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## Community Health Assessment: Van Buren County

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## Community Health Assessment: Van Buren County

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# Community Health Assessment: Van Buren County

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A Report for

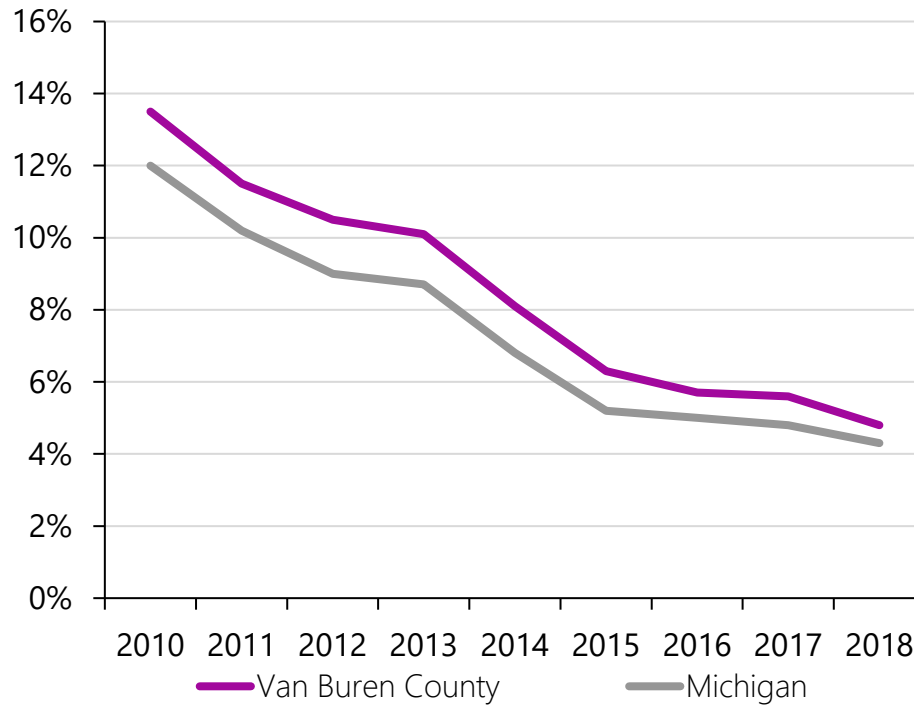


Prepared by Regional Economic Planning Services  
W.E. Upjohn Institute for Employment Research

November 13<sup>th</sup>, 2019

**Economic Environment: Employment**

## Unemployment Rate



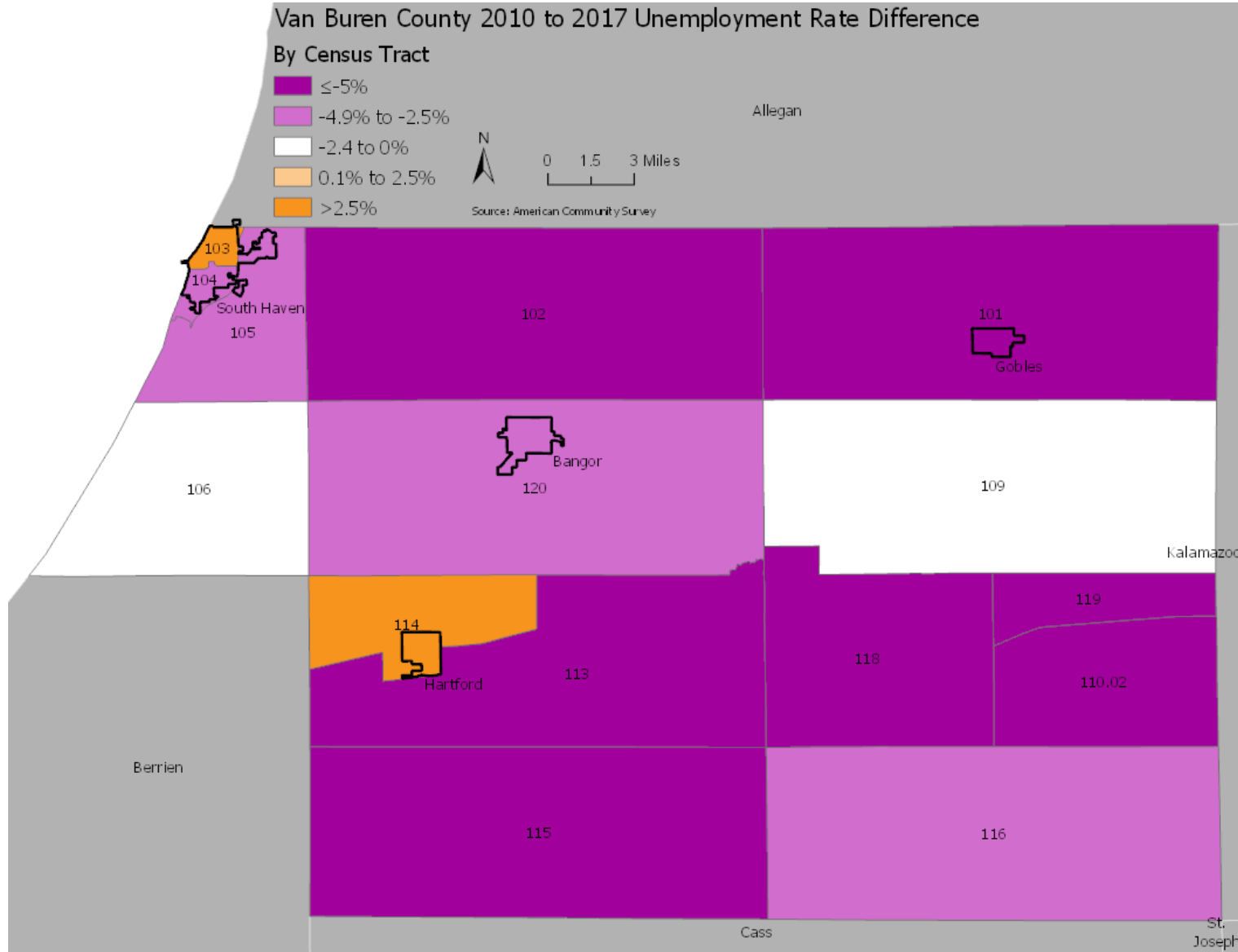
Source: Bureau of Labor Statistics Local Area Unemployment Statistics

The unemployment rate in Van Buren County declined 8.7 percentage points between 2010 and 2018.

In 2010, the unemployment rate in Van Buren County was 13.5% compared to 12.0% in the state of Michigan. In 2017, the unemployment rate was 4.8% in Van Buren County compared to 4.3% in the state of Michigan.

The unemployment rate in Van Buren County was 0.5 percentage points above that of the state of Michigan in 2017.

Prosperity region 8 had an unemployment rate range of 4.0% to 5.6% by county in 2017. In 2010, this range was from 10.0% to 13.5%.



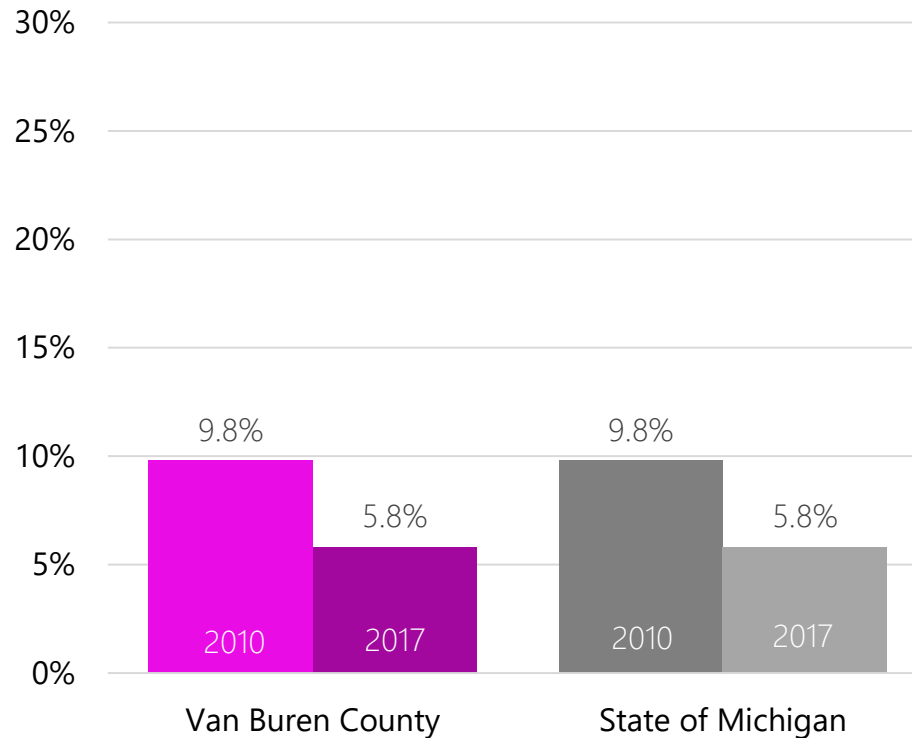
The unemployment rate in Van Buren County declined in nearly all census tracts within the county between 2010 and 2017.

Areas of significant increase contain downtown South Haven and Hartford. All other census tracts either show no change or show a decrease in the unemployment rate.

Tracts that contain larger communities in Van Buren County generally had a larger decrease in unemployment rates than more rural census tracts (tract 106 and 109), with the exception of downtown South Haven (tract 103) and Hartford (tract 114).

The range of values displayed on the map are -7.4% to 5%.

## Unemployment Rate—White Non-Hispanic, (2010 & 2017)



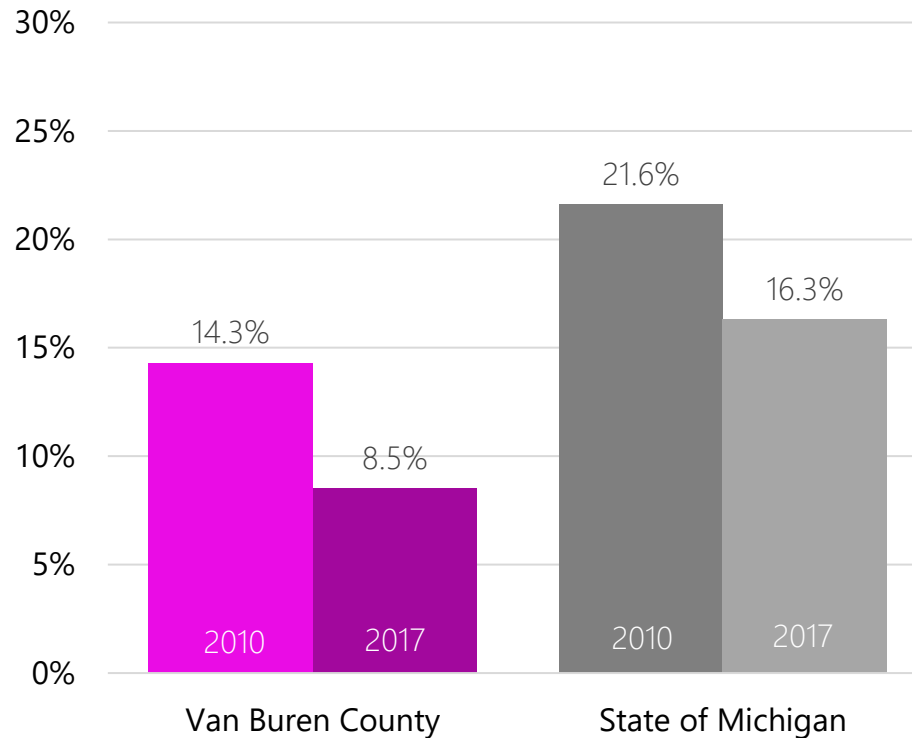
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The unemployment rate for individuals who are White non-Hispanic in Van Buren County decreased by 4.0 percentage points between 2010 and 2017.

In 2010, the unemployment rate for individuals who are White non-Hispanic in Van Buren County was the same as the state of Michigan. In 2017, the unemployment rate for individuals who are White non-Hispanic in Van Buren County was again the same as the state of Michigan.

In 2017, out of all the racial and ethnic groups in Van Buren County with a large enough sample size from which to report data, individuals who are White non-Hispanic had the lowest unemployment rate.

## Unemployment Rate—Black or African American, (2010 & 2017)



Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

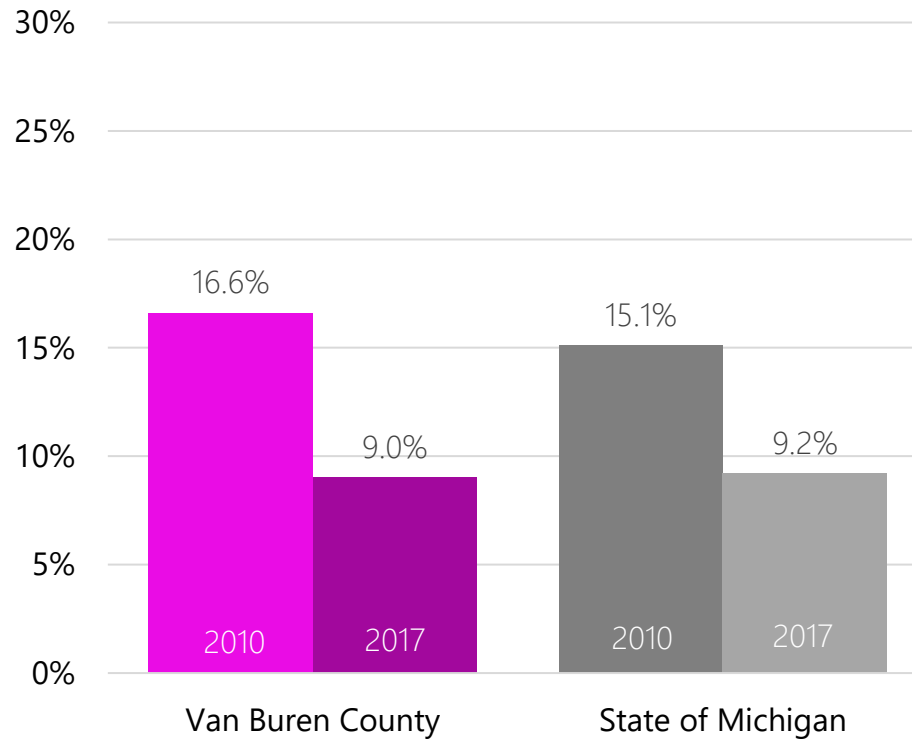
The unemployment rate for individuals who are Black or African American in Van Buren County decreased by 5.8 percentage points between 2010 and 2017.

In 2010, the unemployment rate for individuals who are Black or African American in Van Buren County was 7.3% lower than the state of Michigan. In 2017, the unemployment rate for individuals who are Black or African American in Van Buren County was 7.8 percentage points lower than the state of Michigan.

In 2017, out of all the racial and ethnic groups in Van Buren County with a large enough sample size from which to report data, individuals who are Black or African American had the highest unemployment rate.



## Unemployment Rate—Hispanic or Latino, (2010 & 2017)



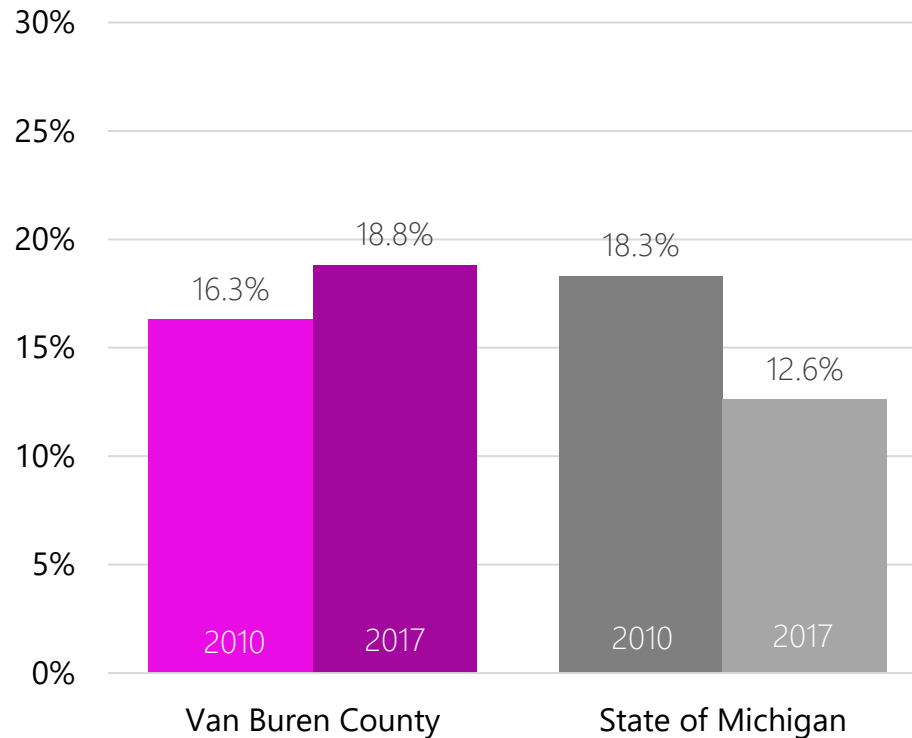
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The unemployment rate for individuals who are Hispanic or Latino in Van Buren County decreased by 7.6 percentage points between 2010 and 2017.

In 2010, the unemployment rate for individuals who are Hispanic or Latino in Van Buren County was 1.5 percentage points higher than the state of Michigan. In 2017, the unemployment rate for individuals who are Hispanic or Latino in Van Buren County was 0.2 percentage points lower than the state of Michigan.

In 2017, out of all the racial and ethnic groups in Van Buren County with a large enough sample size from which to report data, individuals who are Hispanic or Latino had the second-lowest unemployment rate.

## Unemployment Rate—Two or More Races, (2010 & 2017)



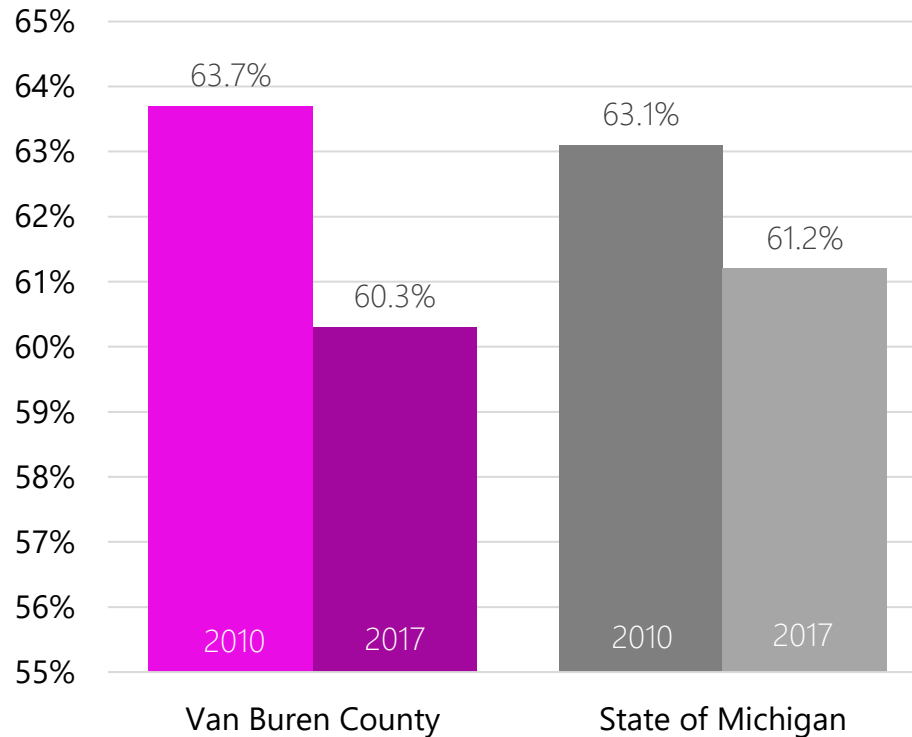
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The unemployment rate for individuals who are two or more races in Van Buren County increased by 2.5 percentage points between 2010 and 2017.

In 2010, the unemployment rate for individuals who are two or more races in Van Buren County was 2.0 percentage points lower than the state of Michigan. In 2017, the unemployment rate for individuals who are two or more races in Van Buren County was 6.2 percentage points higher than the state of Michigan.

In 2017, out of all the racial and ethnic groups in Van Buren County with a large enough sample size from which to report data, individuals who are two or more races had the second-highest unemployment rate.

## Labor Force Participation Rate, (2010 & 2017)



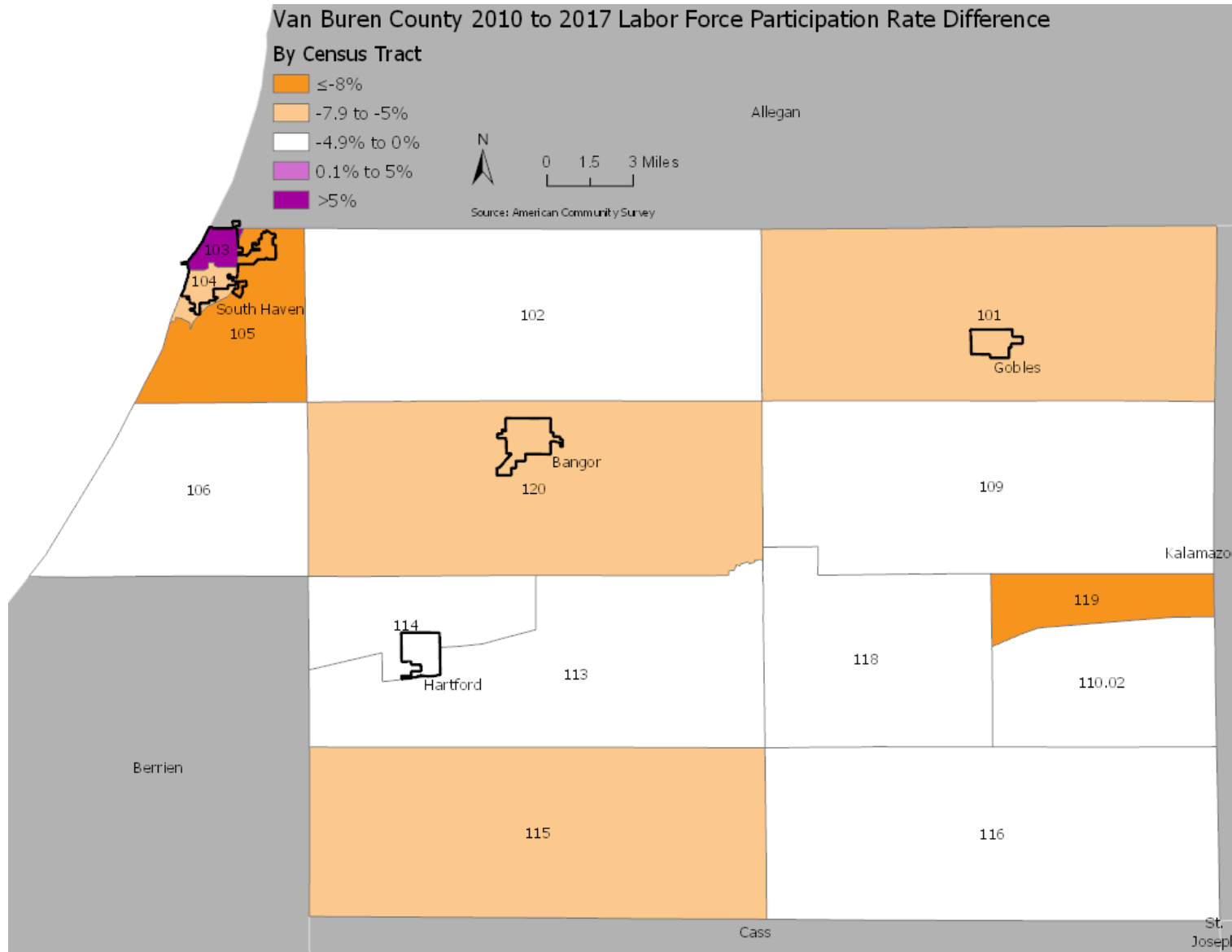
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The labor force participation rate measures an economy's active labor force. It is the sum of all noninstitutionalized individuals 16 years and older who are either working or looking for work, divided by the entire population 16 years and older. The labor force participation rate in Van Buren County declined by 3.4 percentage points between 2010 and 2017.

