

SOCIAL DETERMINANTS OF HEALTH

2023





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Overview of Project/Introduction

About NEMCSA

The Northeast Michigan Community Service Agency (NEMCSA) is a Community Action Agency in northeast Michigan. NEMCSA serves the 11-core counties of Alcona, Alpena, Arenac, Cheboygan, Crawford, Iosco, Montmorency, Ogemaw, Oscoda, Otsego, and Presque Isle. The Region 9 Area Agency on Aging is also administered through NEMCSA, which serves the 11-core and Roscommon Counties.

NEMCSA is a non-profit organization that offers programming with services for every stage of life. Programs are in place to address homeless prevention, food insecurities, foreclosure prevention, homebuyer education, weatherization assistance, self-sufficiency, pregnant women and children, school success, senior services, volunteer programs, and poverty education. With a mission of "Enhancing quality of life by empowering individuals and strengthening communities", NEMCSA strives to be a catalyst to provide solutions to improve the lives of those served and to remain focused on NEMCSA's vision of "Every person is empowered to achieve their fullest potential."

Governed by a tripartite board structure consisting of elected officials, private members, and consumer representatives, the many NEMCSA employees serve roughly 194,000 residents within the 11-core counties. Services are delivered adhering to NEMCSA's Values of dignity, excellence, diversity, and accountability.

Introduction:

The following pages contain selected Social Determinants of Health (SDOH) information and indicators for the NEMCSA 11-core counties and Roscommon County, referred to as the NEMCSA Service Area. Information is also provided at an individual county level. Many of the data sets used are from 2021 as this was the most complete data set available.

According to the U.S. Department of Health and Human Services, Social Determinants of Health "are the conditions in the environments where people are born, live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks." Five main domains are contained within the SDOH: 1) Economic Stability, 2) Education Access and Quality, 3) Health Care Access and Quality, 4) Neighborhood and Built Environment, and 5) Social and Community Context. Analyzing the domains, together and separately, creates a picture of the communities in which northeast Michiganders live, work, and play.

Social Determinants of Health



Social Determinants of Health
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Healthy People 2030

A word from the Executive Director/CEO



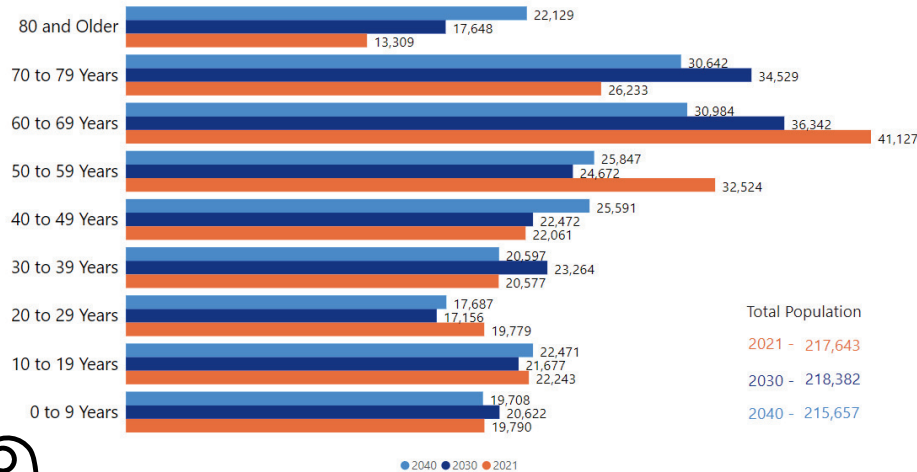
As you explore these pages, we hope you learn something about your community as well as surrounding communities. While some of this information may be known, you may find a few surprises among the pages. Peruse with an open mind and an understanding that some of the data may be uncomfortable, but it is important and necessary to help guide the path forward. It is in the numbers that we begin to paint a picture of our communities, and at NEMCSA, hard work and dedication is where we begin to improve that picture.

Lisa

Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.



