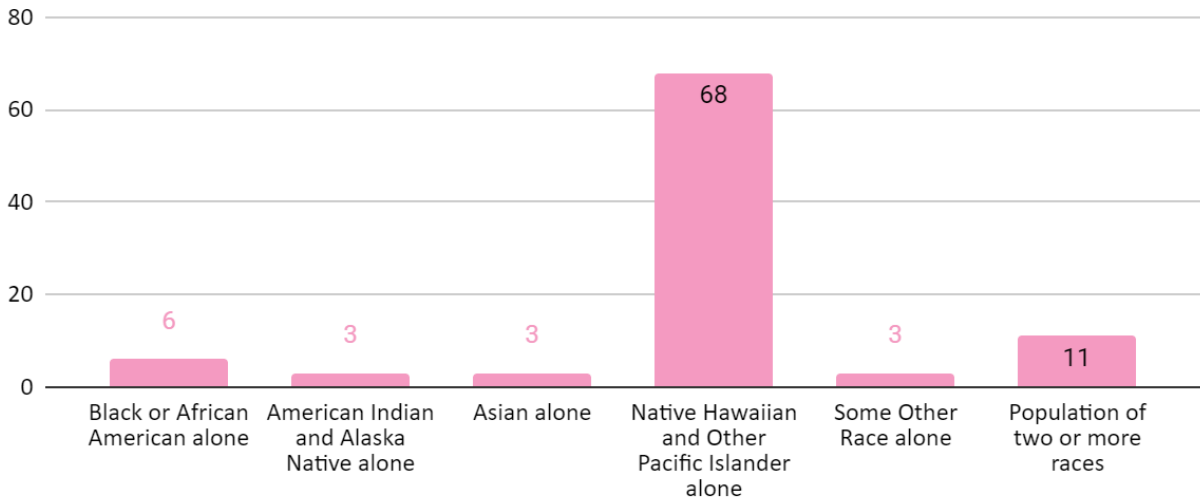
Figure 1.5 Maquoketa Minority Population Distribution



Source: U.S. Census Bureau, 2020 Census Redistricting Data (Public Law 94-171), Hispanic or Latino or Not Hispanic or Latino by Race

Figure 1.6 shows the minority populations present in Tract 9505, Block Group 2. This block group is home to the largest number of Hawaiian or other Pacific Islanders in the community.

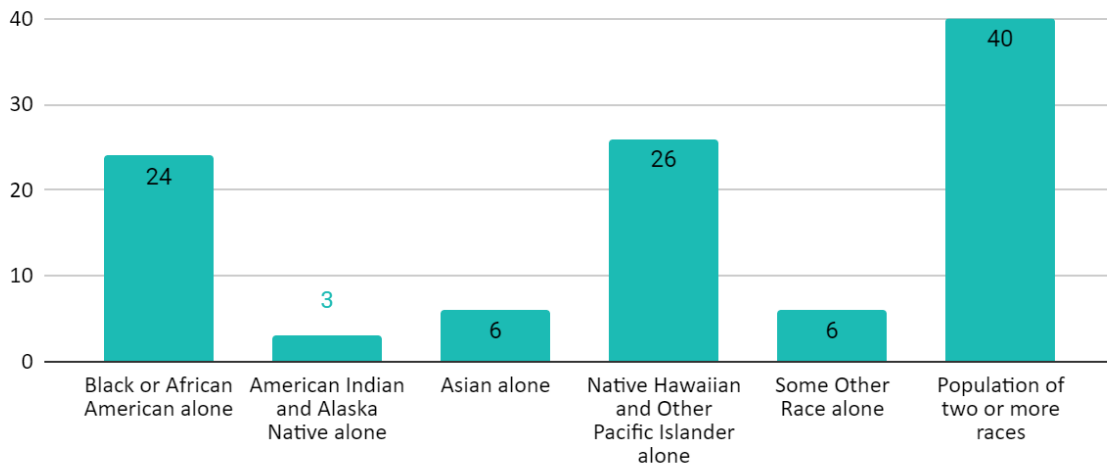
Figure 1.6 Census Tract 9505, Block Group 2 Population by Race



Source: U.S. Census Bureau, 2020 Census Redistricting Data (Public Law 94-171), Hispanic or Latino or Not Hispanic or Latino by Race

Figure 1.7 shows the minority populations present in Tract 9506, Block Group 3. This block group is home to the largest number of Black or African American alone and mixed-race residents. This block group is also home to the second highest number of Hawaiian or other Pacific Islanders.