In 2010, the labor force participation rate in Van Buren County was 63.7% compared to 63.1% in the state of Michigan. In 2017, the labor force participation rate was 60.3% in Van Buren County compared to 61.2% in the state of Michigan.

In 2017, the labor force participation rate in Van Buren County was slightly below (0.9 percentage points) that of the state of Michigan. Labor force participation rates typically fall as more individuals in a population reach 55 or older. As the county has an older population than the state, this may account for this difference.

Prosperity region 8 had a labor force participation rate range of 57.4% to 66.2% by county in 2017. In 2010 the range was 56.1% to 67.2%.



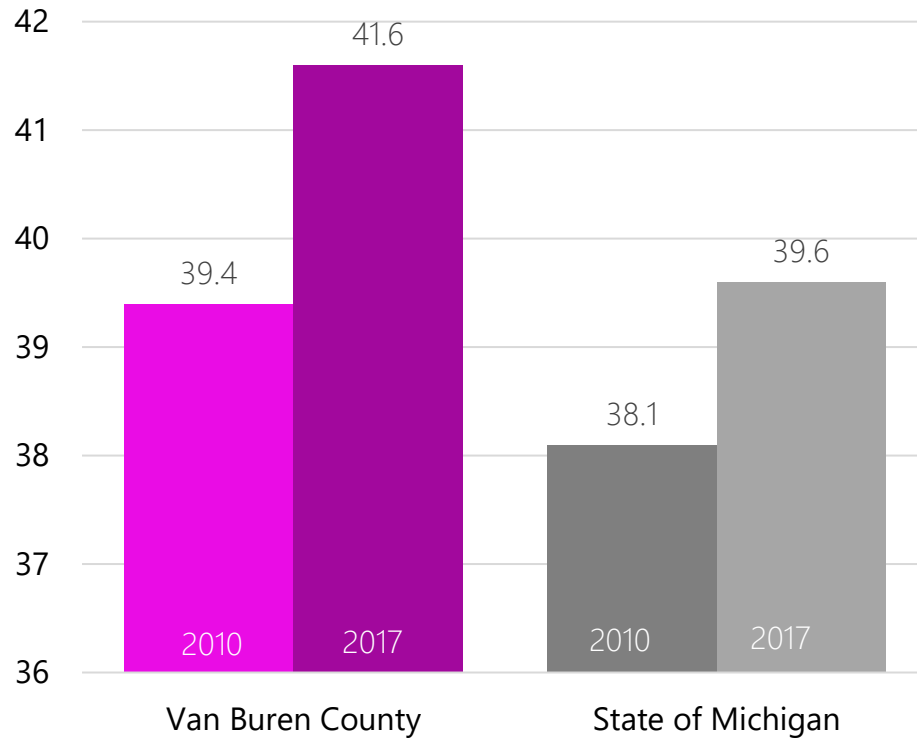
The labor force participation rate has generally decreased in Van Buren County between 2010 and 2017.

Areas that have seen the most significant decline in labor force participation rates (less than or equal to -8.0%) are mostly rural but contain a portion of larger communities, such as tract 105 containing a portion of the city of South Haven and tract 119 containing portions of Mattawan and Paw Paw.

Tract 103, which contains downtown South Haven, has the highest labor force participation rate increase in Van Buren County. Moreover, this is the only tract that has seen a labor force participation rate increase from 2010 to 2017 in Van Buren County.

The range of values displayed on the map are -9.0% to 7.7%.

## Median Age, (2010 & 2017)



Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The median age represents the point at which half the population is older and half is younger. The median age in Van Buren County increased by 2.2 years between 2010 and 2017.

In 2010, median age in Van Buren County was 39.4 years old compared to 38.1 years old in the state of Michigan. In 2017, the median age in Van Buren County was 41.6 years old compared to 39.6 in the state of Michigan.

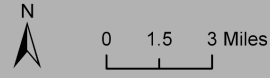
The median age in Van Buren County was 2 years above that of the state of Michigan in 2017. This indicates that overall the county has an older population than that of the state.

Prosperity region 8 had a median age range of 34.1 to 44.7 years old by county in 2017. In 2010, this range was from 33.9 to 41.4 years old.

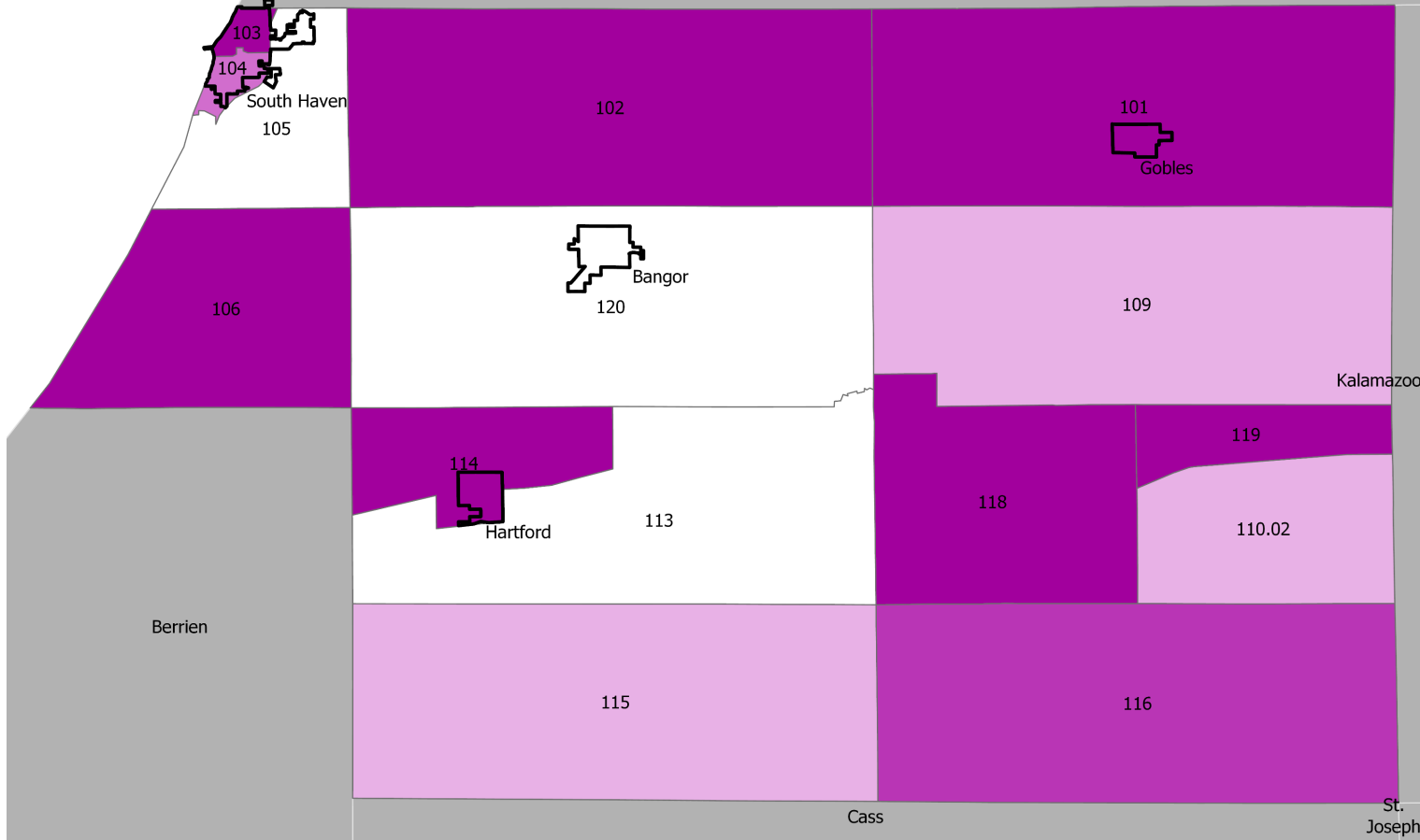
### Van Buren County 2010 to 2017 Median Age Difference

By Census Tract

- ≤0
- 0.1 to 1
- 1.1 to 2
- 2.1 to 3
- >3



Source: American Community Survey



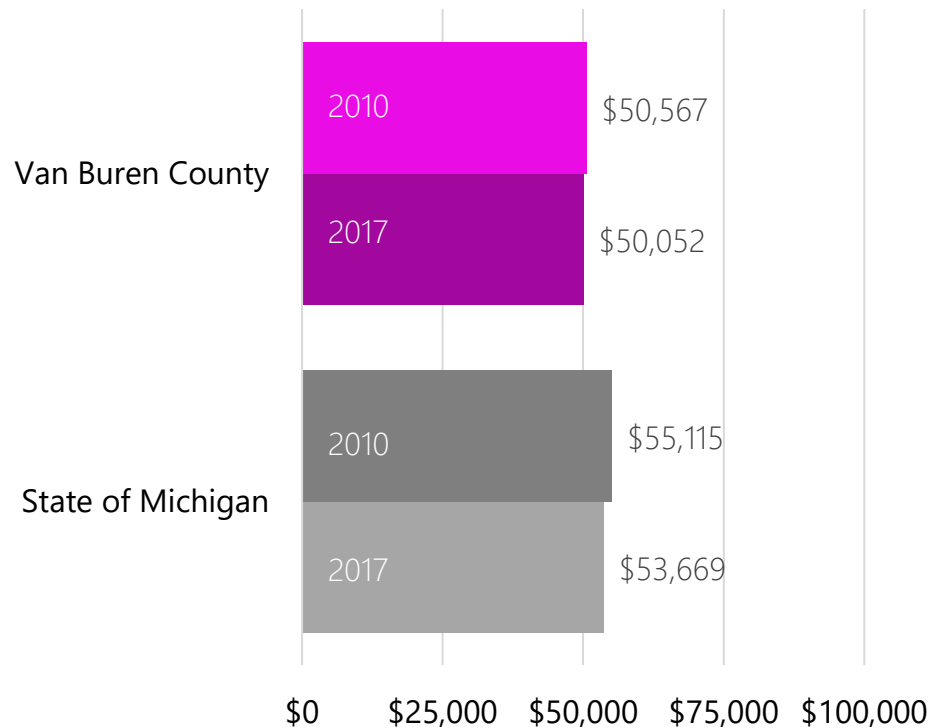
Van Buren County saw an overall increase in the age of its residents between 2010 and 2017.

Besides census tracts 105, 113, and 120, all other tracts within Van Buren County have aged between 2010 and 2017. Tract 105 had the largest decrease in age within the county.

The range of values displayed on the map are -2% to 11.2%.

**Economic Environment: Income/Poverty**

## Median Household Income, (2010 & 2017) (2018 dollars)



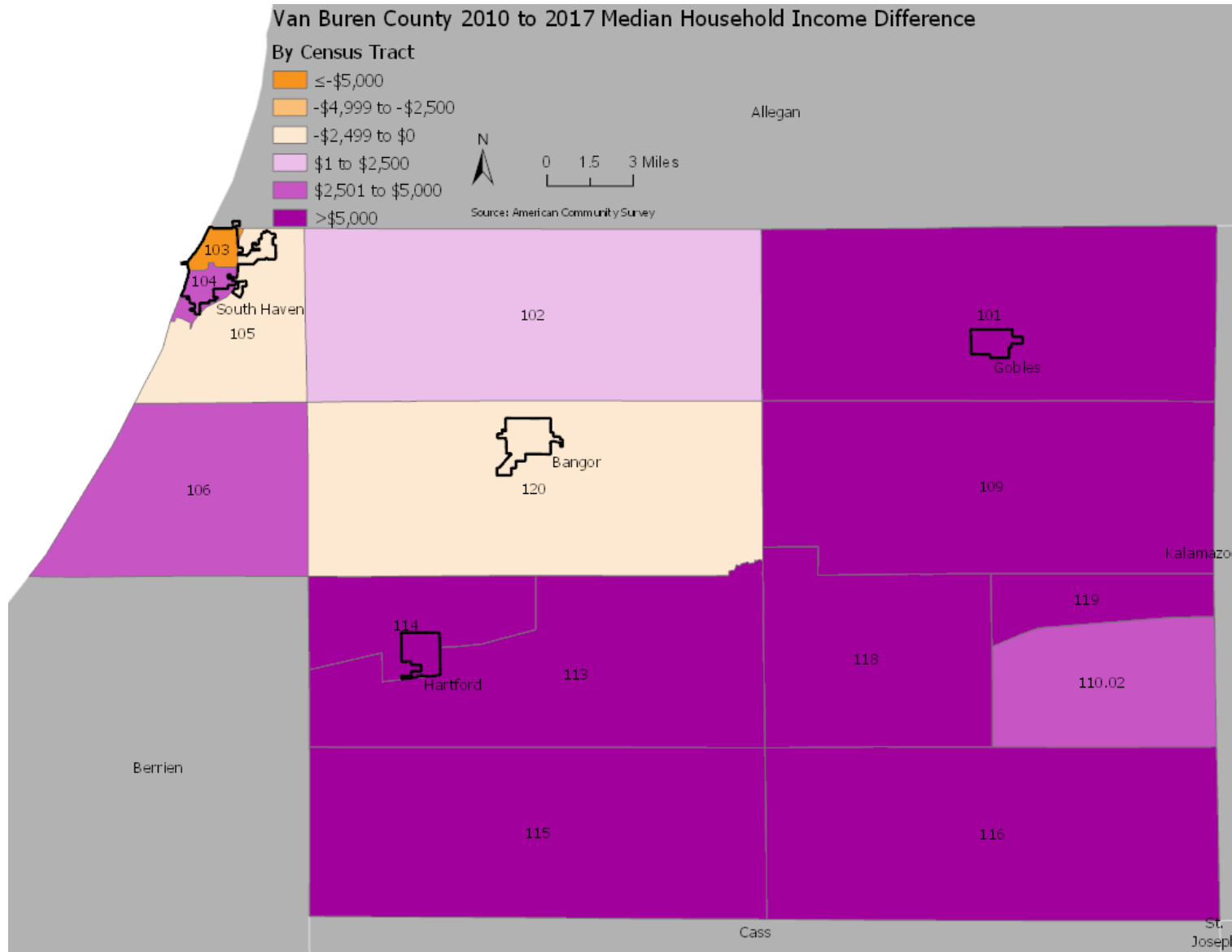
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The median household income in Van Buren County, when adjusted for inflation, declined by \$515 between 2010 and 2017.

In 2010, the median household income in Van Buren County was \$4,548 lower than the state of Michigan. In 2017, the real median household income was \$3,617 lower than the state of Michigan. This is a result of the median household income of the state declining rather than income growth in Van Buren County.

Prosperity region 8 had a median household income range of \$47,091 to \$52,931 by county in 2017. In 2010, this range was \$47,947 to \$51,441.



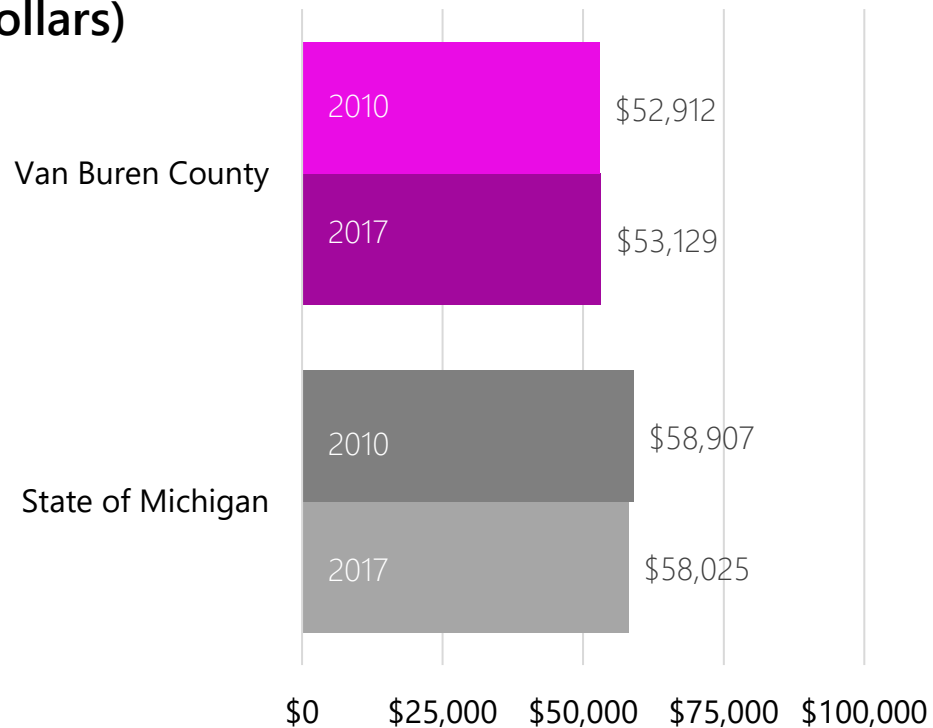


Van Buren County saw an overall increase in median household incomes from 2010 to 2017.

The majority of census tracts within Van Buren County have had a median household increase of greater than \$5,000; only three census tracts have seen a decrease in median household income. Tract 103, which contains downtown South Haven, has seen the largest decrease in median household income (equal to or less than -\$5,000).

The range of values displayed on the map are -\$9,941 to \$9,311.

## Median Household Income—White Non-Hispanic, (2010 & 2017) (2018 dollars)



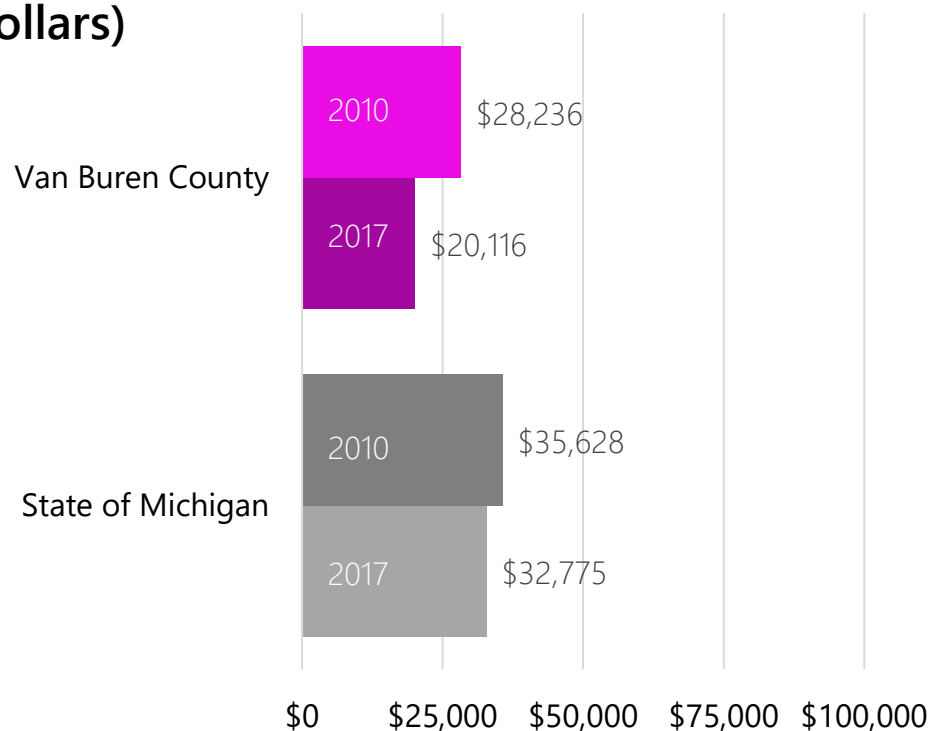
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The median household income, when adjusted for inflation, for individuals who are White non-Hispanic in Van Buren County increased by \$217 between 2010 and 2017.

In 2010, the median household income for individuals who are White non-Hispanic in Van Buren County was \$5,995 lower than the state of Michigan. In 2017, the real median income for individuals who are White non-Hispanic in Van Buren County was \$4,896 lower than the state of Michigan.

Out of all the racial and ethnic groups in Van Buren County with a large enough sample size from which to report data, individuals who are White non-Hispanic had the highest real median household income in 2017.