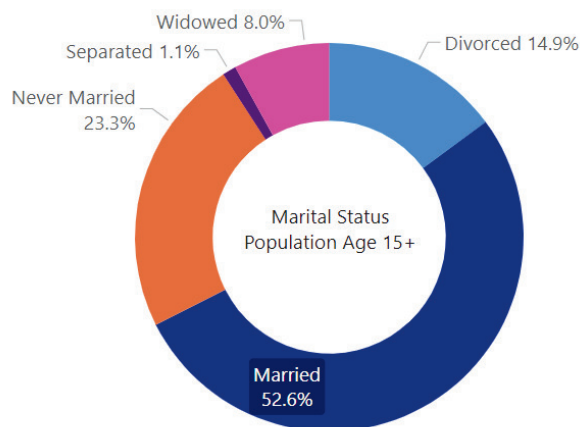
NEMCSA 12-County Population Projections 2021 - 2040



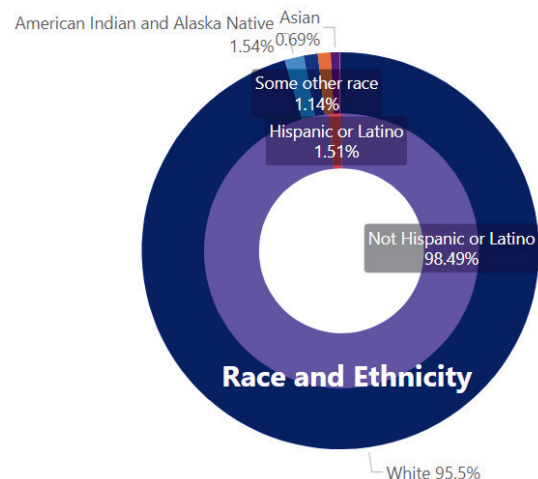
In 2021, the largest age group for the NEMCSA 12-county area is age 60-69. That age group projects to be the largest in 2030 and 2040 as well. The 80 and older age group is projected to have the largest growth by 2040, gaining over 8,800 individuals.



The NEMCSA Service Area covers approximately 6,200 square miles in beautiful Northeast Michigan. The Service Area boasts the Huron National Forest, AuSable River, strong farming communities and 1,850 miles of shoreline. In addition, six counties border Lake Huron, earning the nickname the Sunrise Side.



Within the Service Area, of those age 15+, 52.6% of the population was married while 23.3% have never been married.



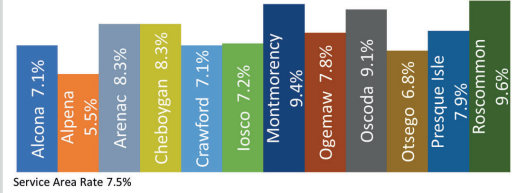
White (94.7%) was the largest race/ethnicity. Black or African American was 1.17% and Native Hawaiian and Other Pacific Islander was .055% of the population.

NEMCSA

Economic Stability

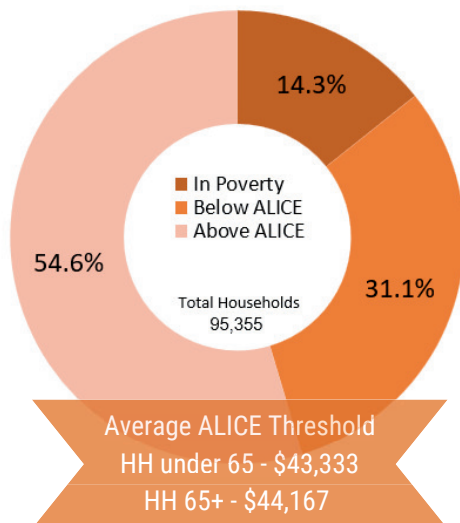
Economic stability can be defined as the ability to access and afford resources that are essential to one's life and well-being. Healthy People 2030 identifies four key issues that make up the underlying factors for Economic Stability. They are employment, food insecurity, housing instability, and poverty. Each of these has their own effect on the community. An increase in unemployment for an area correlates to an increase in premature death and illness. In addition, health problems can be created by not having enough food or access to healthy foods, housing instability, and poverty.