Figure 1.7 Census Tract 9506, Block Group 3 Population by Race



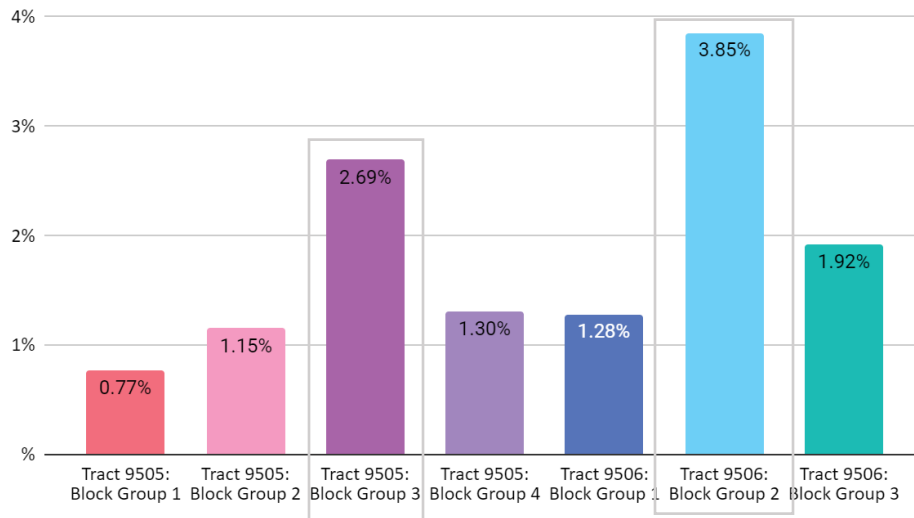
Source: U.S. Census Bureau, 2020 Census Redistricting Data (Public Law 94-171), Hispanic or Latino or Not Hispanic or Latino by Race

Ethnicity: Hispanic/Latino by Block Group

Maquoketa’s Hispanic/Latino population decreased slightly between the 2010 and 2020 census. In the 2010 census, Maquoketa’s Hispanic/Latino population made up just 1.73% of its total population. In the 2020 census Hispanic/Latino residents made up 1.71% of the total population in Maquoketa compared to 1.22% in Jackson County and 7% in the State of Iowa. Figure 1.8 shows the Hispanic/Latino population among the block

groups. Maquoketa’s Hispanic/Latino population is disproportionately located in Tract 9505, Block Group 3 and Tract 9506, Block Group 2.

Figure 1.8 Maquoketa Hispanic/Latino Population by Block Group



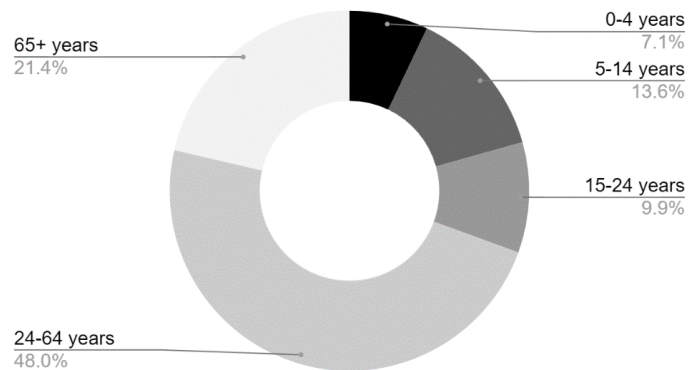
Source: U.S. Census Bureau, 2020 Census Redistricting Data (Public Law 94-171), Hispanic or Latino or Not Hispanic or Latino by Race

Age Distribution

The age analysis for Maquoketa is based on the American Community Survey 5-year estimates. These estimates provide a different population distribution than what is provided in the race analysis above. In these estimates Tract 9505, Block Group 4 is home to over a quarter of all Maquoketa residents. This change in the overall population distribution impacts the point at which a block group shows a disproportionate share of a specific age group.