## Median Household Income—Black or African American, (2010 & 2017) (2018 dollars)



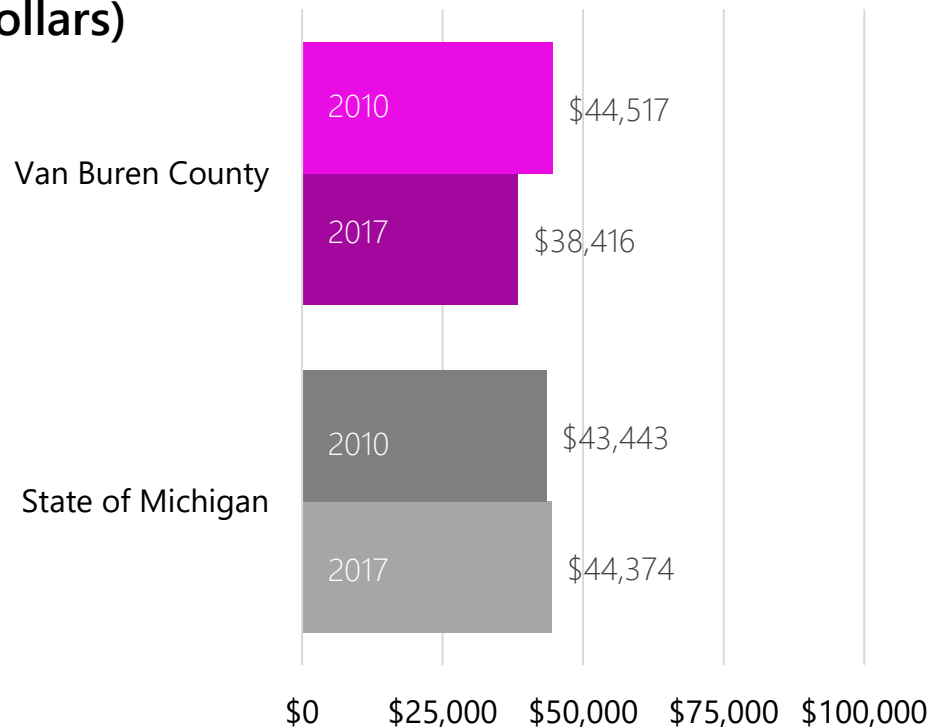
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The median household income, when adjusted for inflation, for individuals who are Black or African American in Van Buren County decreased by \$8,120 between 2010 and 2017.

In 2010, the real median household income for individuals who are Black or African American in Van Buren County was \$7,392 lower than the state of Michigan. In 2017, the real median income for individuals who are Black or African American in Van Buren County was \$12,659 lower than the state of Michigan.

Out of all the racial and ethnic groups in Van Buren County with a large enough sample size from which to report data, individuals who are Black or African American had the lowest real median household income in 2017.

## Median Household Income—Hispanic or Latino, (2010 & 2017) (2018 dollars)



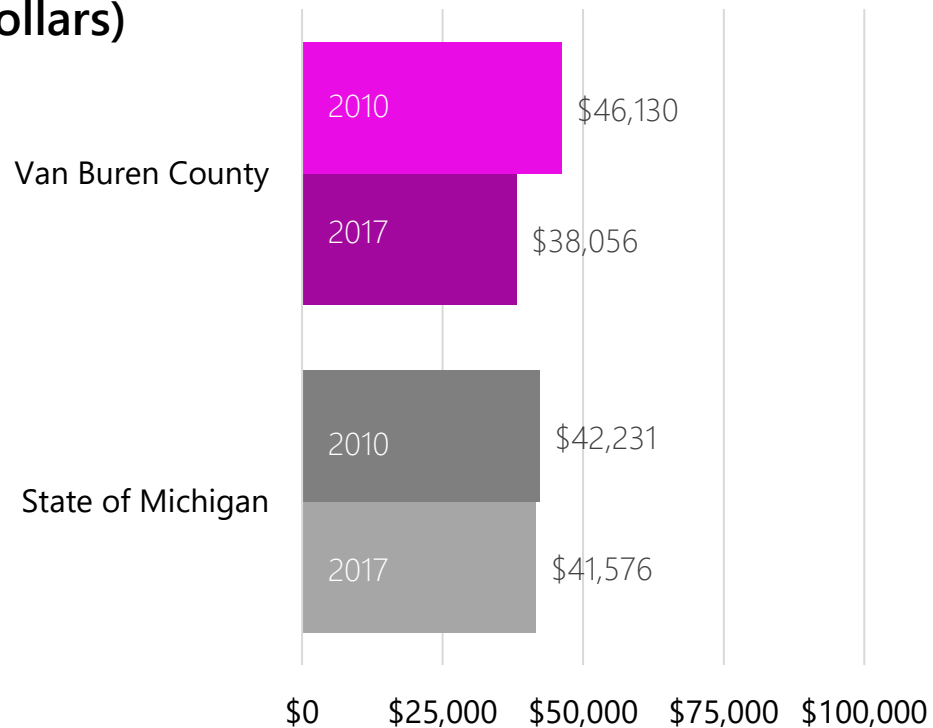
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The median household income, when adjusted for inflation, for individuals who are Hispanic or Latino in Van Buren County decreased by \$6,101 between 2010 and 2017.

In 2010, the median household income for individuals who are Hispanic or Latino in Van Buren County was \$1,074 higher than the state of Michigan. In 2017, the real median income for individuals who are Hispanic or Latino in Van Buren County was \$5,958 lower than the state of Michigan.

Out of all the racial and ethnic groups in Van Buren County with a large enough sample size from which to report data, individuals who are Hispanic or Latino had the second highest median household income in 2017.

## Median Household Income—Two or More Races, (2010 & 2017) (2018 dollars)



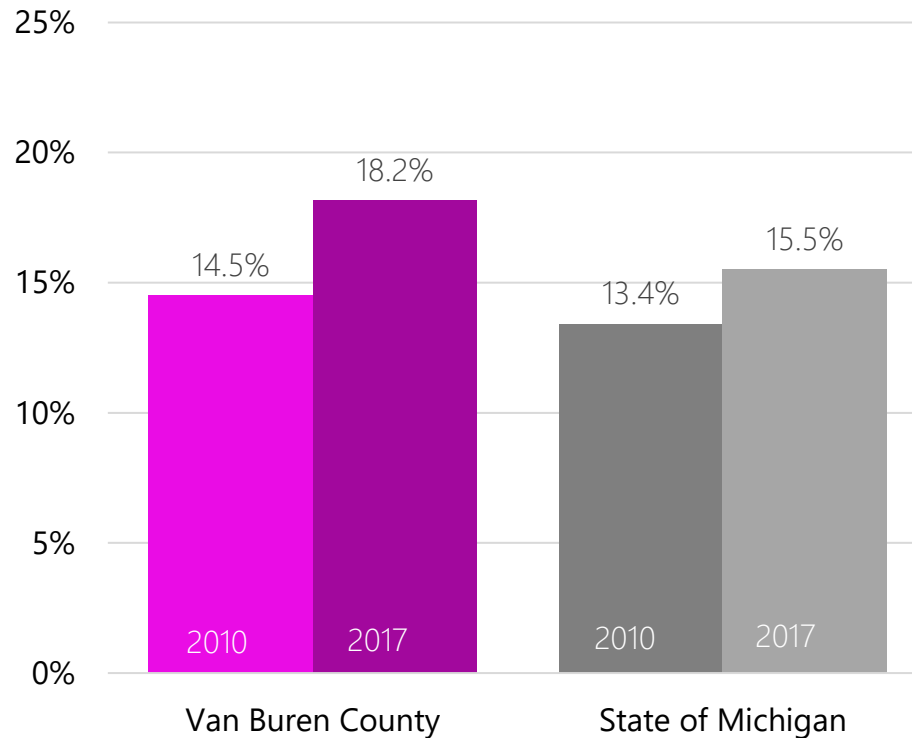
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The median household income, when adjusted for inflation, for individuals who are two or more races in Van Buren County decreased by \$8,074 between 2010 and 2017.

In 2010, the median household income for individuals who are two or more races in Van Buren County was \$3,899 higher than the state of Michigan. In 2017, the real median income for individuals who are two or more races in Van Buren County was \$3,520 lower than the state of Michigan.

Out of all the racial and ethnic groups in Van Buren County with a large enough sample size from which to report data, individuals who are two or more races had the second lowest real median household income in 2017.

## Households Receiving SNAP Assistance, (2010 & 2017)



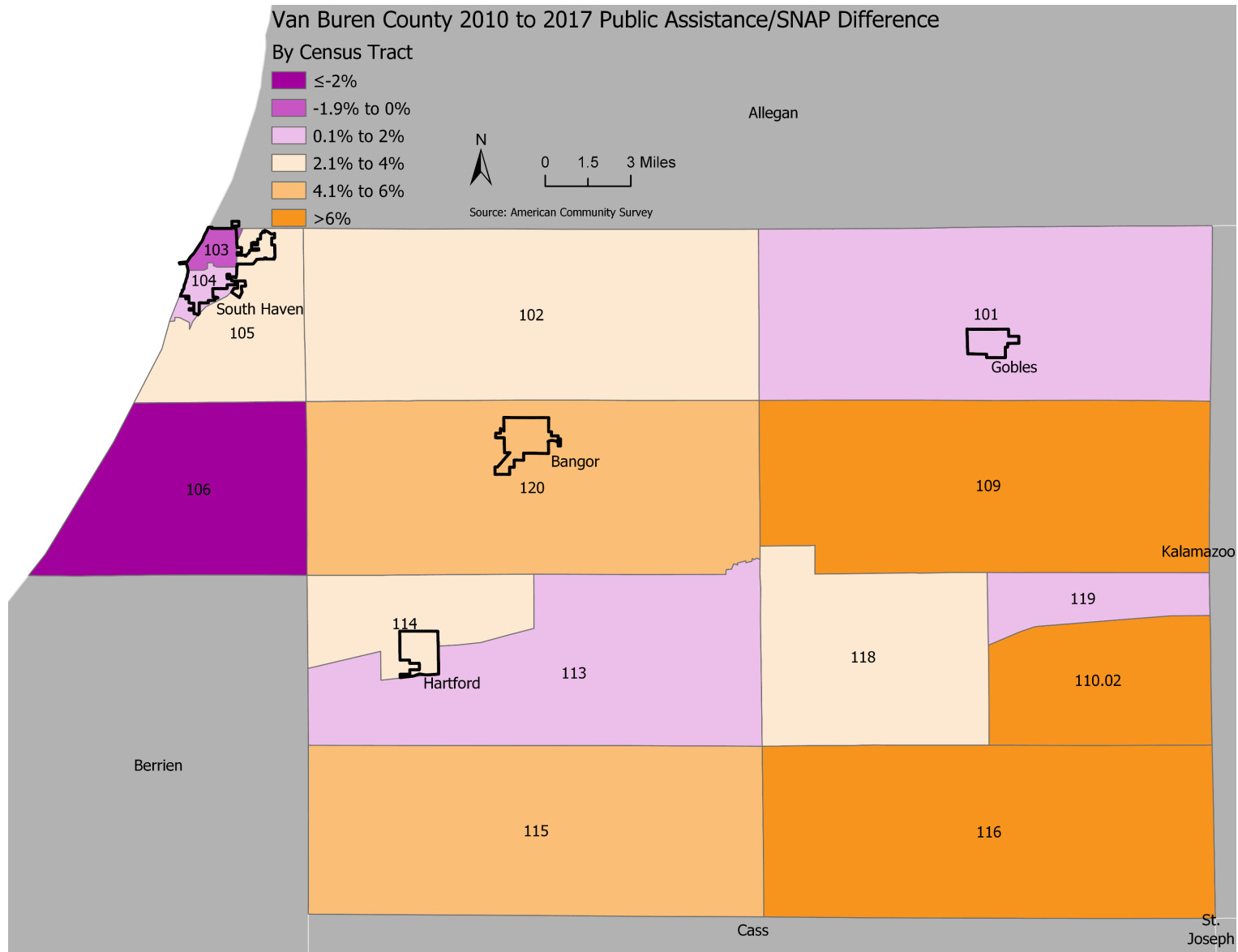
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The percentage of households receiving aid from the Supplemental Nutrition Assistance Program (SNAP) in Van Buren County increased 3.7 percentage points between 2010 and 2017.

In 2010, the percentage of households receiving SNAP assistance in Van Buren County was 14.5% compared to 13.4% in the state of Michigan. In 2017, the percentage of households receiving SNAP assistance was 18.2% in Van Buren County compared to 15.5% in the state of Michigan.

The percentage of households receiving SNAP assistance in Van Buren County was 2.7 percentage points above that of the state of Michigan in 2017.

Prosperity region 8 had a percentage range of households on SNAP assistance of 13.1% to 18.2% by county in 2017. In 2010, this range was 12.5% to 17.3%.

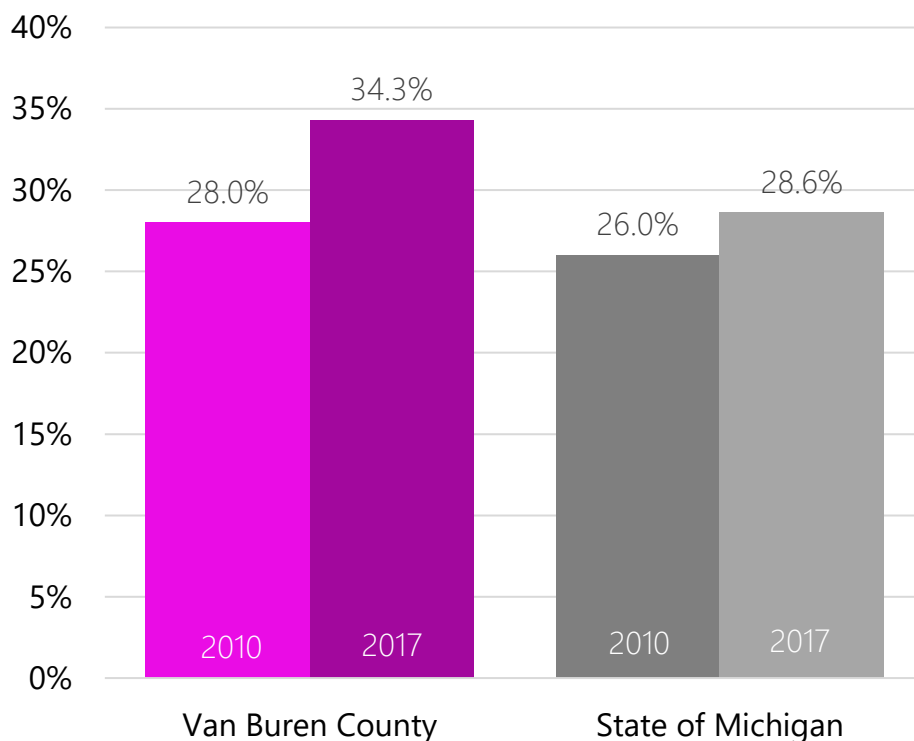


Households receiving public assistance/SNAP increased from 2010 to 2017.

Only two tracts in Van Buren County have seen a decline in households receiving public assistance/SNAP: 103 (downtown South Haven) and 106.

The range of values displayed on the map are -2.1% to 8.7%.

## Asset Limited, Income Constrained, Employed (ALICE) Households, (2010 & 2017)



Source: Michigan Association of United Ways

Asset Limited, Income Constrained, Employed (ALICE) households represent the households in the community in which the adults are working, yet the household is still struggling to afford necessities such as food, housing, and health care. The percentage of ALICE households in Van Buren County increased by 6.3 percentage points between 2010 and 2017.

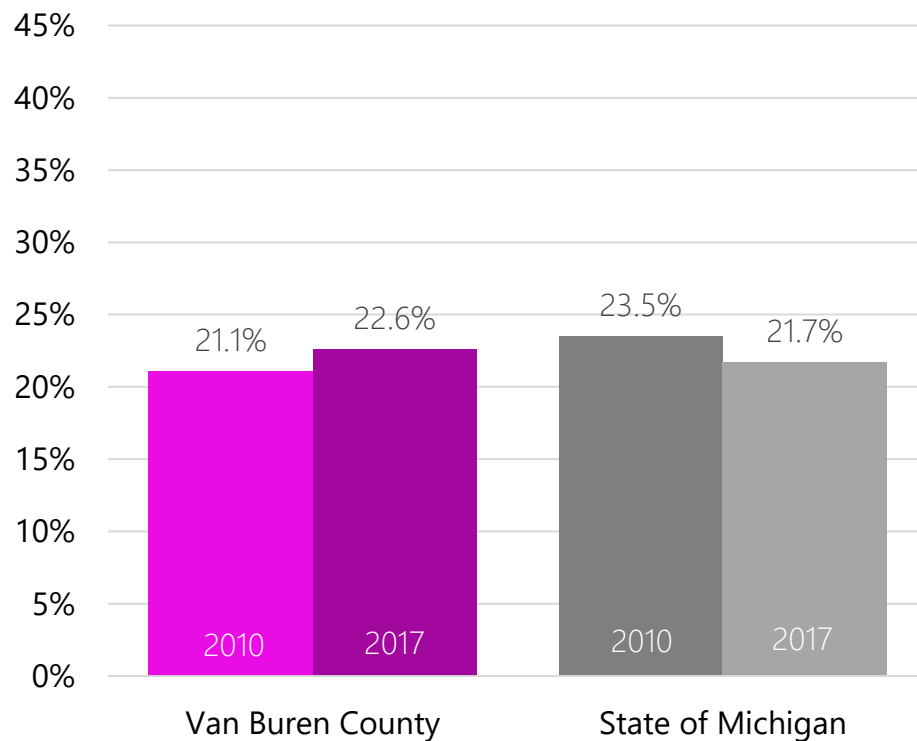
In 2010, the percentage of ALICE households in Van Buren County was 28.0% compared to 26.0% in the state of Michigan. In 2017, the percentage of ALICE households was 34.3% in Van Buren County compared to 28.6% in the state of Michigan.

The percentage of ALICE households in Van Buren County was 5.7 percentage points above that of the state of Michigan in 2017.

Prosperity region 8 had a range of the percentage of ALICE households from 25.0% to 29.0% by county in 2017. In 2010, this range was 21.0% to 29.0%.



## Share of People under 18 in Poverty, (2010 & 2017)



Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

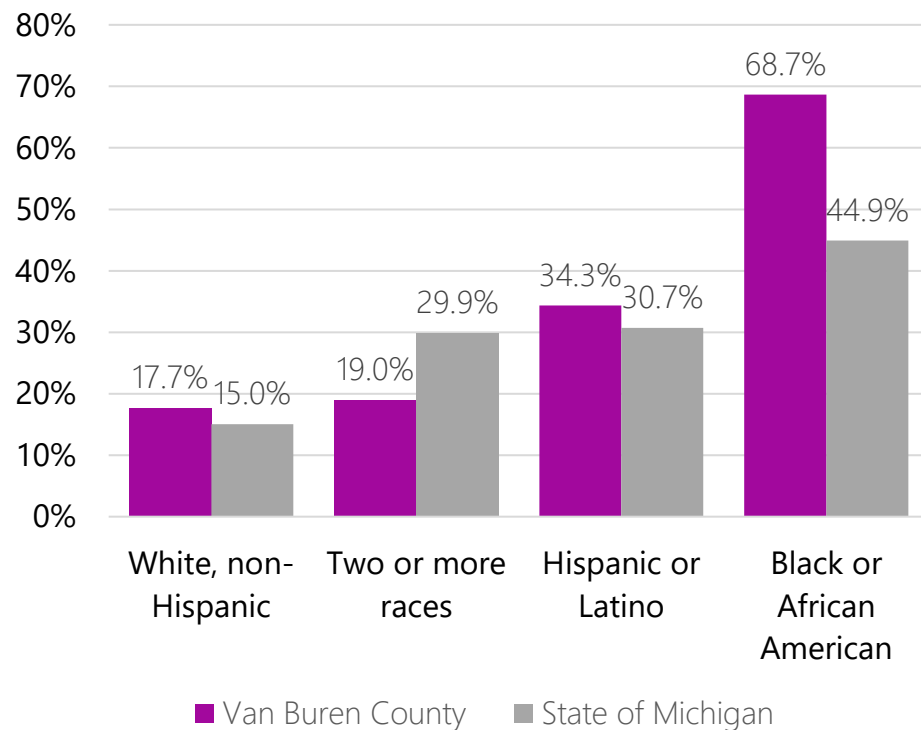
The share of people under 18 in poverty in Van Buren County increased by 1.5 percentage points between 2010 and 2017.

In 2010, the share of people under 18 in poverty in Van Buren County was 21.1% compared to 23.5% in the state of Michigan. In 2017, the share of people under 18 in poverty was 22.6% in Van Buren County compared to 21.7% in the state of Michigan.

The share of people under 18 in poverty in Van Buren County was 0.9 percentage points higher than the state of Michigan in 2017.

Prosperity region 8 had a range of people under 18 in poverty of 18.9% to 26.3% by county in 2017. In 2010, this range was 19.2% to 26.7%.

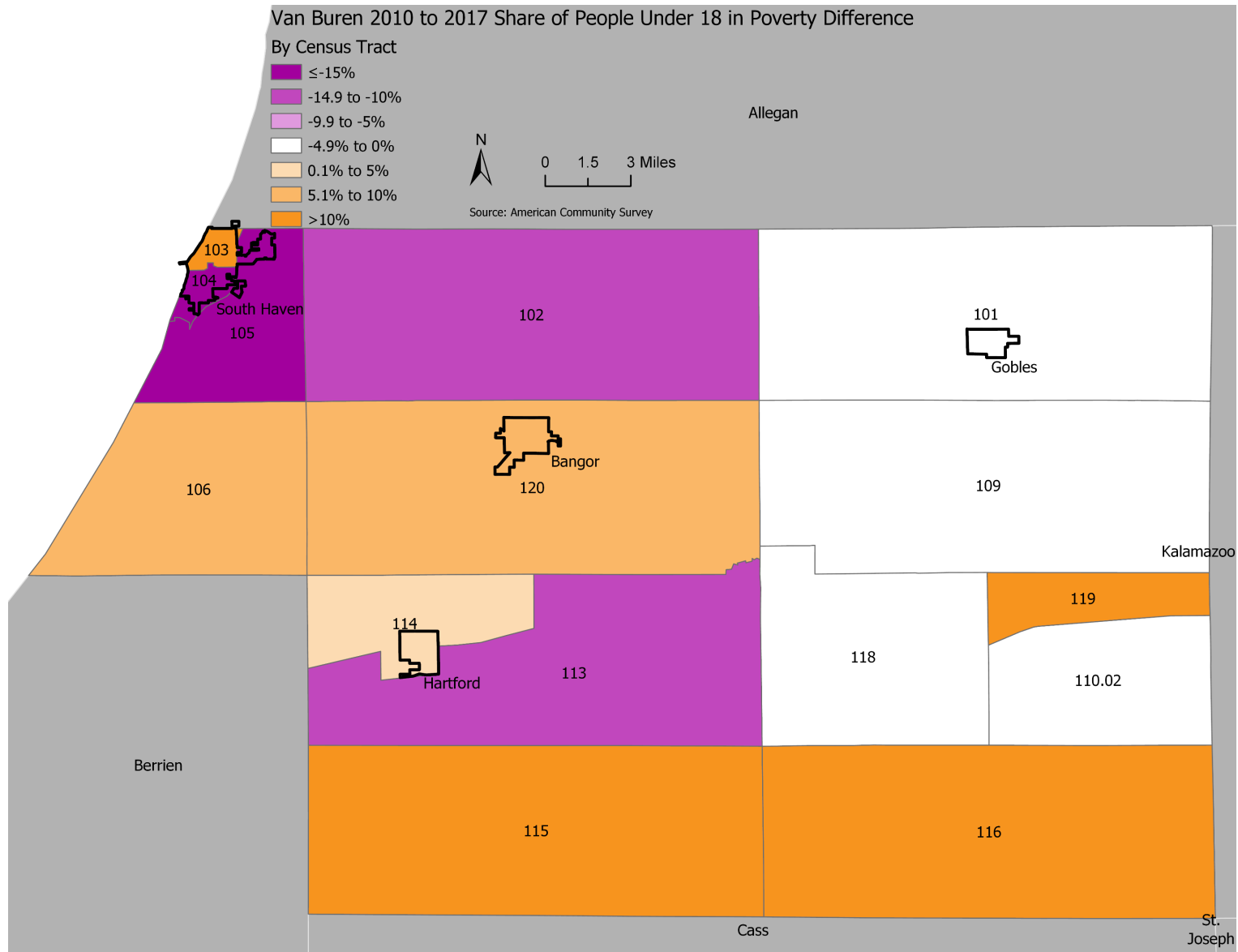
## Share of People under 18 in Poverty by Race & Ethnicity, (2017)



Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

For races/ethnicities with a large enough sample size from which to report data, the share of people under 18 in poverty is higher in Van Buren County than the state of Michigan for all races/ethnicities except for children of two or more races.