2021 Annual Unemployment Rate by County



For the NEMCSA service area, Roscommon and Montmorency Counties had the highest unemployment rates at 9.6% and 9.4%. Alpena County had the lowest rate at 5.5%. The overall NEMCSA service area rate was 7.5%.

Households by ALICE Designation



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or Below 200% Federal Poverty Level: 37.4%

14.5% of Households Received SNAP Benefits

12.6% MI

2.6% of Households Received Cash Assistance

2.7% MI

7.3% of Households Received SSI Income

5.9% MI

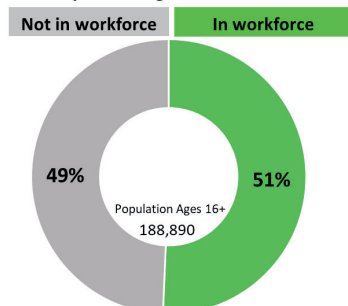
51.2% of Households Had Social Security Income

34.7% MI

59.7% of Households Earned Income

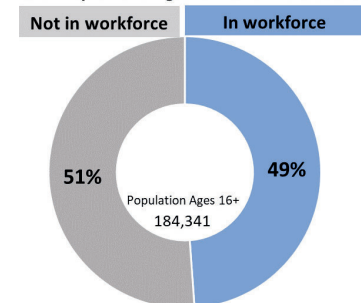
74.5% MI

2011 Population Ages 16+ in the Workforce

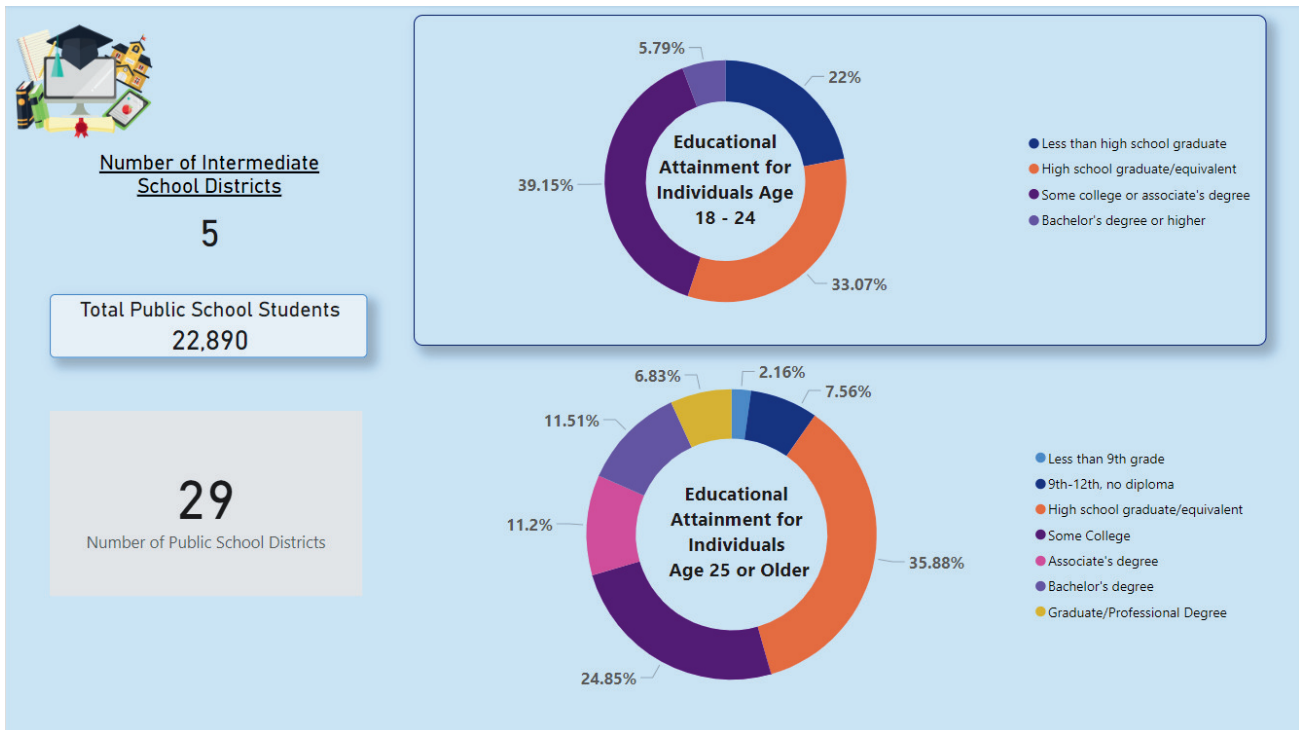