Maquoketa has a relatively young population with more residents under age 5 (7.1%) and 0-14 (20.7%) than Jackson County (5.9% and 18.3%, respectively); the State of Iowa (6.1% and 19.3%, respectively). Maquoketa has residents 65 years and older making up 21.4% of its population which is also higher than Jackson County (20.84%) and the State of Iowa (17%). This means that the working age portion of the population is smaller than the United States.

Figure 1.9 Maquoketa Population by Age



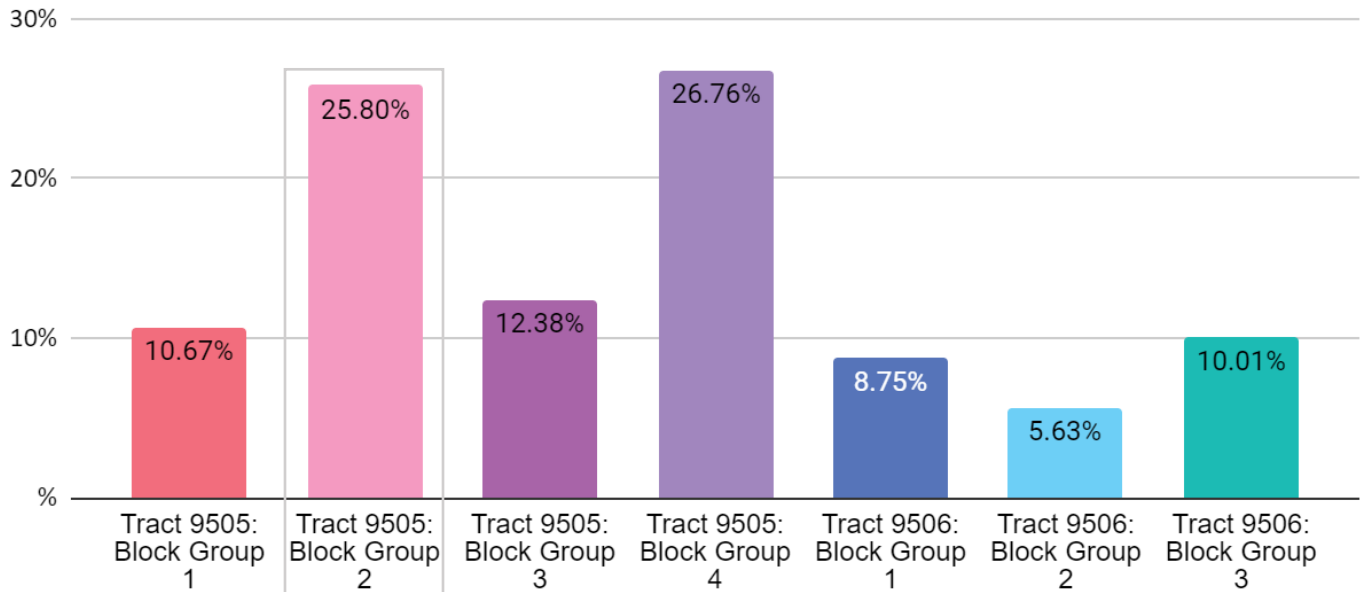
Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates, Total Population, Sex by Age

Residents Over 65 Years of Age

Residents over 65 are not evenly geographically distributed. Figure 1.10 shows that residents over 65 years of age are disproportionately located in Tract 9505, Block Group 2. This block group makes up 13% of the population but is home to 25% of the residents over 65 years old. While Block Group 4 appears to have a large