In both the state of Michigan and Van Buren County, people under 18 who are White non-Hispanic have the lowest poverty rate. People under 18 who are Black or African American have the highest poverty rate in both Van Buren County and the state of Michigan. In Van Buren County, people under 18 who are Black or African American have a poverty rate 51.0 percentage points greater than people under 18 who are White non-Hispanic.



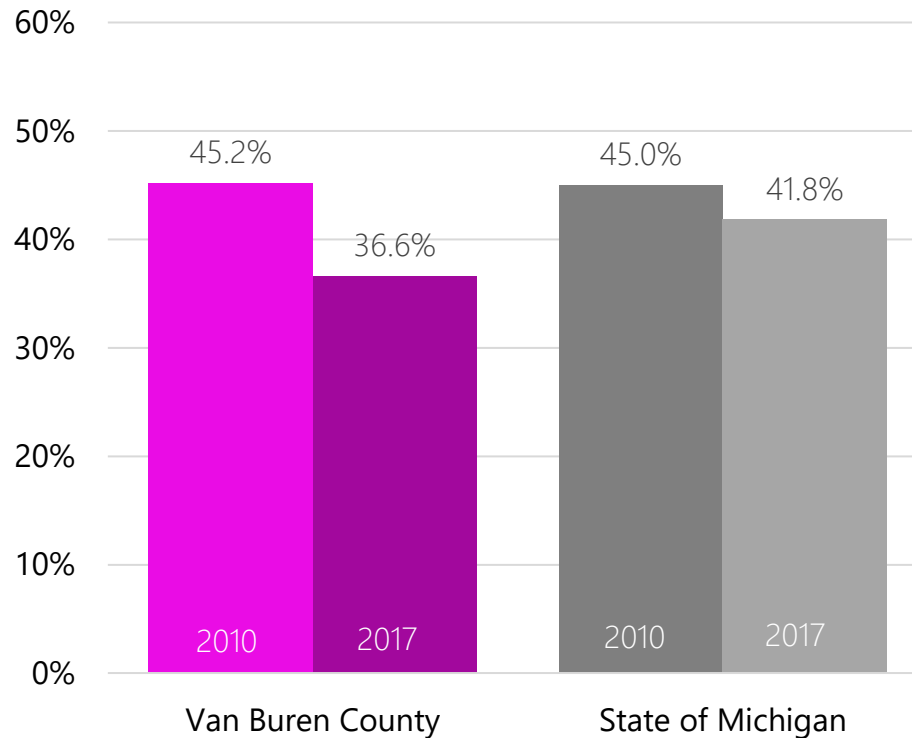
The share of people under 18 in poverty increased in Van Buren County between 2010 and 2017.

Areas of significant increases (over 10%) in the share of people under 18 in poverty are census tracts 103 (downtown South Haven), 119 (northern Mattawan), 116 (Decatur), and 115.

Areas of significant decrease (equal to or less than -15%) in the share of people under 18 in poverty include census tracts 104 and 105; both contain portions of the city of South Haven.

The range of values displayed on the map are -17.6% to 19.2%.

## Renters Paying More than 35% of Income on Housing Costs, (2010 & 2017)



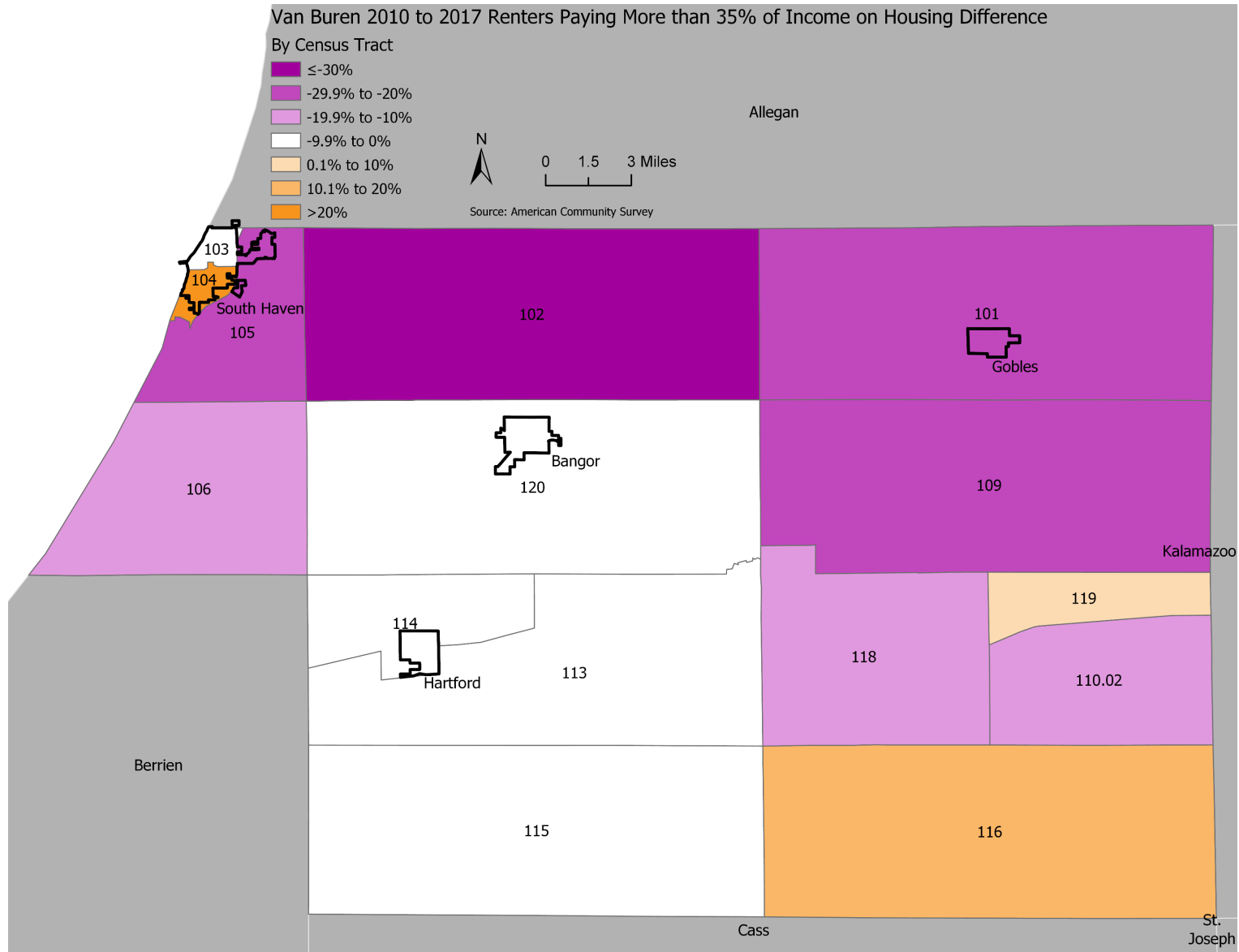
Source: U.S. Census Bureau, 2013-2017 and 2005-2010 American Community Survey 5-Year Estimates

The percentage of renters paying more than 35% of their income on housing costs in Van Buren County decreased 8.6 percentage points between 2010 and 2017.

In 2010, the percentage of renters paying more than 35% of their income on housing costs in Van Buren County was 45.2% compared to 45.0% in the state of Michigan. In 2017, this same measure was 36.6% in Van Buren County compared to 41.8% in the state of Michigan.

The percentage of renters paying more than 35% of their income on housing costs in Van Buren County was 5.2 percentage points below the level of the state of Michigan in 2017.

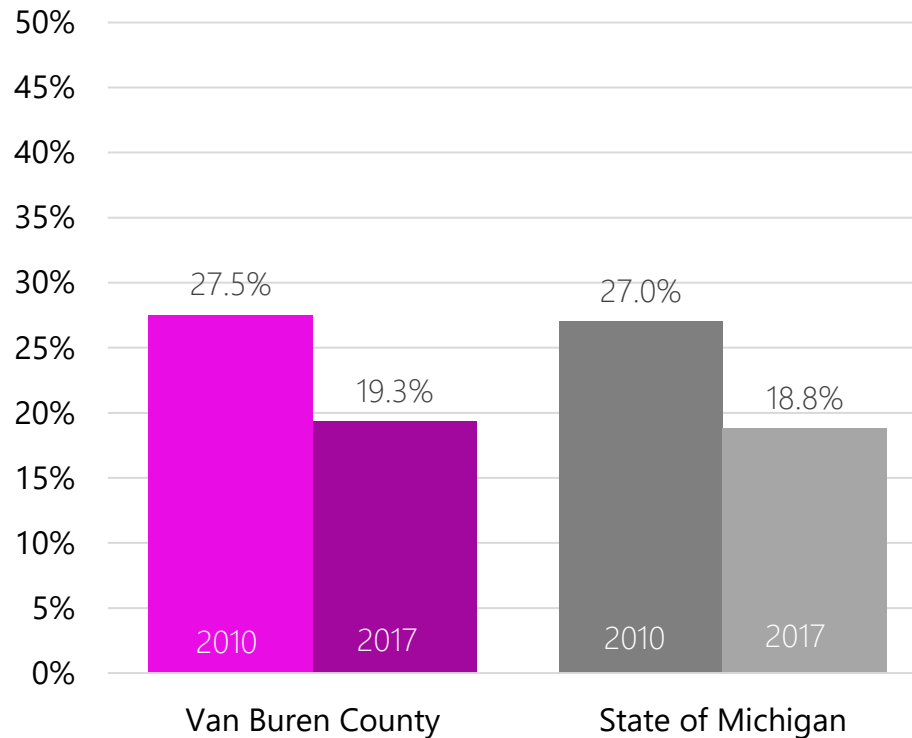
In 2017, prosperity region 8 had a percentage range of renters paying more than 35% of their income on housing costs of 32.5% to 42.8% by county. For 2010 this same range was 35.4% to 48.8%.



Overall, the percentage of renters paying more than 35% of their income on housing decreased in Van Buren County from 2010 to 2017. The only areas where the percentage of renters paying more than 35% of their income on housing increased have been census tracts 104 (southern South Haven), 116 (Decatur), and 119 (northern Mattawan).

The range of values displayed on the map are -38.3% to 25.5%.

## Homeowners Paying More than 35% of Income on Housing Costs, (2010 & 2017)



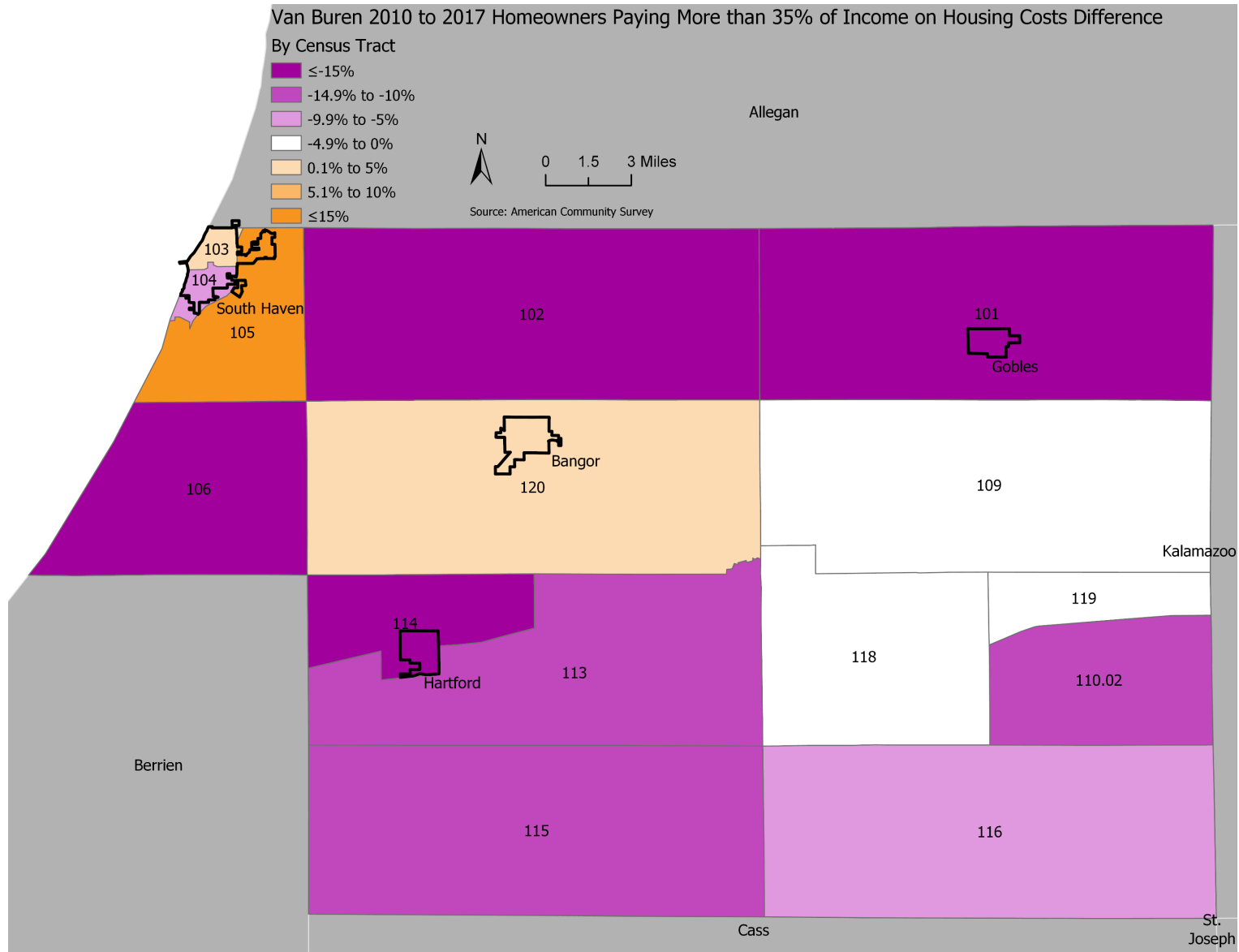
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The percentage of homeowners paying more than 35% of their income on housing costs in Van Buren County decreased by 8.2 percentage points between 2010 and 2017.

In 2010, the percentage of homeowners paying more than 35.0% of their income on housing costs in Van Buren County was 27.5% compared to 27.0% in the state of Michigan. In 2017, this same measure was 19.3% in Van Buren County compared to 18.8% in the state of Michigan.

The percentage of renters paying more than 35% of their income on housing costs in Van Buren County was 0.5 percentage points above that of state of Michigan in 2017.

Prosperity region 8 had a range of homeowners paying more than 35% of their income on housing costs of 16.0% to 21.9% by county in 2017. This range in 2010 was 20.8% to 27.5%.



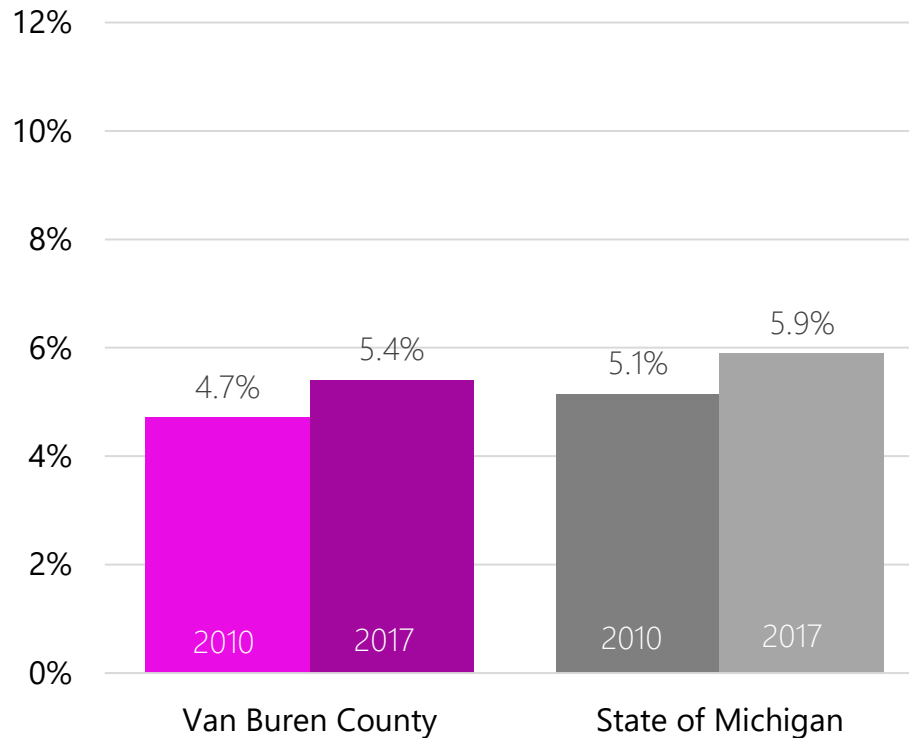
Overall, the percentage of homeowners paying more than 35% of their income on housing decreased in Van Buren County from 2010 to 2017. The only areas where the percentage of homeowners paying more than 35% of their income on housing increased have been census tracts 103 (downtown South Haven), 105 (contains a portion of South Haven), and 120 (Bangor).

The range of values displayed on the map are -20.4% to 13.2%.

**Physical Environment: Transportation**



## Households with Fewer Cars than Workers, (2010 & 2017)



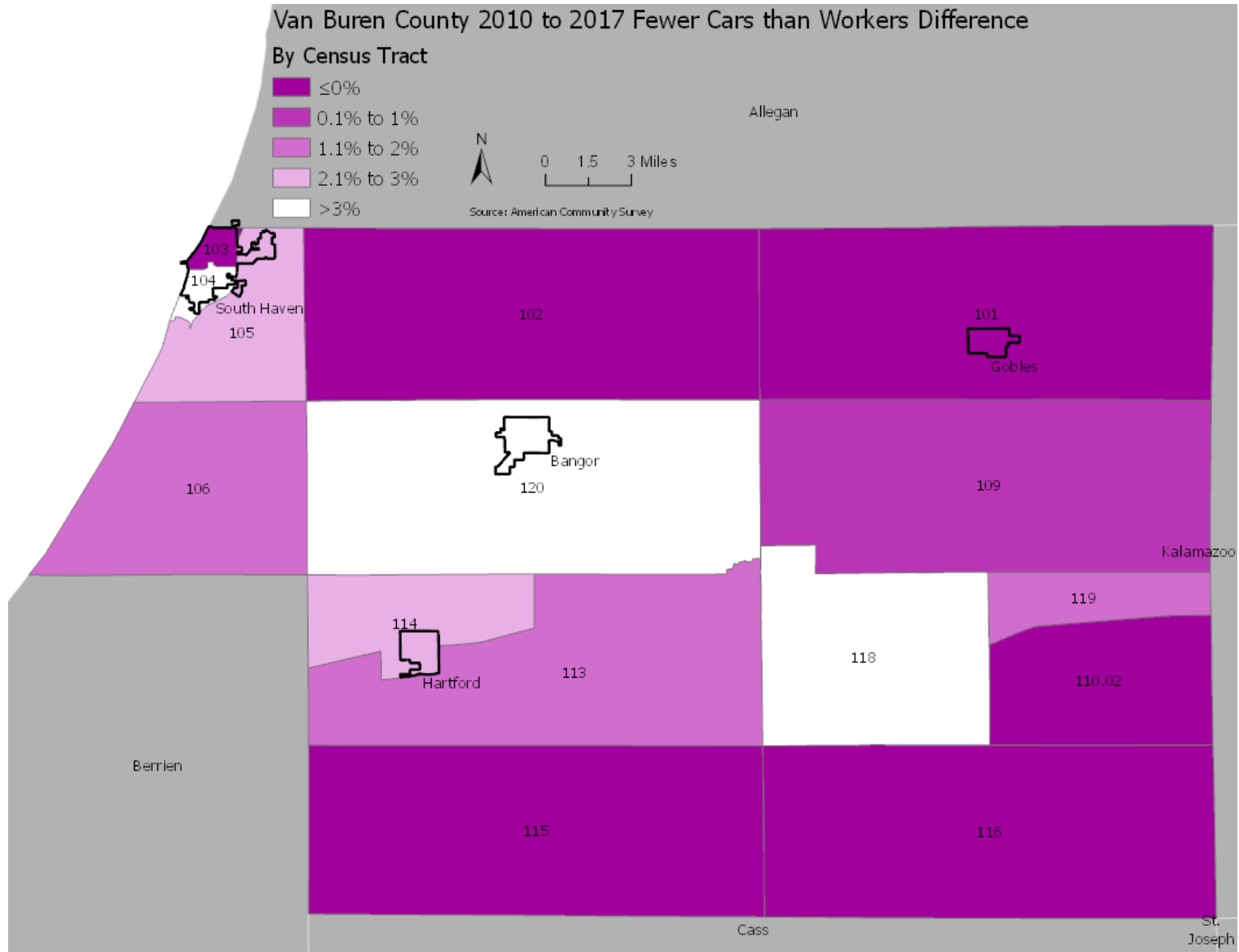
Source: U.S. Census Bureau, 2013-2017 and 2006-2010 American Community Survey 5-Year Estimates

The percentage of households with fewer cars than workers in Van Buren County increased 0.7 percentage points between 2010 and 2017.

In 2010, the percentage of households with fewer cars than workers in Van Buren County was 4.7% compared to 5.1% in the state of Michigan. In 2017, this same measure was 5.4% in Van Buren County compared to 5.9% in the state of Michigan.

The percentage of households with fewer cars than workers in Van Buren County was 0.5 percentage points below that of state of Michigan in 2017.