From 2011 to 2021, the percentage of population 16 and over who were in the workforce decreased only slightly from 51% in 2011 to 49% in 2021. For the NEMCSA service area, 2011 percentages range from 42% to 61% and in 2021 percentages range from 41% to 59%.

2021 Population Ages 16+ in the Workforce



As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.



The NEMCSA Service Area had 22,890 public school students that were being served by 29 public school districts and five intermediate school districts. Of those age 25 and older, 35.88% were a high school graduate or equivalent and almost 30% had either an Associate's Degree, Bachelor's Degree, or a Professional/Graduate Degree. In addition, 1,096 young learners received NEMCSA Early Childhood Services.

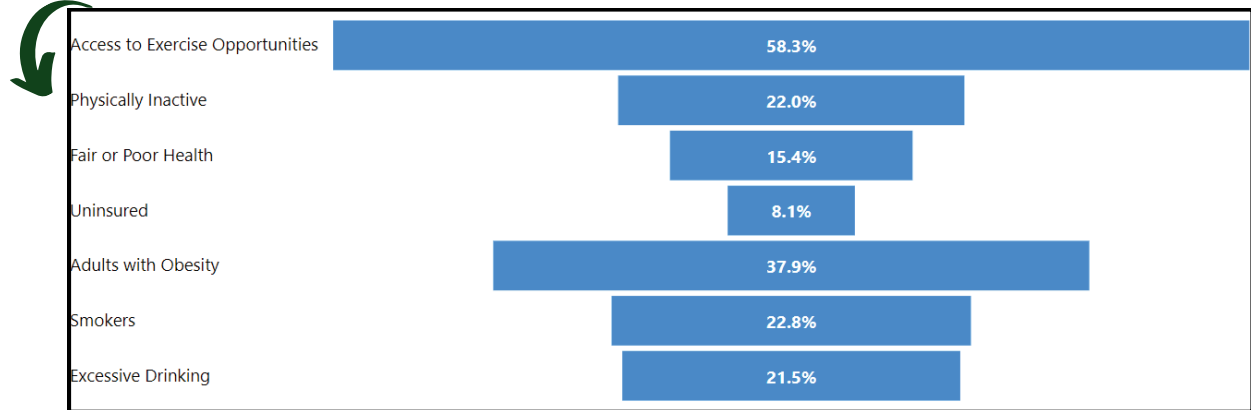


NEMCSA School Success
Locations 2021

With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Information shared on this page comes from the County Health Rankings and Roadmaps published in 2023 as well as data from Michigan Health Statistics.