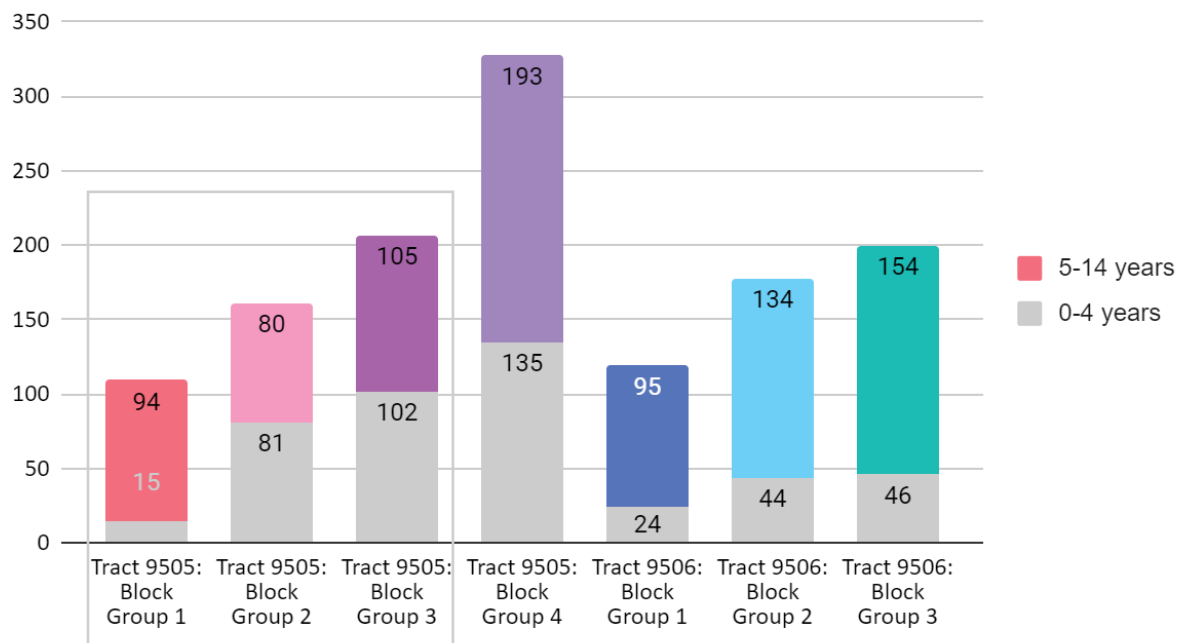
over 65 population, it is the most populous block group and does not have a disproportionate share of senior residents. A review of the locations of senior and assisted living facilities may explain some of this distribution.

Figure 1.10 Maquoketa Distribution of Residents 65 years+ by Block Group



Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates, Total Population, Sex by Age

Figure 1.11 Maquoketa Youth Population by Block Group



Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates, Total Population, Sex by Age

Residents 0-4 and 0-14 Years of Age

Residents aged 0-14 are proportionately distributed, however there is a disproportionate distribution of children under 5 years of age. In Tract 9505, Block Groups 2,3 and 4 all contain a disproportionate number of

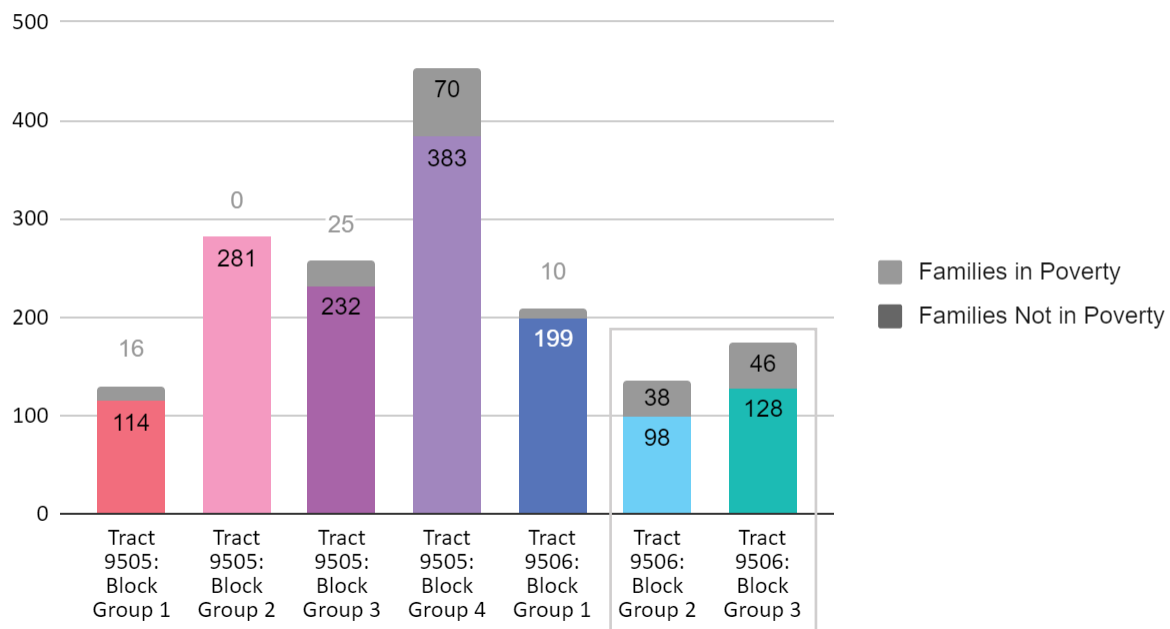
children under 5 years old. In these block groups the children under 5 make up half of the children aged 0-14 years.