Prosperity region 8 had a range of 2.9% to 8.1% of households with fewer cars than workers by county in 2017. In 2010, this range was 4.3% to 5.9%.



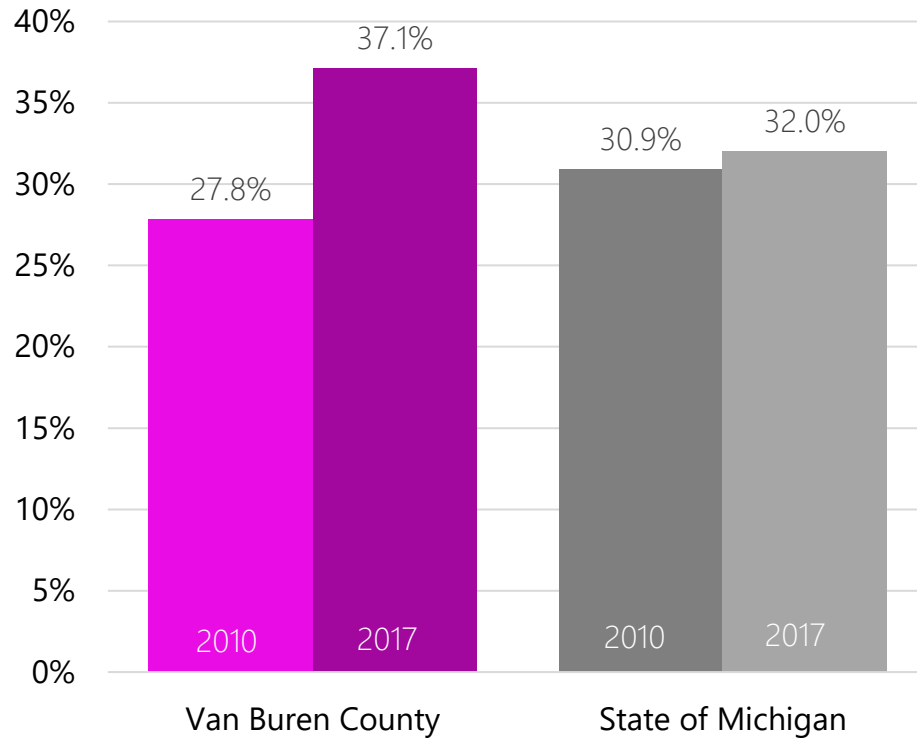
Van Buren County saw an increase in households with fewer cars than workers from 2010 to 2017.

Census tracts 104 (southern South Haven), 118 (Paw Paw), and 120 (Bangor) saw the highest increases of households with fewer cars than workers.

The range of values displayed on the map are -2.9% to 3.7%.

**Physical Environment: Food**

## Obesity Rate, (2010 & 2017)



Source: Michigan Behavioral Risk Factor Survey

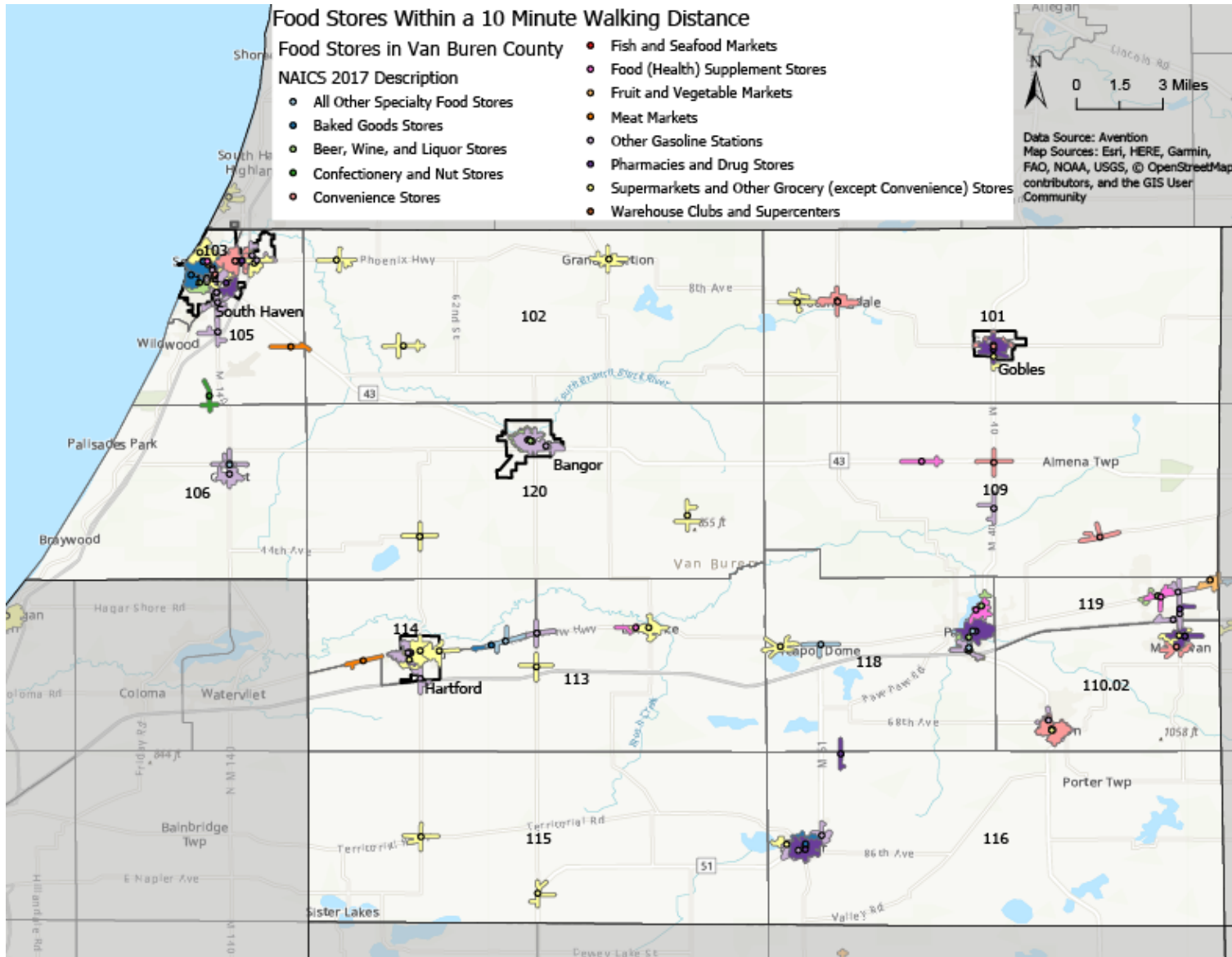
The obesity rate in Van Buren County increased by 9.3 percentage points between 2010 and 2017.

In 2010, the obesity rate in Van Buren County was 27.8% compared to 30.9% in the state of Michigan. In 2017, the obesity rate was 37.1% in Van Buren County compared to 32.0% in the state of Michigan.

The obesity rate in Van Buren County had surpassed that of the state of Michigan by 5.1 percentage points in 2017.

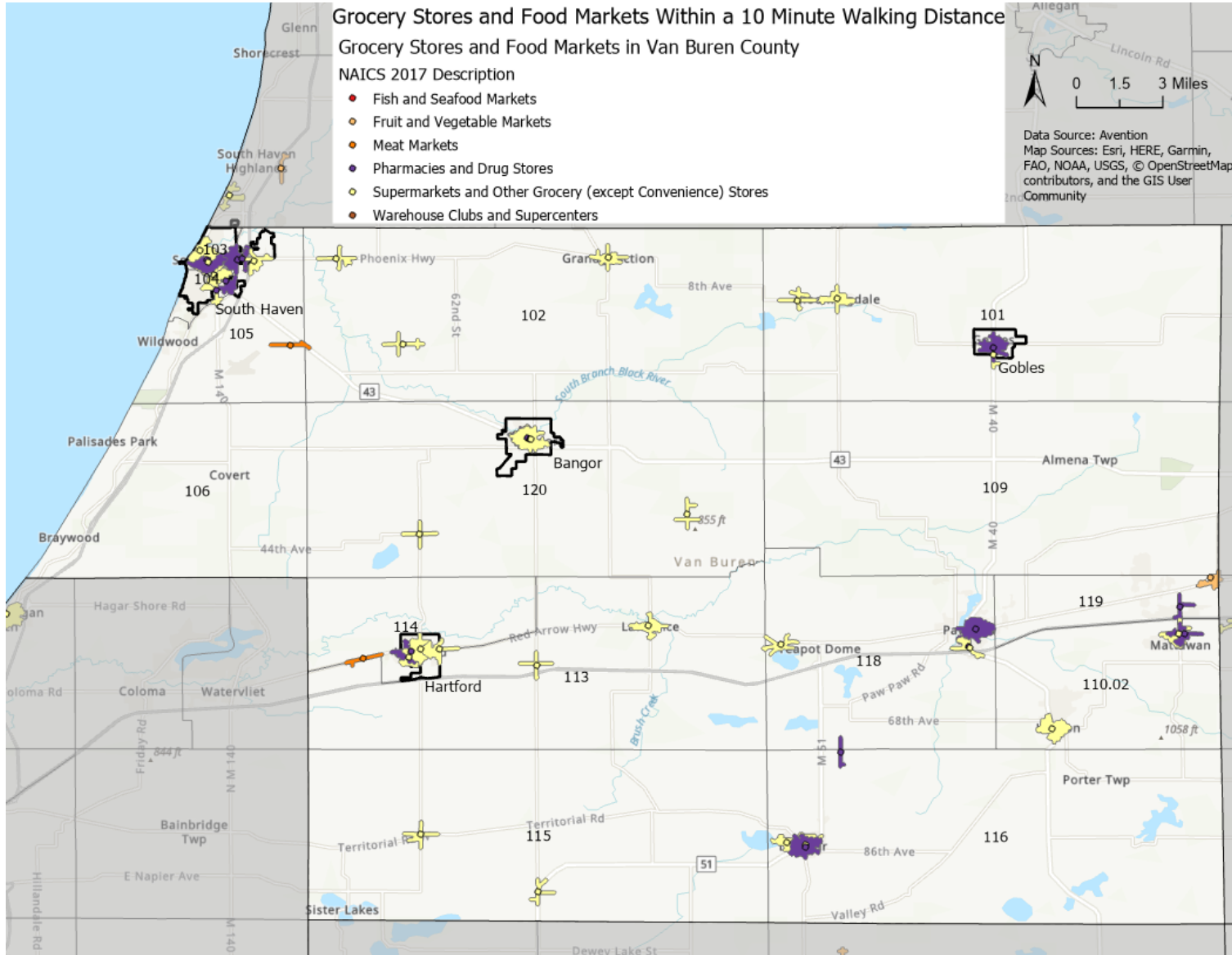
Prosperity region 8 had a range of 30.3% to 38.3% for obesity rates in 2017. This range in 2010 was 26.3% to 37.9%.

Note: Van Buren County data are Van Buren and Cass County combined.



The pictured map displays all food stores in Van Buren County, surrounded by a polygon that represents areas that are within a 10-minute walking distance of each food store.

Note: Establishments represented on the map sell any kind of food product. Please refer to the grocery stores and food market map for stores that carry healthy food options.



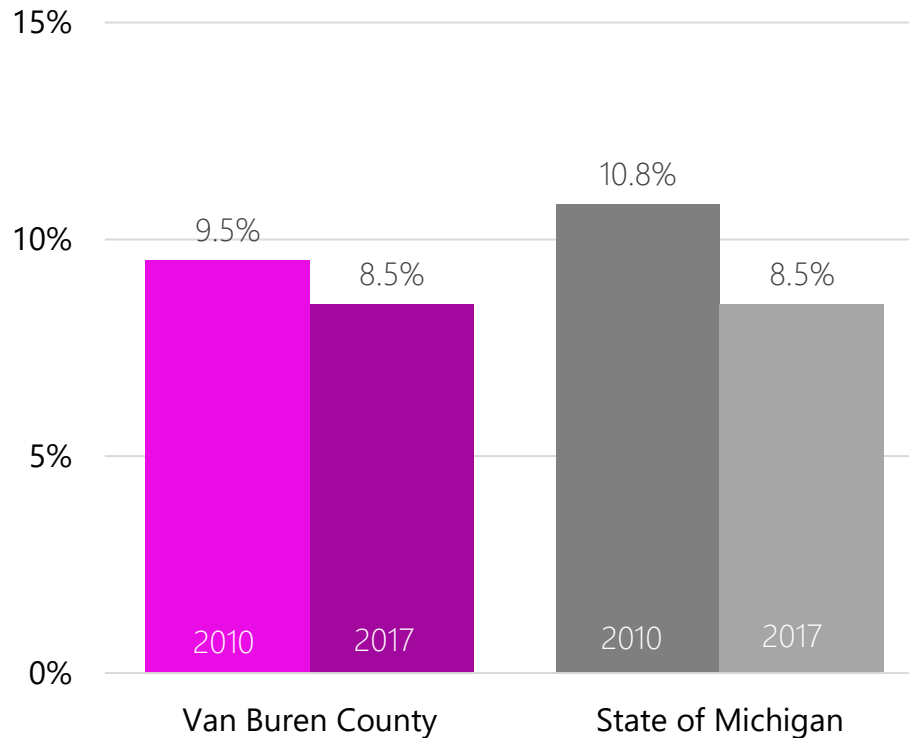
The pictured map displays grocery stores and food markets in Van Buren County, surrounded by a polygon that represents areas that are within a 10-minute walking distance of each grocery store or food market.

**Physical Environment: Parks & Recreation**

**Social Environment: Mental Health**



## Poor Mental Health on at Least 14 Days in the Past Month, (2010 & 2017)



Source: Michigan Department of Health and Human Services Behavior Risk Health Survey

The percentage of people with 14 or more poor mental health days in the past month in Van Buren County decreased by 1.0 percentage points between 2010 and 2017.

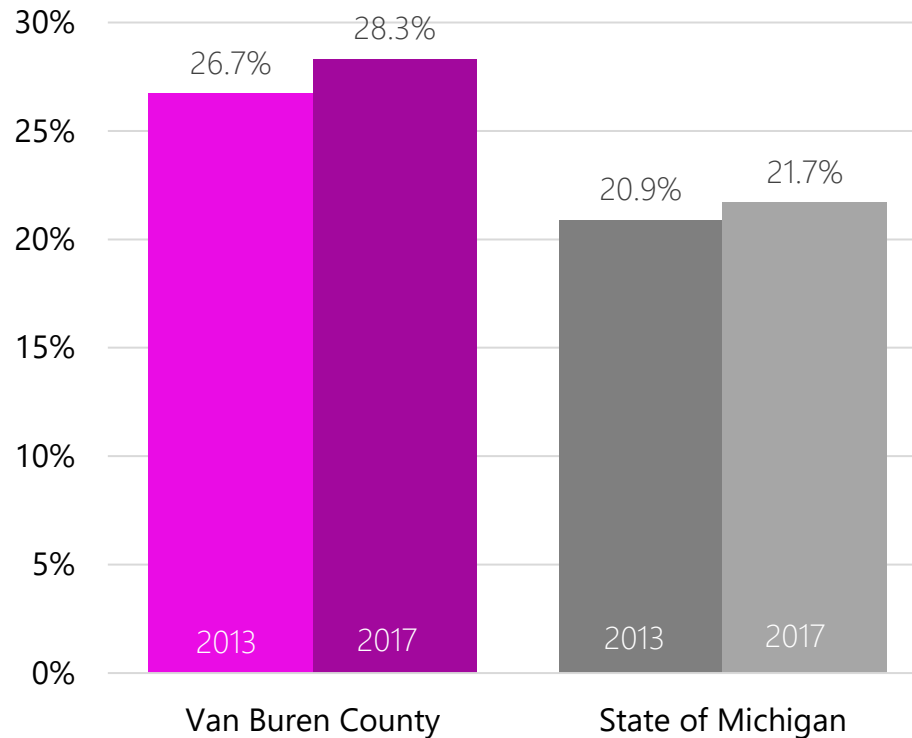
In 2010, the percentage of people with 14 or more poor mental health days in the past month in Van Buren County was 9.5% compared to 10.8% in the state of Michigan. In 2017, this same measure was 8.5% in Van Buren County and in state of Michigan.

The percentage of people with 14 or more poor mental health days in the past month in Van Buren County declined at a slower rate than the state of Michigan; this percentage was equal in 2017.

Prosperity region 8 in 2017 had a range from 8.4% to 12.2% for those with poor mental health on at least 14 days in the past month. In 2010 this range was 9.5% to 13.1%.

Note: Van Buren County data are Van Buren and Cass County combined.

## Diagnosed with Depressive Disorder, (2013 & 2017)



Source: Michigan Department of Health and Human Services Behavior Risk Health Survey

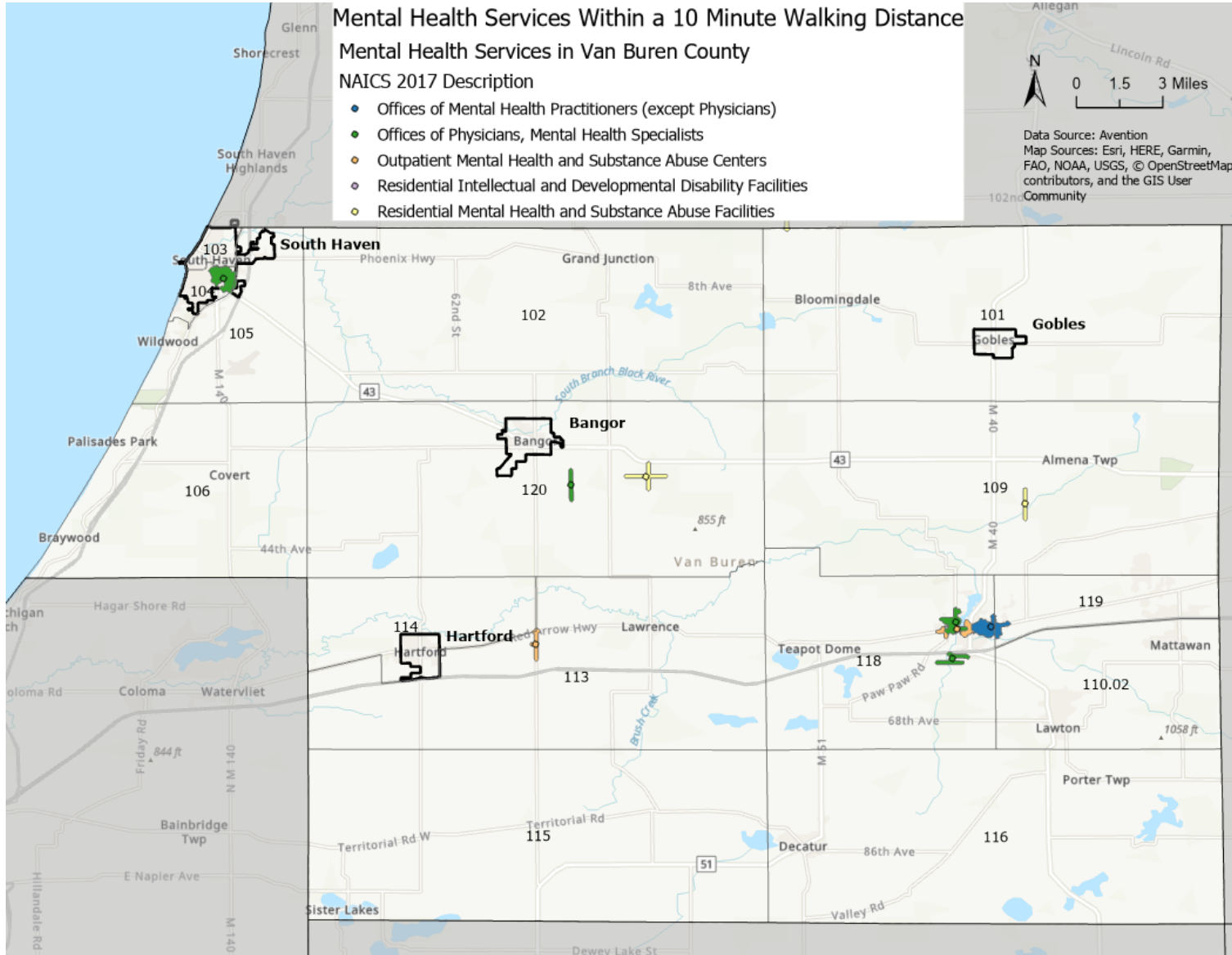
The percentage of individuals diagnosed with depressive disorder in Van Buren County increased by 1.6 percentage points between 2013 and 2017.

In 2013, percentage of individuals diagnosed with depressive disorder in Van Buren County was 26.7% compared to 20.9% in the state of Michigan. In 2017, this same measure was 28.3% in Van Buren County compared to 21.7% in the state of Michigan.

The percentage of individuals diagnosed with depressive disorder in Van Buren County was 6.6 percentage points above that of the state of Michigan in 2017.

In 2017, prosperity region 8 had a range from 20.2% to 29.0% for individuals diagnosed with depressive disorder. In 2013 this range was 18.1% to 26.7%.

Note: Van Buren County data are Van Buren and Cass County combined.

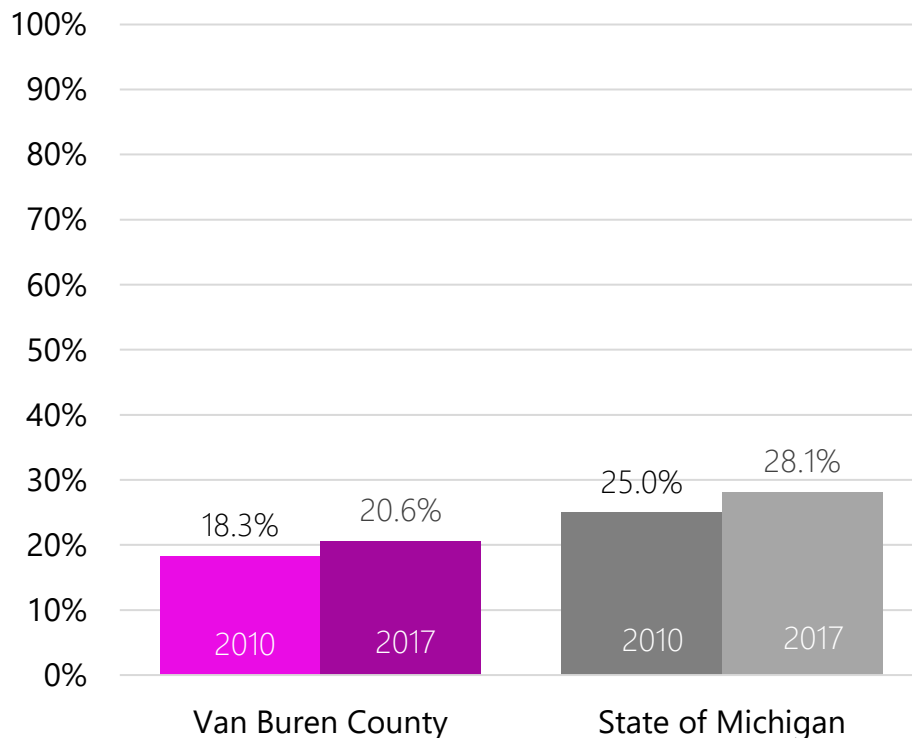


The pictured map displays mental health services in Van Buren County, surrounded by a polygon that represents areas that are within a 10-minute walking distance of each health service establishment.