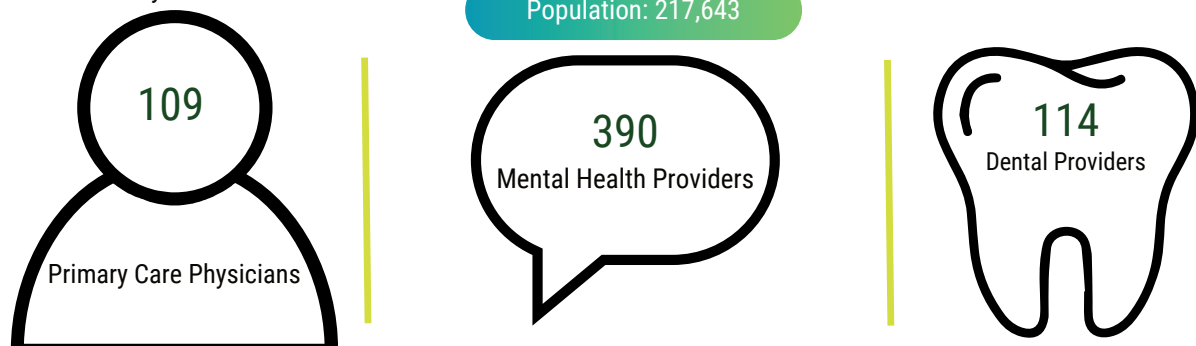


The chart below shows health indicators from the University of Wisconsin, Population Health Institute, County Health Rankings for the NEMCSA Service Area.



Average Teen Birth Rate: 23.75 per 1,000 15 to 19 year old females

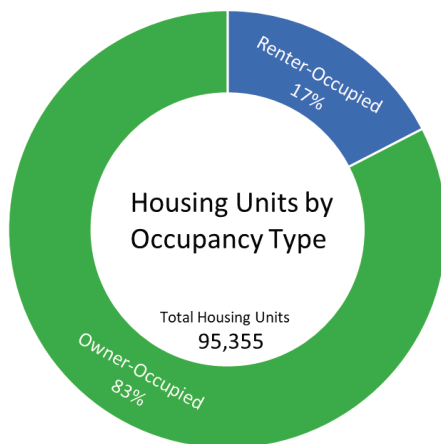
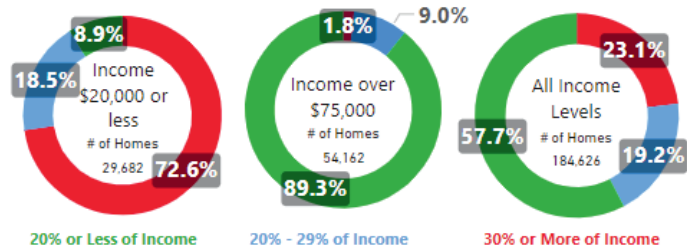
The data below shows the total number of providers within the NEMCSA Service Area. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

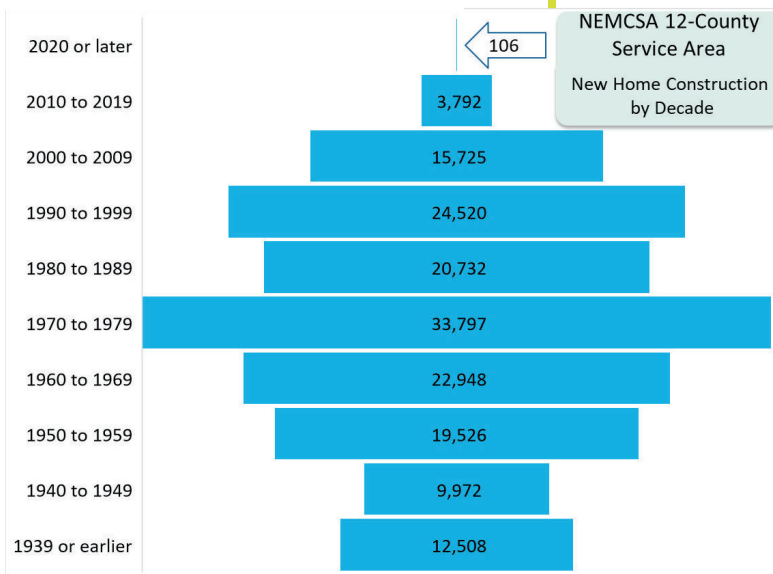
Percentage of Income Spent on Housing Costs by Amount of Income

Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.