Families Living in Poverty

The poverty analysis for Maquoketa is based on the American Community Survey 5-year estimates. These estimates provide a different population distribution than what is provided in the previous section as this is based on distribution of families, not individuals. In these estimates Tract 9505, Block Group 4 is home to over a quarter of all Maquoketa residents (27.6%). This change in the overall population distribution impacts the point at which a block group shows a disproportionate share of families in poverty.

The percentage of families in Maquoketa living in poverty in the last 12 months is 12.5% compared to 7% for both Jackson County and the State of Iowa. Families living in poverty are disproportionately located in Tract 9506, Block Groups 2 and 3. These block groups make up just 18.9% of families but are home to 41% of the families in poverty. Tract 9505, Block Group 4 is also home to many families in poverty, however, because it is the most populous block group, the percentage of families in poverty is 15.5%, not far from the Maquoketa average of 12.5%. 28% of families living in Tract 9506, Block Group 2 are living in poverty and 26.4% of families living in Tract 9506, Block Group 3 are living in poverty.

Figure 1.12 Maquoketa Families Living in Poverty in the Past 12 Months



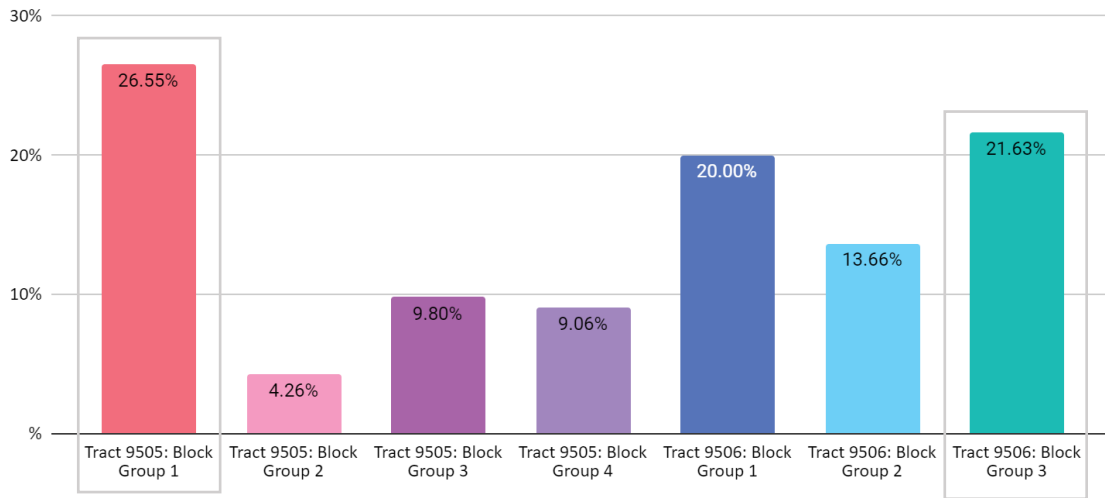
Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates, Households, Poverty Status

Households with One or More Members with a Disability

The disability analysis for Maquoketa is based on the American Community Survey 5-year estimates. These estimates provide a different population distribution than what is provided in the previous sections as this is based on distribution of households, not families or individuals. A household consists of one or more people living in the same house, apartment, etc. They may or may not be related. A family consists of two or more

people who are related by birth, marriage, or adoption and who live in the same house, apartment, etc. There are generally more households than families, as residents living alone are counted as households but not counted as families. This data set also focuses on households with workforce-aged residents 20-64 years. This means that households of individuals over 65 would not be counted.