There is a lack of mental health services in Van Buren County, especially in rural communities. Moreover, many census tracts in Van Buren County have no mental health services.

**Service Environment: Education**

## Educational Attainment—Population 25 Years or Older with a Bachelor’s Degree or Higher, (2010 & 2017)



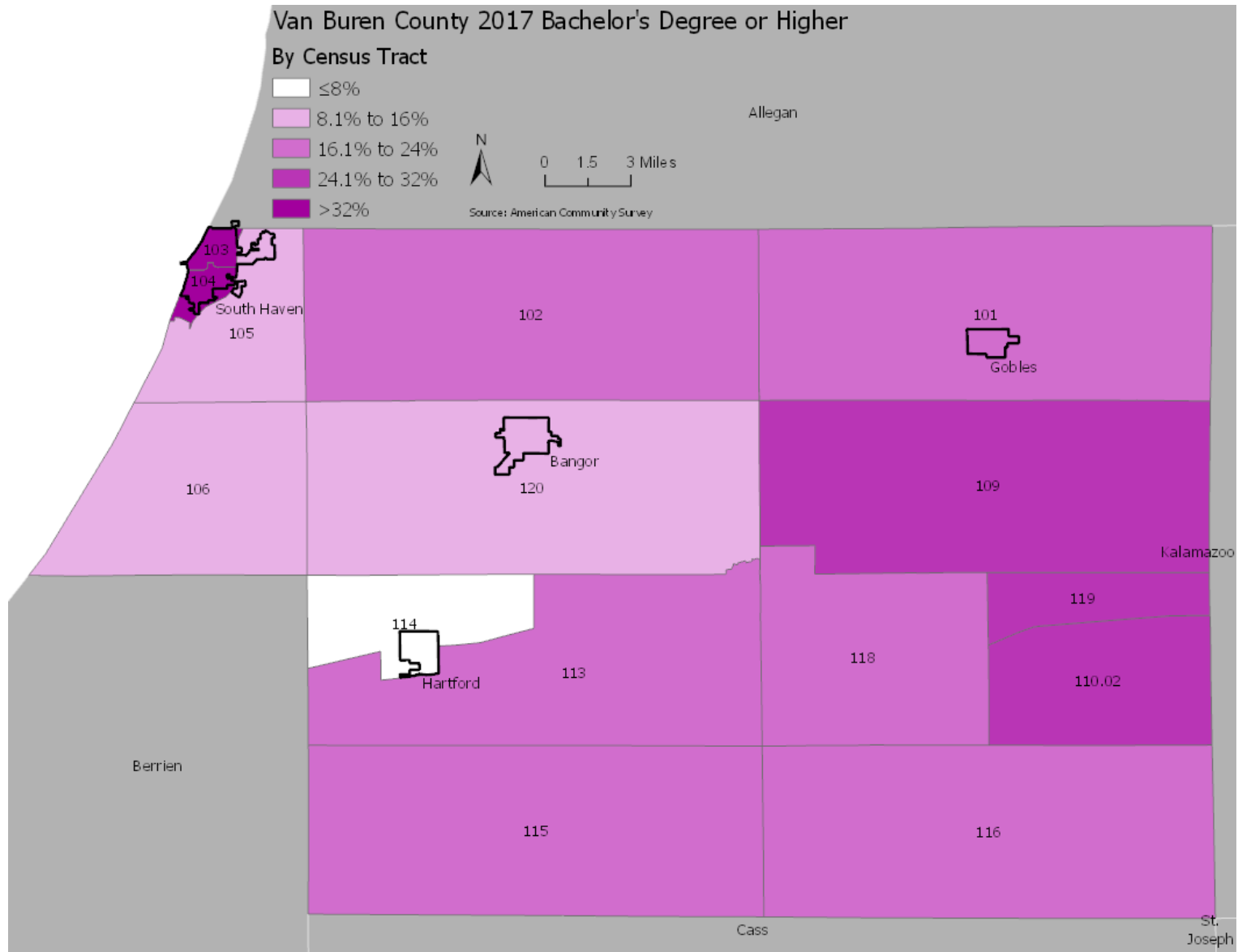
Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

The percentage of the population 25 years or older with a Bachelor’s degree or higher in Van Buren County increased by 2.3 percentage points between 2010 and 2017.

In 2010, the percentage of the population 25 years or older with a Bachelor’s degree or higher in Van Buren County was 18.3% compared to 25.0% in the state of Michigan. In 2017, this same measure was 20.6% in Van Buren County compared to 28.1% in the state of Michigan.

The percentage of the population 25 years or older with a Bachelor’s degree or higher in Van Buren County was 7.5 percentage points below that of state of Michigan in 2017.

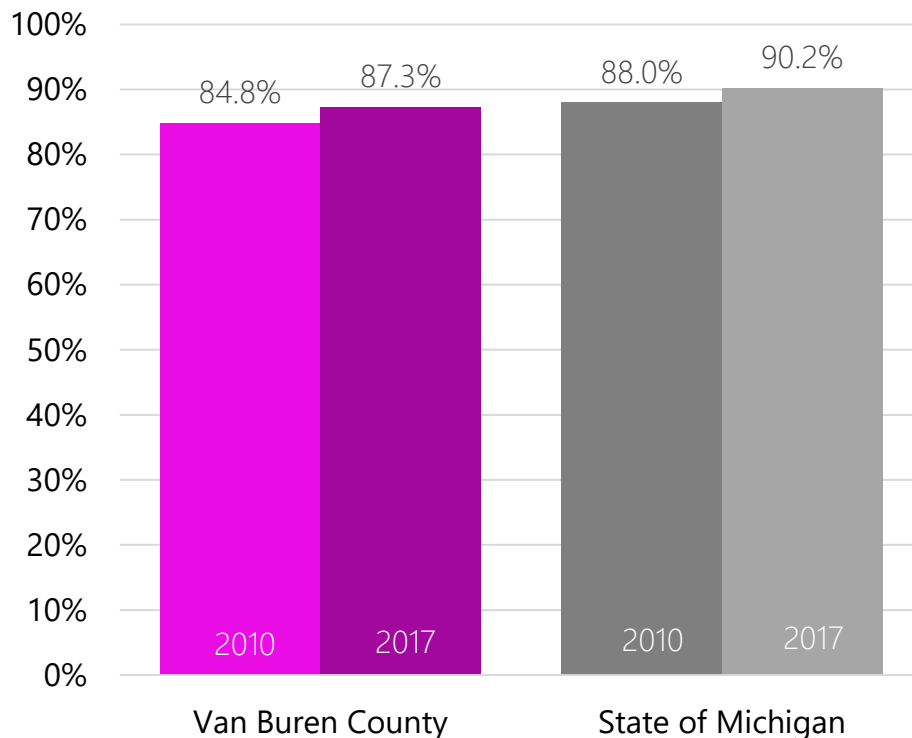
Prosperity region 8 had a range of 14% to 37.2% of the population 25 years or older with a Bachelor’s Degree or higher by county in 2017. In 2010, this same range was 14.0% to 33.4%.



Census tracts with larger populations of people with a High School Education or higher also have larger population of people with a Bachelor's Degree or higher. Tracts 103 and 104 (majority of the City of South Haven), have the highest population of people with a Bachelor's Degree or higher (greater than 32%). Tract 114 has the smallest population of people with a Bachelor's Degree or higher (7%)

The range of values displayed on the map are 7.0% to 34.3%.

## Educational Attainment—Population 25 Years or Older with a High School Diploma or Higher, (2010 & 2017)



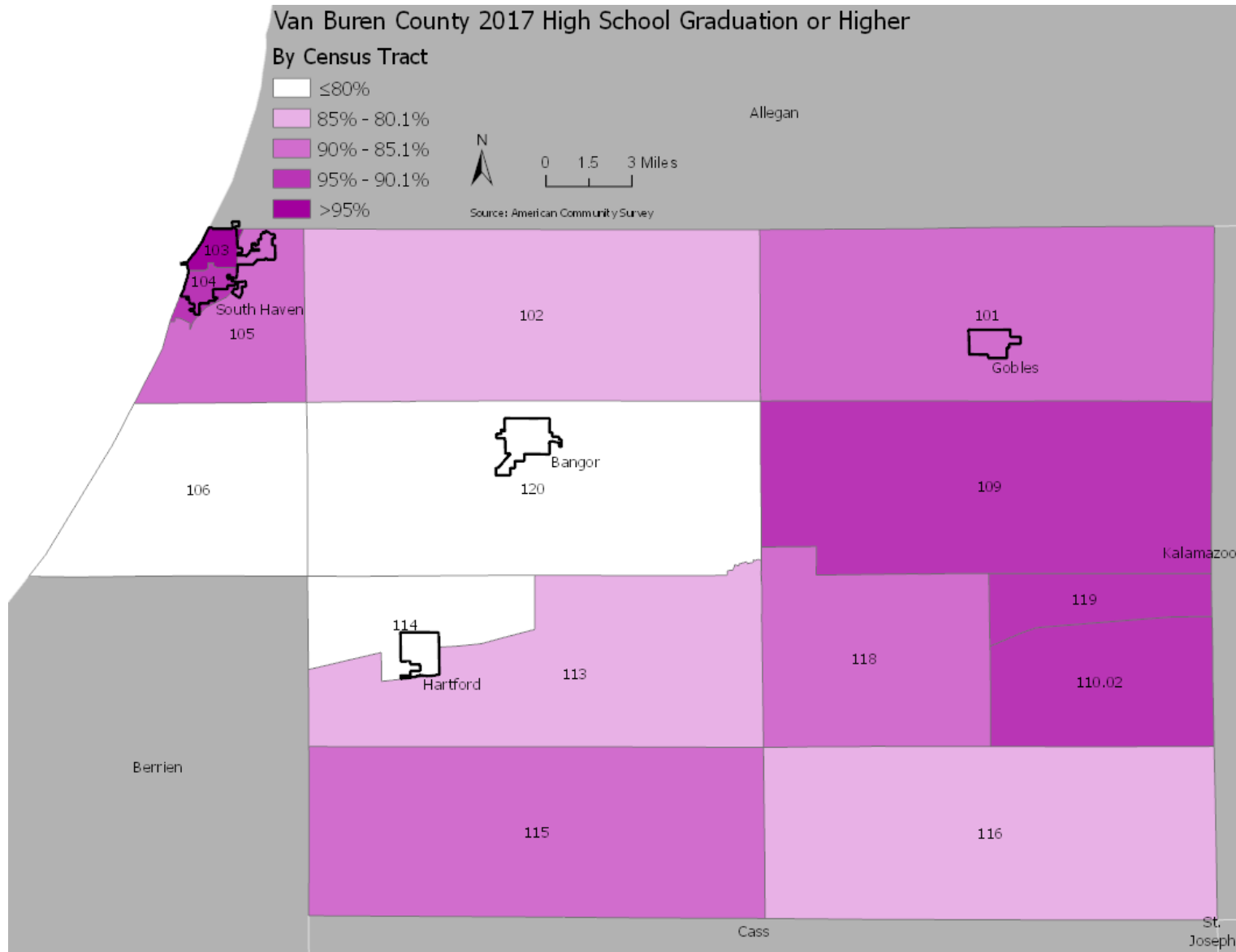
Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

The percentage of the population 25 years or older with a high school diploma or higher in Van Buren County increased by 2.5 percentage points between 2010 and 2017.

In 2010, the percentage of the population 25 years or older with a high school diploma or higher in Van Buren County was 84.8% compared to 88.0% in the state of Michigan. In 2017, this same measure was 87.3% in Van Buren County compared to 90.2% in state of Michigan.

The percentage of the population 25 years or older with a high school diploma or higher in Van Buren County was 2.9 percentage points below that of state of Michigan in 2017.

Prosperity region 8 in 2017 had a range of 86.4% to 93.8% of individuals with a high school diploma or higher for the population 25 years or older. In 2010, this same measure was 84.2% to 91.7%.

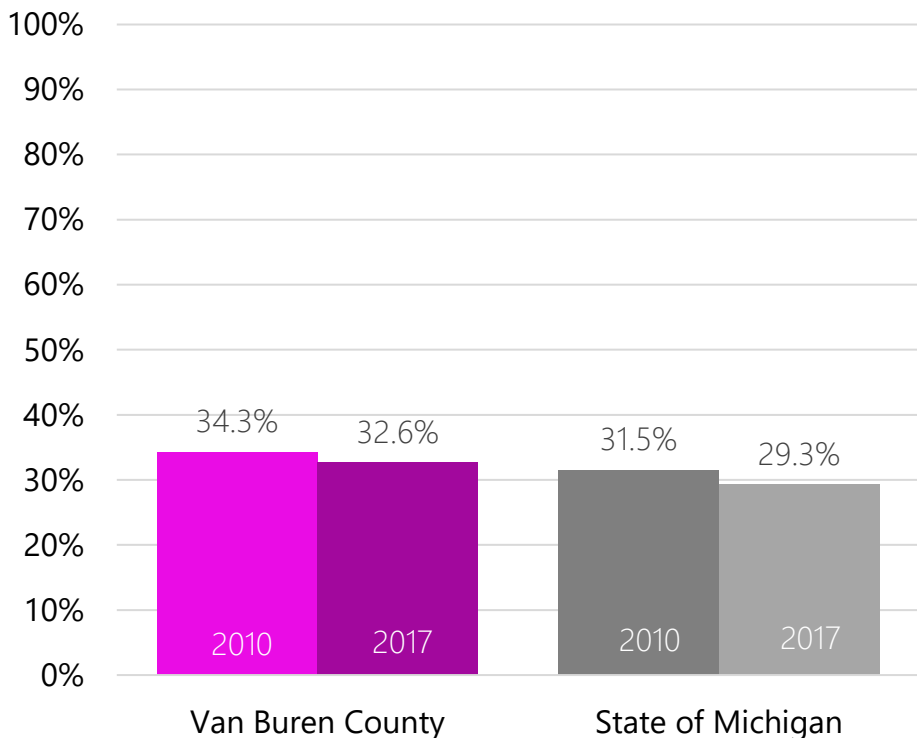


Tracts with 80% or less of the population without a High School Education or higher include 106, 120, and 114. Tract 103 (downtown South Haven) is the only tract in Van Buren County that has a population greater than 95% with a High School Education or higher.

The range of values displayed on the map are 72.8% to 97.4%.



## Educational Attainment—Population 25 Years or Older with a High School Diploma Only, (2010 & 2017)



Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

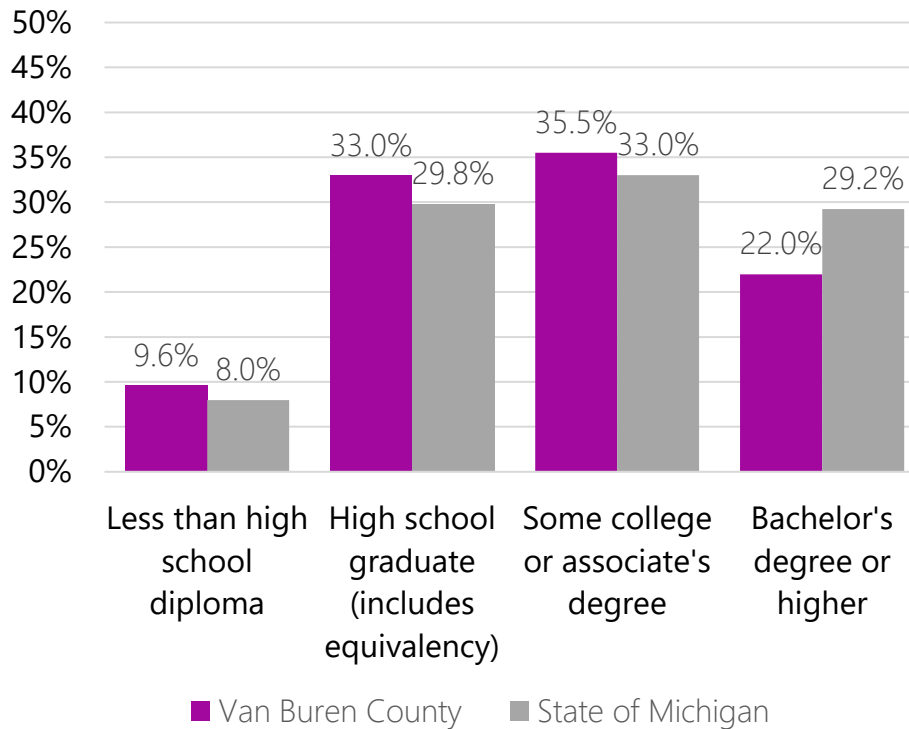
The percentage of the population 25 years or older with only a high school diploma in Van Buren County decreased by 1.7 percentage points between 2010 and 2017.

In 2010, the percentage of the population 25 years or older with only a high school diploma in Van Buren County was 34.3% compared to 31.5% in the state of Michigan. In 2017, this same measure was 32.6% in Van Buren County compared to 29.3% in the state of Michigan.

The percentage of the population 25 years or older with only a high school diploma in Van Buren County was 3.3 percentage points above that of state of Michigan in 2017.

Prosperity region 8 in 2017 had a range of 22.3% to 41.1% of individuals with only a high school diploma for the population 25 years or older. In 2010, this same measure was 25.9% to 41.2%.

## Educational Attainment—Population 25 Years or Older White Non-Hispanic, (2017)

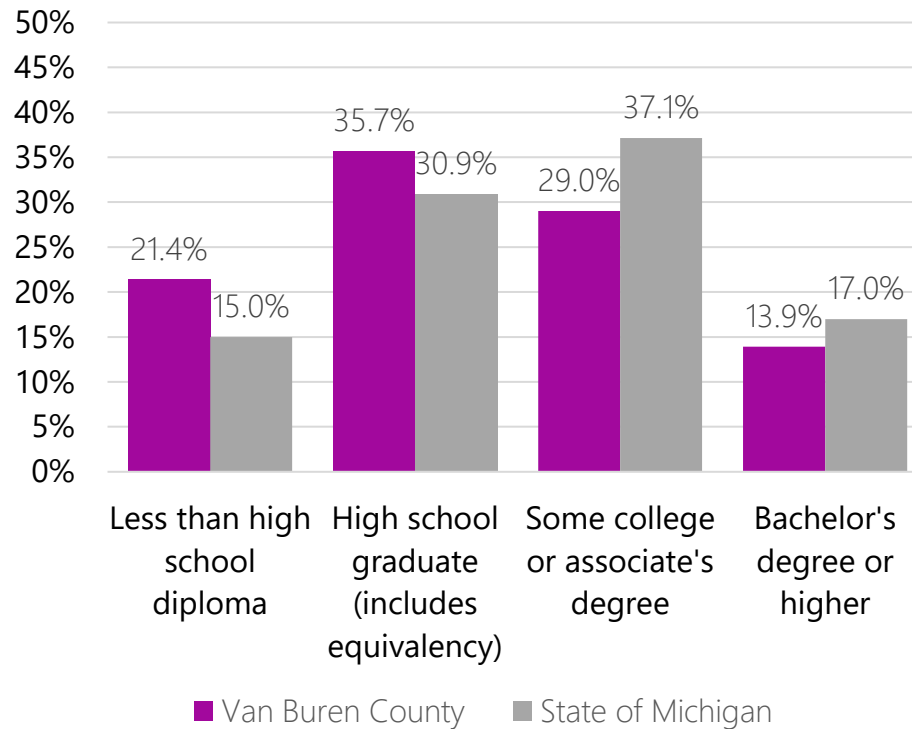


Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

For White non-Hispanic individuals 25 years or older, Van Buren County lagged behind the state of Michigan in educational attainment in 2017. Individuals in this demographic have a rate of Bachelor's degree or higher attainment 7.2 percentage points lower than the state of Michigan.

For races/ethnicities with a large enough sample size from which to report data, the White non-Hispanic population had the highest percentage of population 25 years or older with a Bachelor's degree or higher in both Van Buren County and the state of Michigan in 2017. This population also had the lowest rate of individuals with less than a high school diploma in both Van Buren County and the state of Michigan.

## Educational Attainment—Population 25 Years or Older Black or African American, (2017)

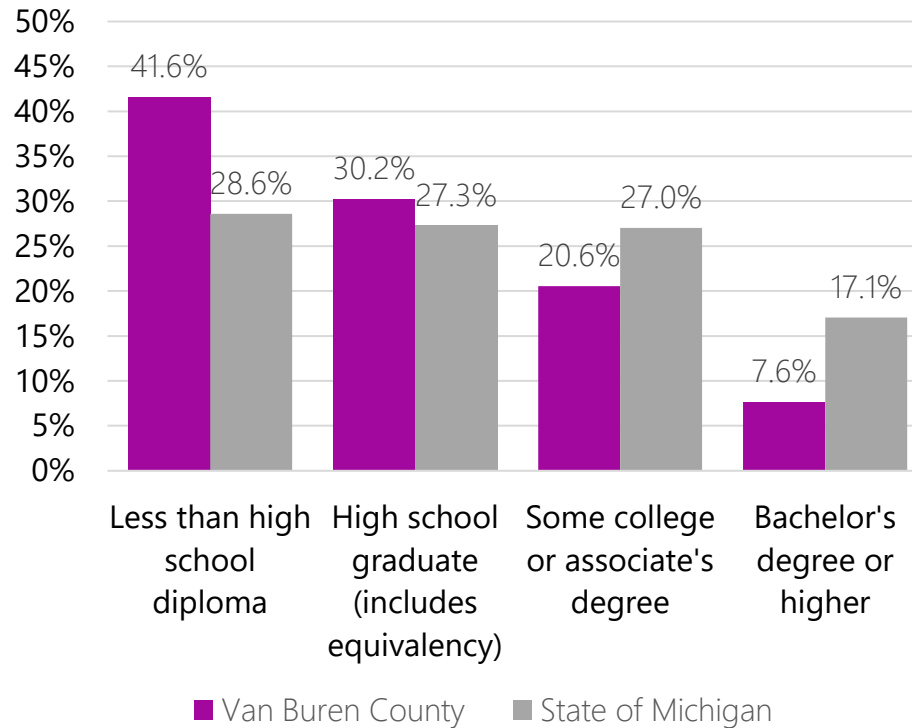


Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

For Black or African American individuals 25 years or older, Van Buren County lagged behind the state of Michigan in educational attainment in 2017. Individuals in this demographic have a rate of Bachelor's degree or higher attainment 3.1 percentage points lower than the state of Michigan.