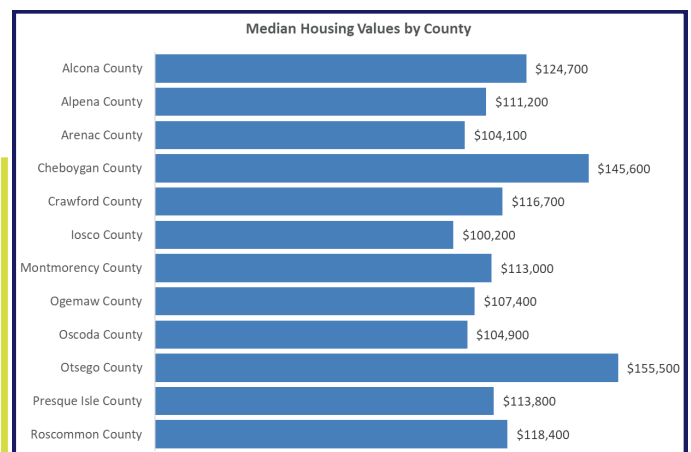


Heating Fuel	# of Homes	% of Homes
Utility gas	51,100	53.59%
Bottled, tank, or LP gas	22,885	24.00%
Wood	11,421	11.98%
Electricity	6,687	7.01%
Other fuel	1,625	1.70%
Fuel oil, kerosene, etc.	1,255	1.32%
No fuel used	329	0.35%
Solar energy	33	0.03%
Coal or coke	20	0.02%
Total	95,355	100.00%

Utility, and Bottled, tank or LP gas are used in almost 78% of homes as the heat fuel source.



The largest decade for home construction was 1970-1979, meaning 60.35% of existing homes will be at least 50 years old by 2030.



Median home values throughout the Service Area ranged from \$100,200 in Iosco County to \$155,500 in Otsego County.

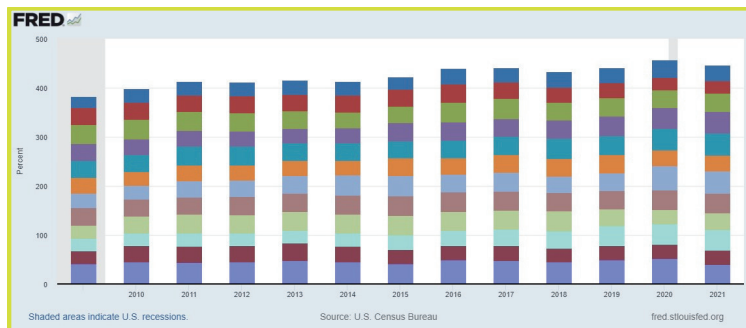
The support systems available within a community help those living in the community reach their fullest potential and receive services. However, it cannot just be community supports; household supports also play a role. According to Health People 2030, interactions and relationships a person has with family members, friends, co-workers, and community members can all play a role in the health of an individual.