Figure 1.13 Maquoketa Percentage of Households with One or More Members with a Disability



Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates, Population 20 to 64 years, poverty status is determined

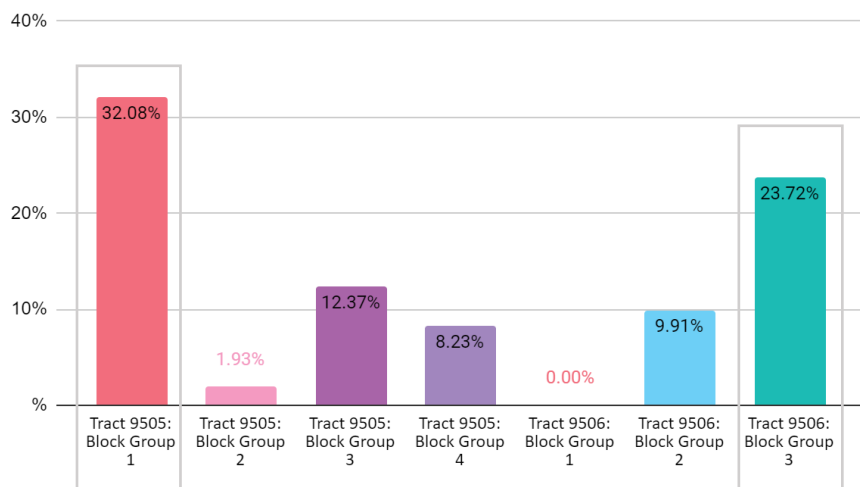
The percentage of households in Maquoketa with one or more working-aged members with a disability is 14.3% compared to 11.06% in Jackson County and 9.96% in the State of Iowa. Households with a working-aged member with a disability are disproportionately located in Tract 9505, Block Group 1 and Tract 9506, Block Groups 1 and 3. These block groups make up 40% of households and are home to 61.3% of the households with a working-aged member with a disability.

Vehicle Access

The vehicle availability analysis for Maquoketa is based on the American Community Survey 5-year estimates. Similar to the disability analysis, these estimates are provided at the household level.

Figure 1.14 displays the percentage of households, by block group, with no access to a vehicle. Residents in Tract 9505, Block Group 2 and Tract 9506, Block Group 3 are most likely to rely on biking, walking, or carpooling as 32.08% and 23.72% of households in these areas have no vehicle available. 11.15% of Maquoketa residents have no access to a vehicle compared with 5.32% in Jackson County and 5.6% in the State of Iowa.

Figure 1.14 Maquoketa Households with No Vehicle Available



Source: U.S. Census Bureau, 2017-2021 American Community Survey 5-Year Estimates, Tenure by Vehicle Availability

Summary

The following is a high-level overview of each block group and the vulnerable populations that are present.

Tract 9505: Block Group 1	14.4% total population 26.5% of households have one member with a disability*** 25% are over 65 years*** 32% no vehicle available***
Tract 9505: Block Group 2	13.6% total population 10.8% identify as a racial minority* 41% are over 65 years*** 9.5% are children under 5***
Tract 9505: Block Group 3	14% total population 2.7% identify as Hispanic/Latino* 10.9% are children under 5*** 12.4% no vehicle available***
Tract 9505: Block Group 4	21.7% total population 22% are over 65 years*** 8.3% are children under 5***
Tract 9506: Block Group 1	13.4% total population 20% of households have one member with a disability***
Tract 9506: Block Group 2	9% total population 3.9% identify as Hispanic/Latino* 27.9% of families are living in poverty***
Tract 9506: Block Group 3	13.9% total population 11.8% identify as a racial minority* 21.6% of households with a disability*** 26.4% of families are living in poverty***

*Block group represents a higher percentage than Jackson County (1.22% Hispanic Latino, 4.51% Minority, 5.9% under 5 years, 20.8% over 65 years, 5.3% with no vehicle access, 7% families in poverty, 11.1% with household member with a disability).

**Block group represents a higher percentage than the State of Iowa (7% Hispanic Latino, 11% Minority, 6.1% under 5 years, 17% over 65 years, 5.6% with no vehicle access, 7% families in poverty, 9.9% with household member with a disability).