For races/ethnicities with a large enough sample size from which to report data, the Black or African American population has the second lowest percentage of population 25 years or older with a Bachelor's degree or higher in both Van Buren County and the state of Michigan. This population also has the second highest rate of individuals with less than a high school diploma in both Van Buren County and the state of Michigan.

## Educational Attainment—Population 25 Years or Older Hispanic or Latino, (2017)

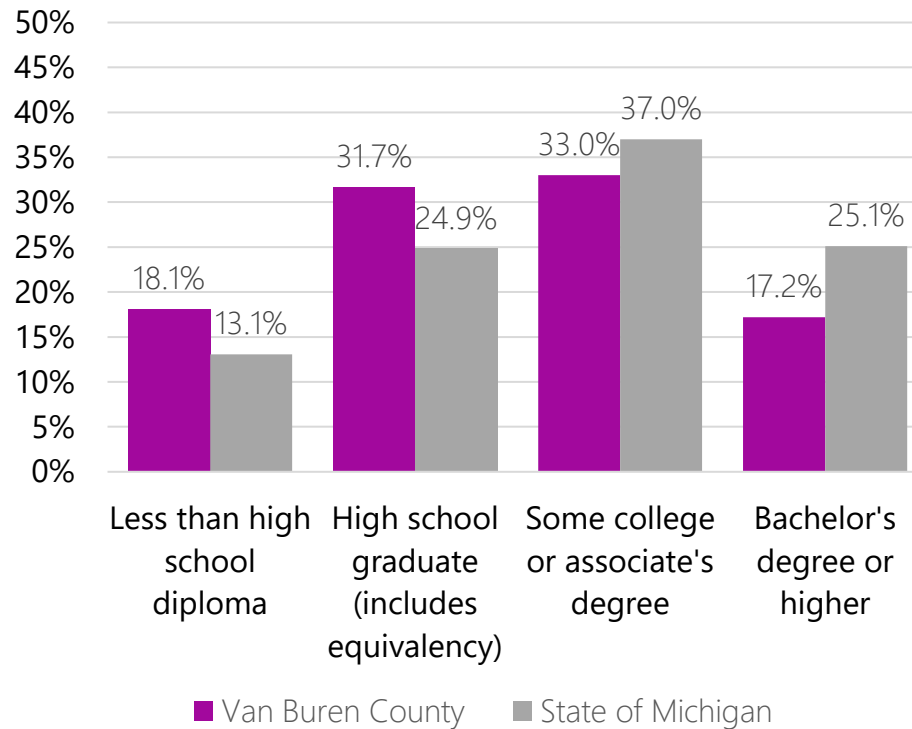


Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

For Hispanic or Latino individuals 25 years or older, Van Buren County lagged behind the state of Michigan in educational attainment in 2017. Individuals in this demographic have a rate of Bachelor's degree or higher attainment 9.5 percentage points lower than the state of Michigan.

For races/ethnicities with a large enough sample size from which to report data, the Hispanic or Latino population had the lowest percentage of population 25 years or older with a Bachelor's degree or higher in both Van Buren County and the state of Michigan. This population also has the highest rate of individuals with less than a high school diploma in both Van Buren County and the state of Michigan.

## Educational Attainment—Population 25 Years or Older Two or More Races, (2017)

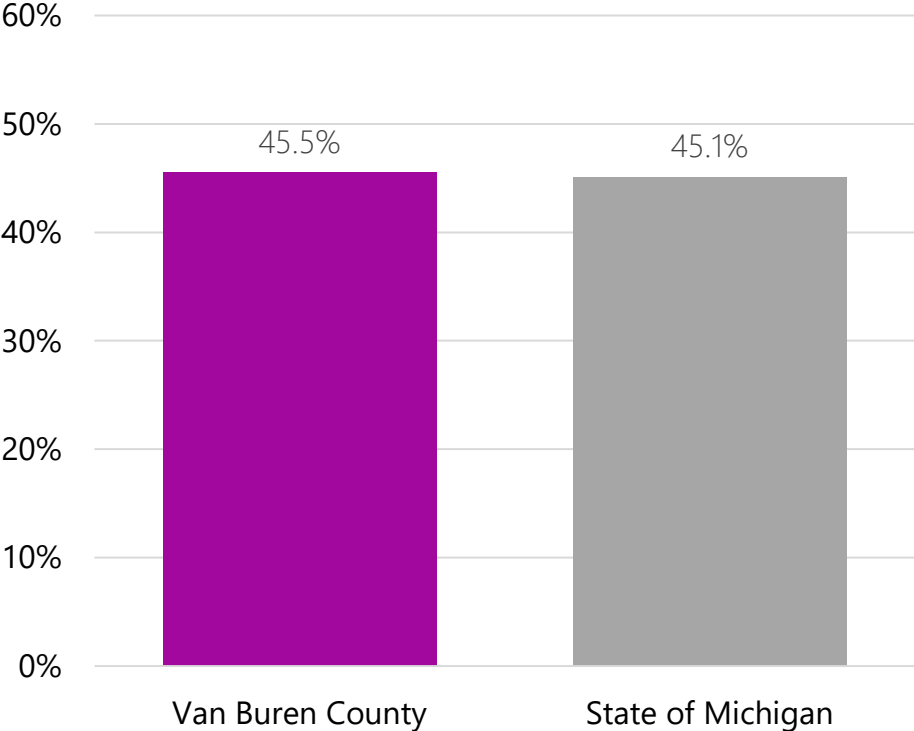


Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates

For individuals who are two or more races and 25 years or older, Van Buren County lagged behind the state of Michigan in educational attainment. Individuals in this demographic have a rate of Bachelor's degree or higher attainment 7.9 percentage points lower than the state of Michigan.

For races/ethnicities with a large enough sample size from which to report data, the population who are two or more races has the second highest percentage of population 25 years or older with a Bachelor's degree or higher in both Van Buren County and the state of Michigan. This population also has the second lowest rate of individuals with less than a high school diploma in both Van Buren County and the state of Michigan.

# Third Grade English Language Arts Proficiency— Advanced or Proficient, (2019)



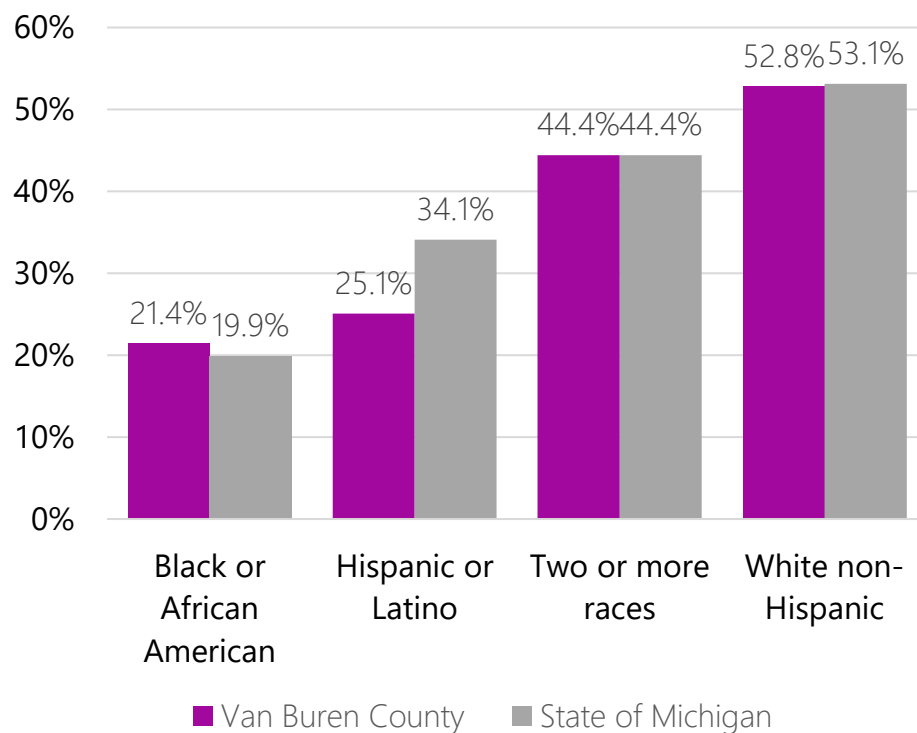
Source: MI School Data

In 2019, the third grade English language arts proficiency rate was 45.5% in Van Buren County compared to 45.1% in the state of Michigan.

The third grade English language arts proficiency rate in Van Buren County is 0.4 percentage points above that of the state of Michigan.

Prosperity region 8 has a third grade English language arts proficiency range of 35.1% to 45.7% by county in 2019.

## Third Grade English Language Arts Proficiency— Advanced or Proficient, (2019)



Source: MI School Data

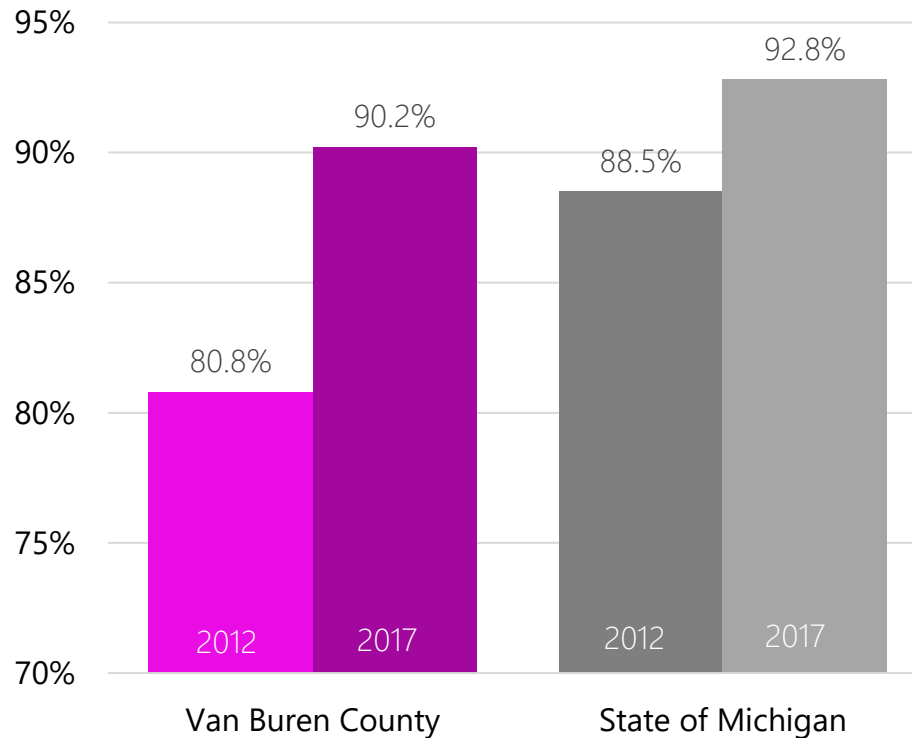
In 2019, for races/ethnicities with a large enough sample size from which to report data, the third grade English language arts proficiency rate is lower in Van Buren County than the state of Michigan for all races/ethnicities except for individuals who are Black or African American.

In both the state of Michigan and Van Buren County, children who are White non-Hispanic have the highest third grade English language proficiency rate. Children who are Black or African American have the lowest proficiency rate for third grade English language in both Van Buren County and the state of Michigan. In Van Buren County, third graders who are Black or African American have an English language arts proficiency rate that is 31.4 percentage points lower than children who are White non-Hispanic.

**Service Environment: Healthcare**



## Health Insurance Coverage, (2012 & 2017)



Source: U.S. Census Bureau, 2013-2017 and 2008-2012 American Community Survey 5-Year Estimates

The rate of individuals in Van Buren county with health insurance has increased by 9.4 percentage points in the past 5 years. This is likely a result of the passage of the Affordable Care Act and the expansion of Medicaid in Michigan.

In 2012 (the first year with available data), health insurance rate in Van Buren County was 80.8% compared to 88.5% in the state of Michigan. In 2017, this same measure was 90.2% in Van Buren County compared to 92.8% in the state of Michigan.

The health insurance coverage rate in Van Buren County was 2.6 percentage points below that of state of Michigan in 2017.

Prosperity region 8 had a range of 89.1% to 93.1% of individuals who have health insurance at the county level. This range in 2012 was 86.9% to 89.6%.

### Van Buren County 2012 to 2017 Health Insurance Coverage Difference

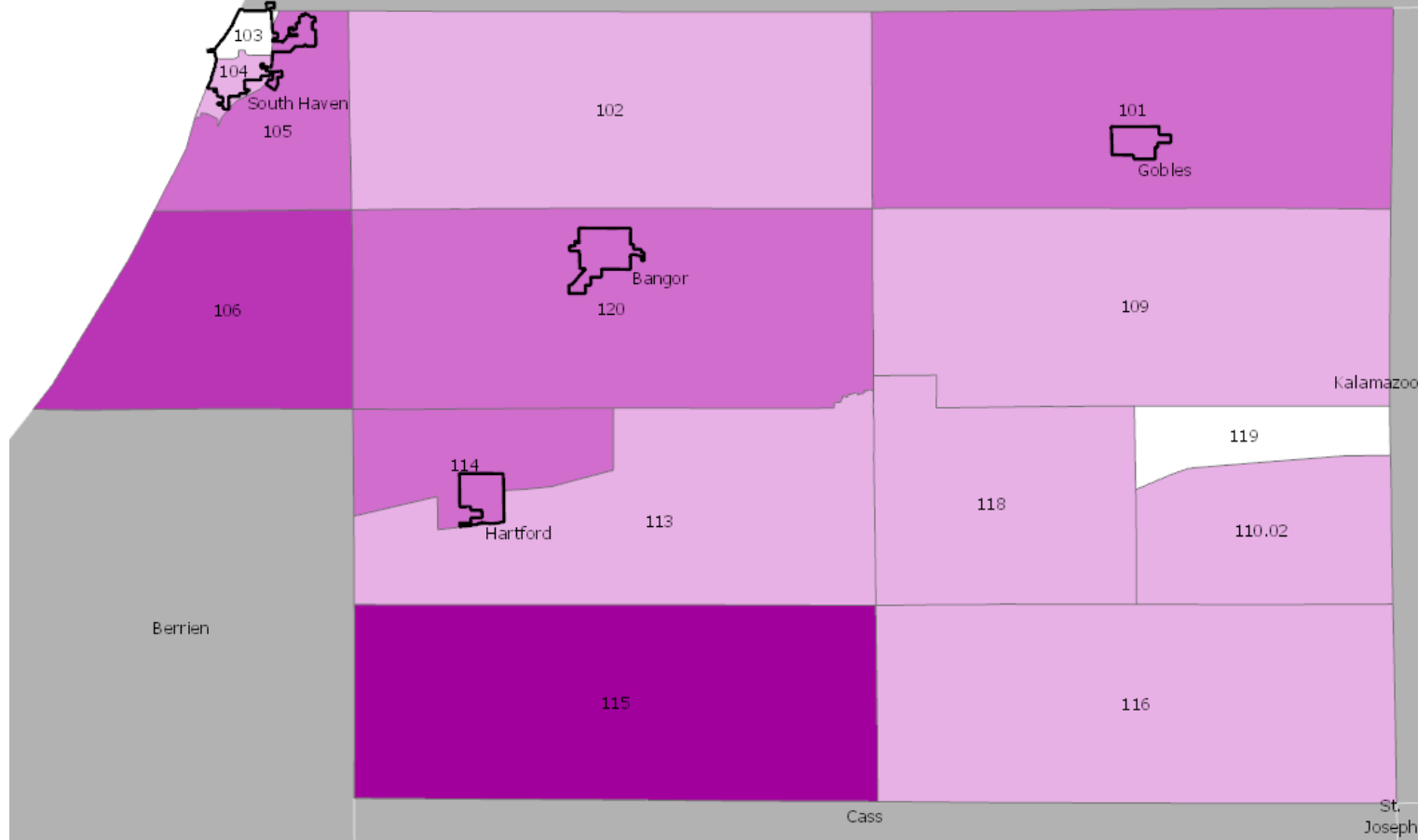
#### By Census Tract

- ≤0%
- 0.1% to 5%
- 5.1% to 10%
- 10.1% to 15%
- >15%



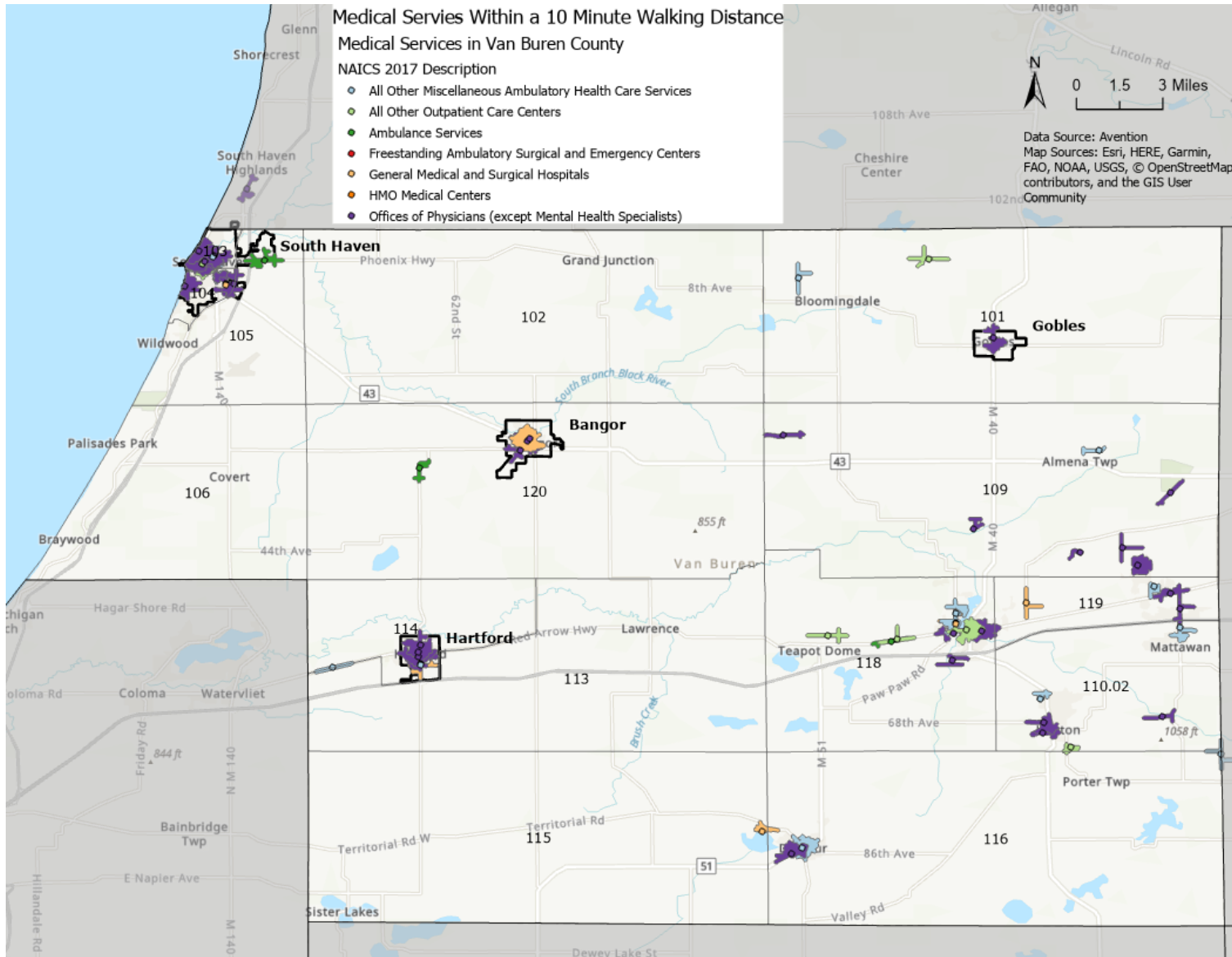
0 1.5 3 Miles

Source: American Community Survey



Van Buren County saw a large increase in health insurance coverage between 2012 and 2017; the highest increase was in census tract 115. Tracts 103 and 119 saw no increase or decrease in coverage, but overall the county has increased in coverage.

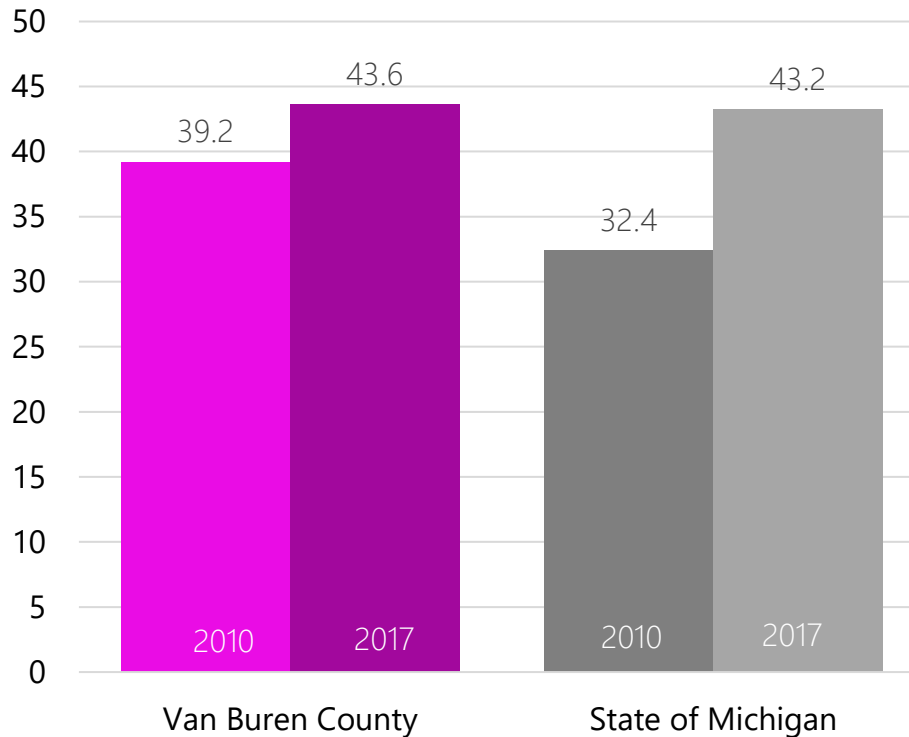
The range of values displayed on the map are -1.3% to 16%.



The pictured map displays facilities offering medical services in Van Buren County, surrounded by a polygon that represents areas that are within a 10-minute walking distance of each facility.