90,484 Individuals,
20.8% of the Population,
report a Disability

55 Alcohol - Induced Deaths

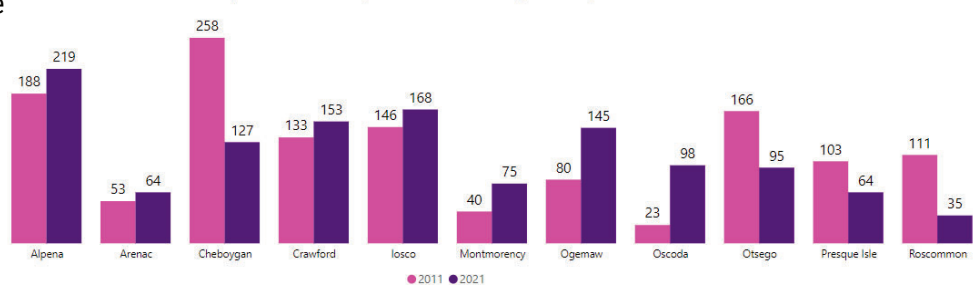
60 Drug - Induced Deaths

39,968
Civilian Veterans in the
NEMCSA Service Area

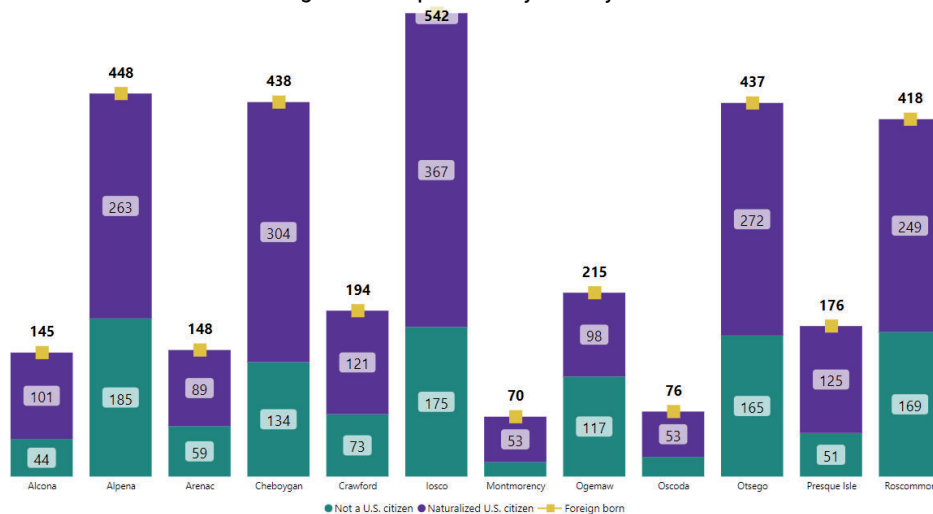


Cheboygan County saw the largest decrease in grandparent households raising grandchildren, dropping by slightly more than half. Oscoda County however, quadrupled from 2011 to 2021.

Grandparents Raising Grandchildren by County 2011 to 2021



Foreign Born Population by County



Overall, counties within the NEMCSA Service Area have a small population of foreign born citizens.

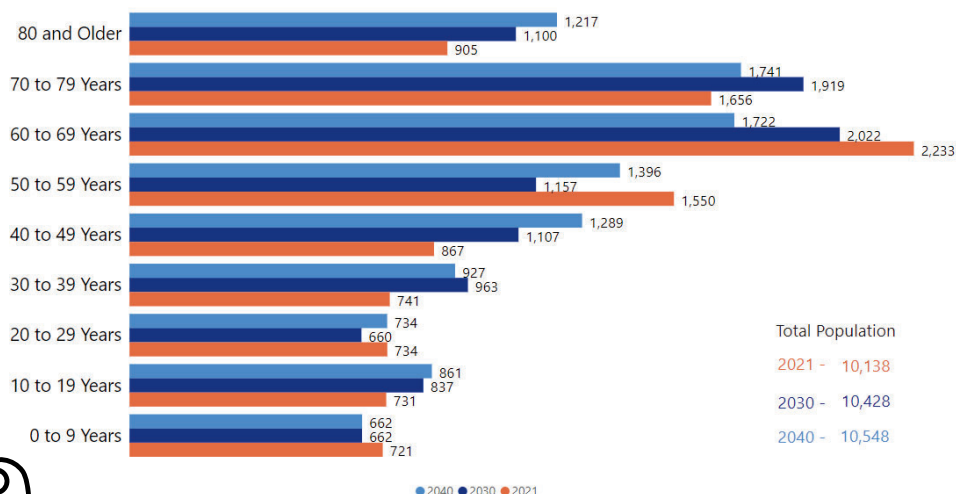
Alcona

Demographic Information

Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.