# Service Environment Mental Health & Substance Abuse

## Deaths of Despair, (2010 & 2017) (Crude rate per 100,000 people)



Source: CDC Wonder

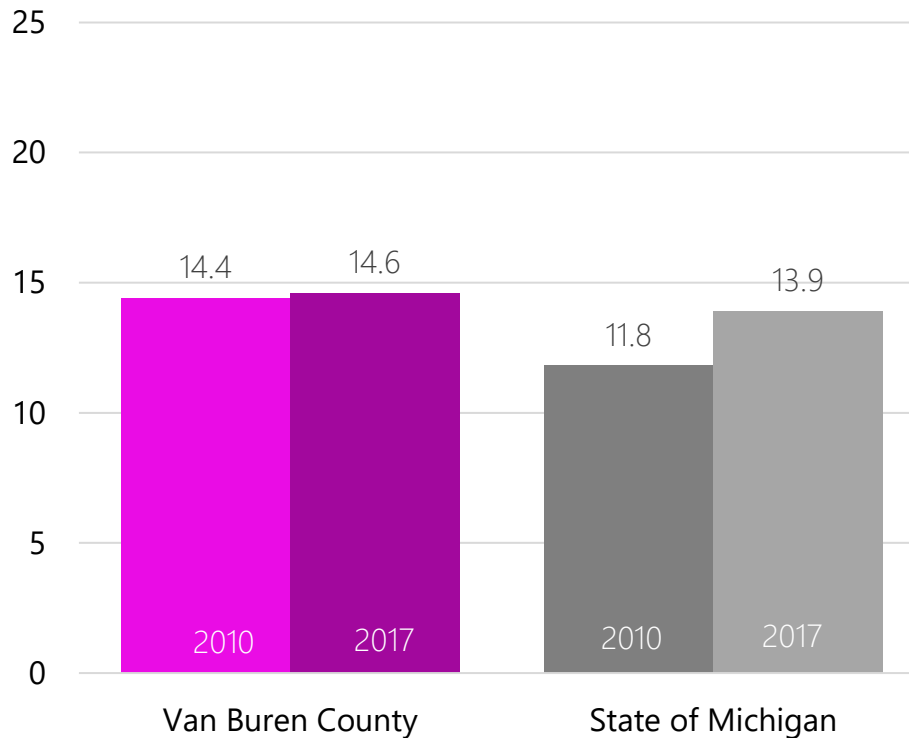
Deaths of despair include deaths related to suicide, alcohol, and drug overdose. The rate of deaths of despair per 100,000 people in Van Buren County increased by 4.4 deaths per 100,000 people between 2010 and 2017.

In 2010, the deaths of despair rate for people in Van Buren County was 39.2 per 100,00 compared to 32.4 per 100,00 in the state of Michigan. In 2017, this same measure was 43.6 per 100,00 in Van Buren County compared to 43.2 per 100,00 in the state of Michigan.

The rate of deaths of despair for Van Buren County was at a rate of 0.4 deaths per 100,000 above that of state of Michigan.

Prosperity region 8 had a range of 39.1 to 64.8 deaths of despair per 100,000 people. This range in 2010 was 27.2 to 48.4 per 100,000.

## Deaths from Suicide, (2010 & 2017) (Crude rate per 100,000 people)



Source: CDC Wonder

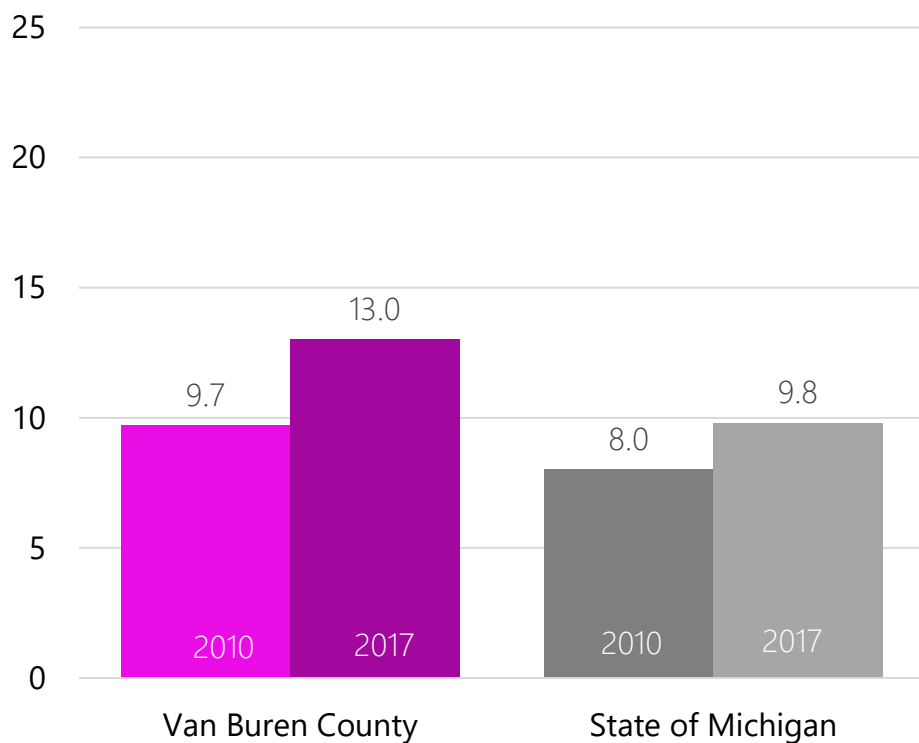
The rate of deaths from suicide per 100,000 people in Van Buren County increased by 0.2 deaths between 2010 and 2017.

In 2010, the suicide rate in Van Buren County was 14.4 per 100,00 compared to 11.8 per 100,00 in the state of Michigan. In 2017, this same measure was 14.6 per 100,00 in Van Buren County compared to 13.9 per 100,00 in the state of Michigan.

The suicide rate for Van Buren County was 0.7 deaths per 100,000 above that of state of Michigan in 2017.

Prosperity region 8 had a range of 12.5 to 20.9 deaths from suicide per 100,000 people. This range in 2010 was 10.8 to 14.4 per 100,000.

## Alcohol Related Deaths, (2010 & 2017) (Crude rate per 100,000 people)



Source: CDC Wonder

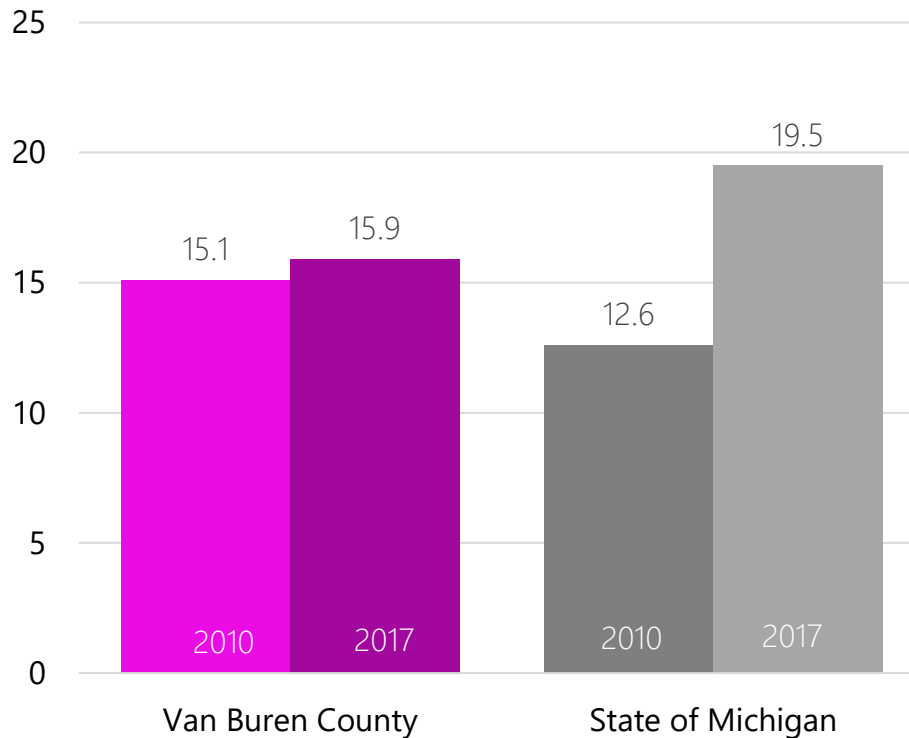
The rate of alcohol related deaths per 100,000 people in Van Buren County increased by 3.3 deaths per 100,000 people between 2010 and 2017.

In 2010, the rate of alcohol related in Van Buren County was 9.7 per 100,00 compared to 8.0 per 100,00 in the state of Michigan. In 2017, this same measure was 13.0 per 100,00 in Van Buren County compared to 9.8 per 100,00 in the state of Michigan.

The rate of alcohol related deaths for Van Buren County remains at a rate of 3.2 deaths per 100,000 above that of state of Michigan.

Prosperity region 8 had a range of 8.1 to 18.0 alcohol related deaths per 100,000 people. This range was 7.8 to 14.3 in 2010 per 100,000.

## Drug Related Deaths, (2010 & 2017) (Crude rate per 100,000 people)



Source: CDC Wonder

The rate of drug related deaths per 100,000 people in Van Buren County increased by 0.8 deaths between 2010 and 2017.

In 2010, the rate of drug related deaths in Van Buren County was 15.1 per 100,00 compared to 12.6 per 100,00 in the state of Michigan. In 2017, this same measure was 15.9 per 100,00 in Van Buren County compared to 19.5 per 100,00 in the state of Michigan.

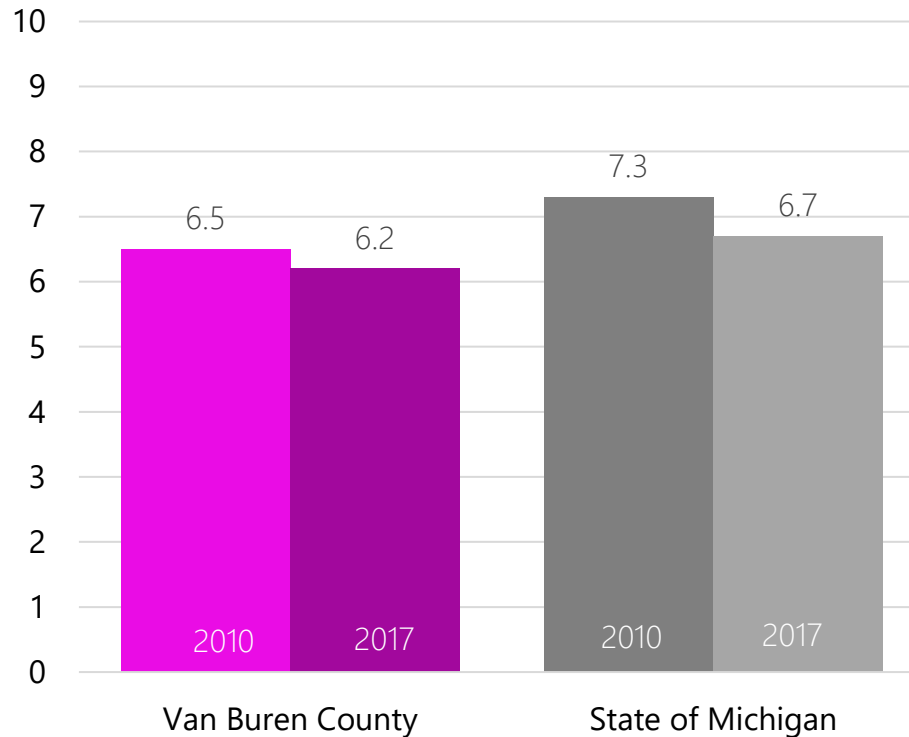
The rate of drug related deaths in Van Buren County was 3.6 deaths per 100,000 below that of state of Michigan in 2017.

Prosperity region 8 had a range of 9.7 to 27.6 per 100,00 drug related deaths per 100,000 people. This range in 2010 was 8.4 to 19.7 per 100,000.



# Service Environment: Disparities in Health Outcomes

## Infant Mortality Rate, (2010 & 2017) (per 1,000 live births)



Source: Michigan Department of Health & Human Services

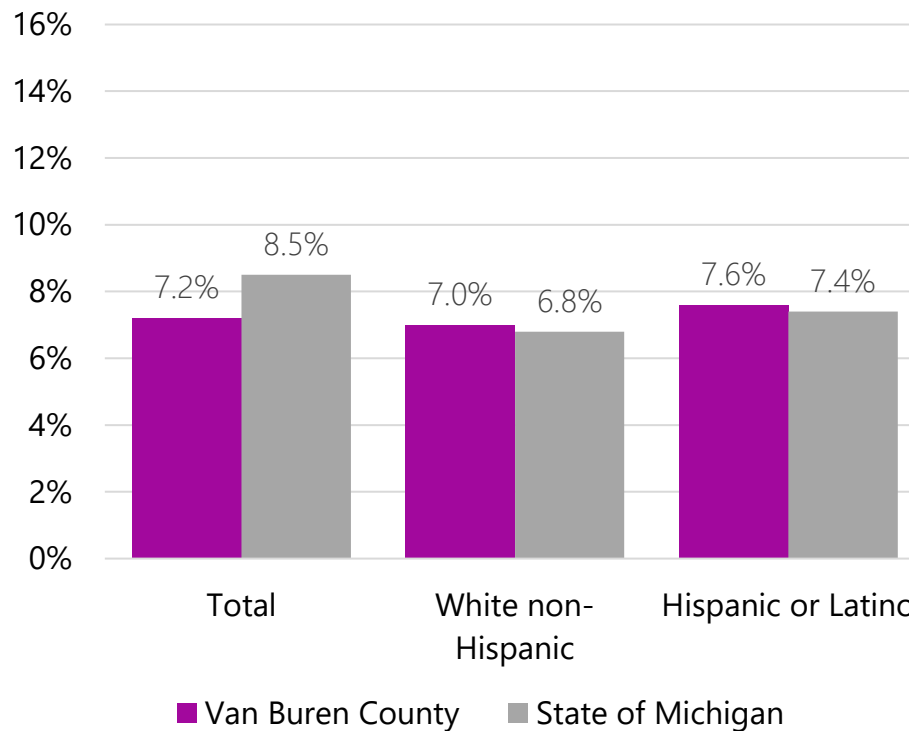
The infant mortality rate per 1,000 live births in Van Buren County decreased by 0.3 deaths between 2010 and 2017.

In 2010, the infant mortality in Van Buren County was 6.5 rate per 1,000 live births compared to 7.3 rate per 1,000 live births in the state of Michigan. In 2017, this same measure was 6.2 in Van Buren County compared to 6.7 rate per 1,000 live births in the state of Michigan.

The infant mortality rate in Van Buren County was 0.5 deaths per 1,000 live births below that of state of Michigan in 2017.

Prosperity region 8 had an infant mortality rate range of 5.2 to 8.7 rate per 1,000 live births in 2017. This range was 4.9 to 10.6 rate per 1,000 live births in 2010.

## Percentage of Live Births with Low or Very Low Birthweight, (2018)

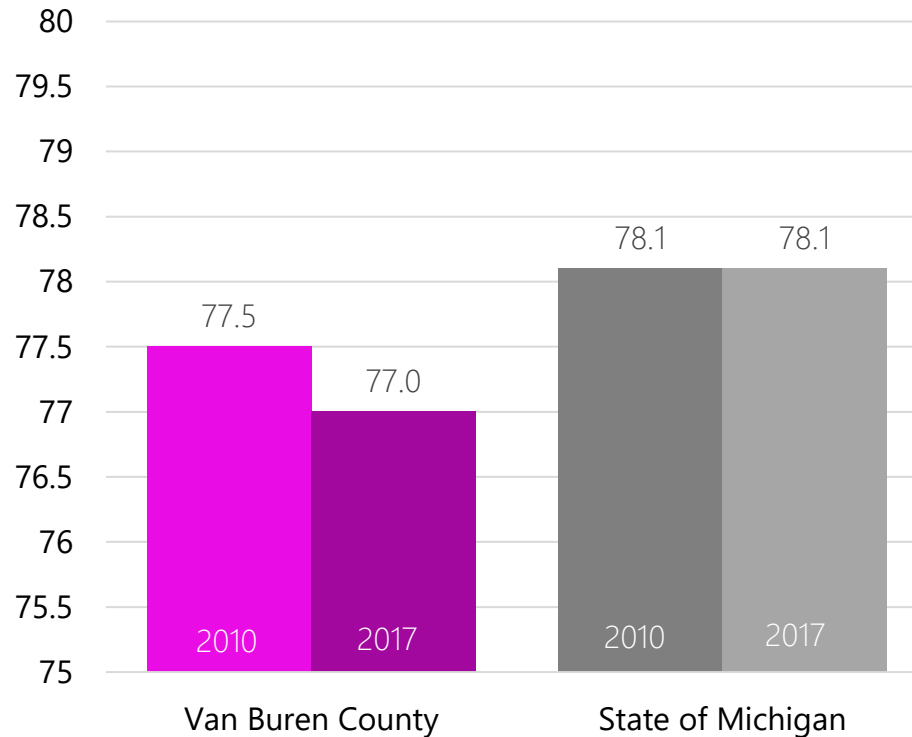


Source: Michigan Department of Health & Human Services

In 2018, for races/ethnicities with a large enough sample size from which to report data, the percentage of live births with low or very low birthweight is lower in Van Buren county than the State of Michigan for individuals who are white and higher than the State of Michigan for individuals who are Hispanic or Latino.

In both the state of Michigan and Van Buren County, individuals who are White have the lowest low or very low birthrate. Individuals who are Hispanic or Latino have a higher low or very low birthrate in both Van Buren County and the state of Michigan. In Van Buren County, individuals who are Hispanic or Latino have a low or very low birthrate that is 0.6 percentage points higher than individuals who are White.

## Life Expectancy, (2010 & 2017)



Source: Institute for Health Metrics and Evaluation (IHME); County Health Rankings

Life expectancy in Van Buren County decreased by 0.5 years between 2010 and 2017.

In 2010, life expectancy in Van Buren County was 77.5 compared to 78.1 in the state of Michigan. In 2017, life expectancy in Van Buren County was 77.0 compared to 78.1 in the state of Michigan.

Life expectancy in Van Buren County was 1.1 fewer years than that of state of Michigan in 2017.

Prosperity region 8 had a life expectancy range of 76.5 to 78.8 years in 2010. This range was 77.3 to 79.1 in 2017.

### Van Buren County Life Expectancy (2010 to 2015 Average)

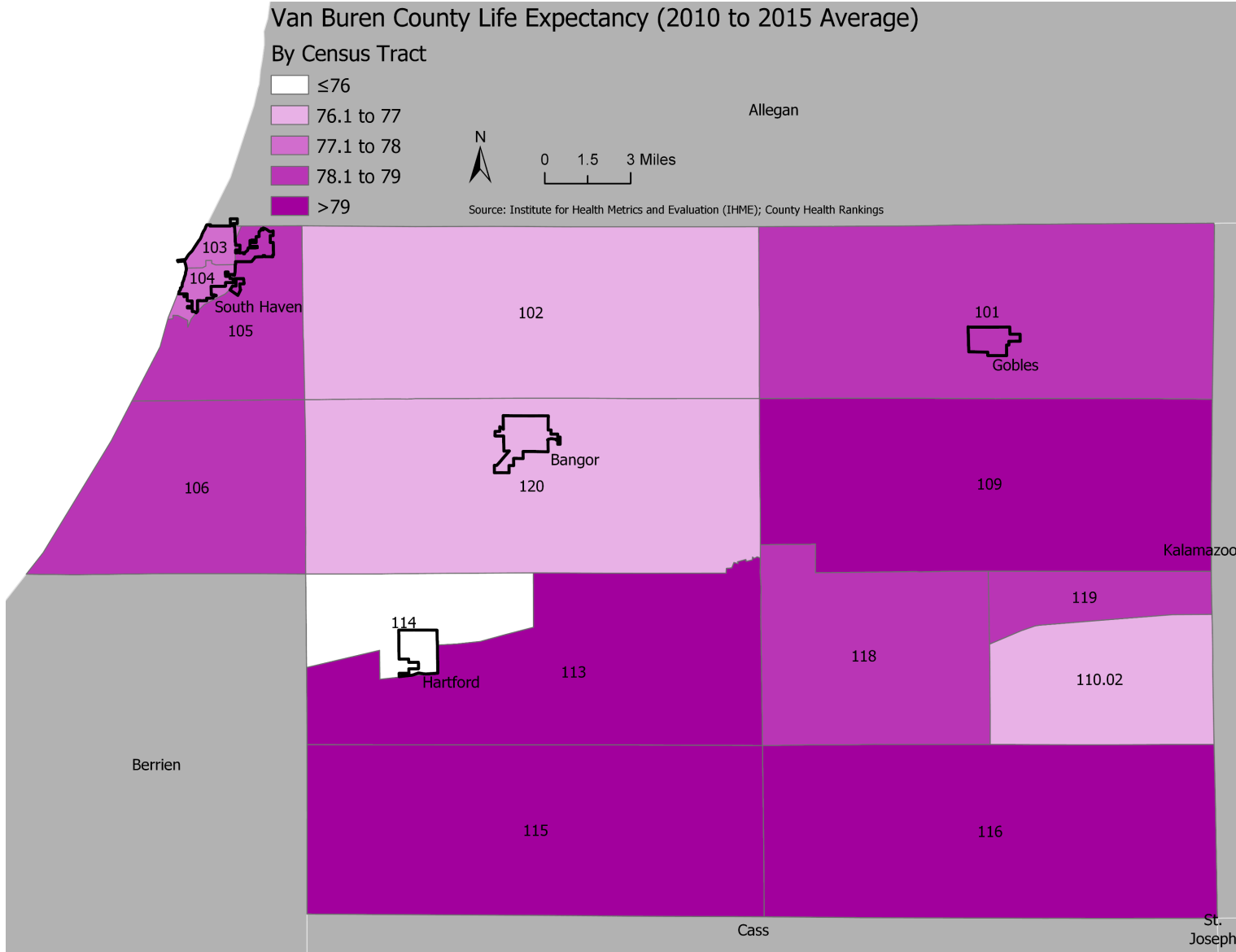
By Census Tract

- ≤76
- 76.1 to 77
- 77.1 to 78
- 78.1 to 79
- >79



0 1.5 3 Miles

Source: Institute for Health Metrics and Evaluation (IHME); County Health Rankings



Life expectancy in Van Buren County was 77.5 in 2010 and 77.0 in 2017. Four census tracts are at a life expectancy of 77.0 or less (tracts 102, 110.02, 114, and 120).

Tract 109 has the highest life expectancy rate (81.5) in Van Buren County.

The range of values displayed on the map are 75.4 to 81.5.