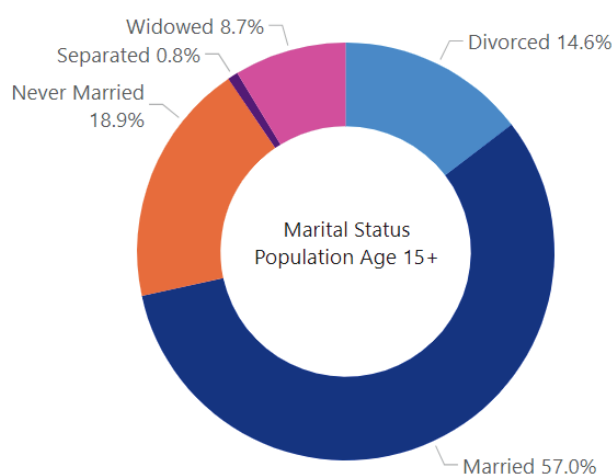
Alcona County Population Projections 2021 - 2040



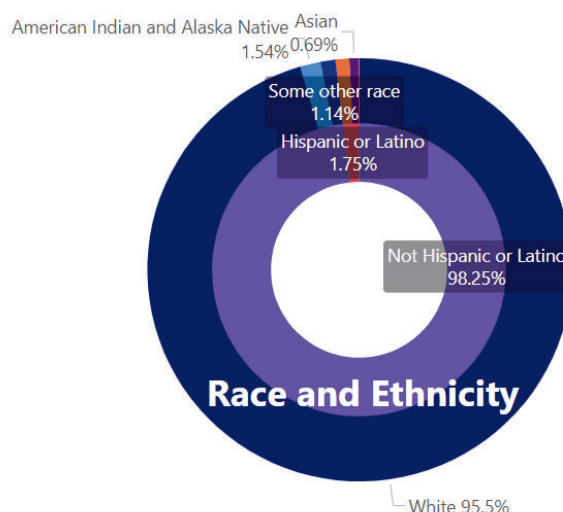
Alcona County's population is trending towards the older age groups over time. This can lead to lower numbers of individuals in the workforce as well as cause strains on systems and healthcare.



Alcona County borders Lake Huron and the City of Harrisville serves at the county seat. Described as the "1st of 83" for it being the first county alphabetically in Michigan, the county contains parts of the Huron-Manistee National Forest, three major rivers as well as Hubbard Lake, one of Michigan's top ten largest inland lakes.



Of those age 15+ in Alcona County, 57.0% are currently married, followed by never married at 18.9%.



The largest race and ethnicity groups for Alcona County are white, at 95% and Not Hispanic or Latino at 98%. Black or African American was 1.09%.

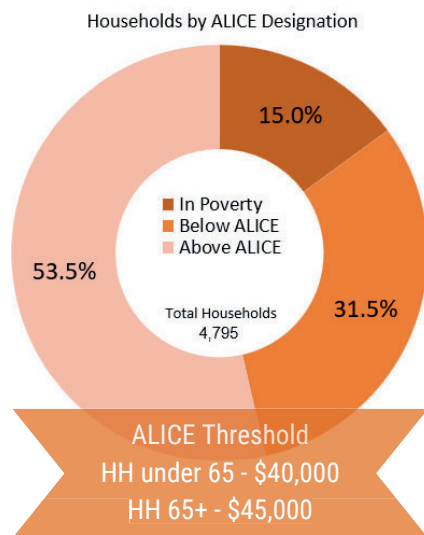
Alcona

Economic Stability

Economic stability can be defined as the ability to access and afford resources that are essential to one's life and well-being. Healthy People 2030 identifies four key issues that make up the underlying factors for Economic Stability. They are employment, food insecurity, housing instability, and poverty. Each of these has their own effect on the community. An increase in unemployment for an area correlates to an increase in premature death and illness. In addition, health problems can be created by not having enough food or access to healthy foods, housing instability, and poverty.

2021 Alcona County
Unemployment Rate:
7.1%

2021 NEMCSA Counties
Unemployment Rate:
7.5%



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
35.9%

12.2% of
Households
Received SNAP
Benefits

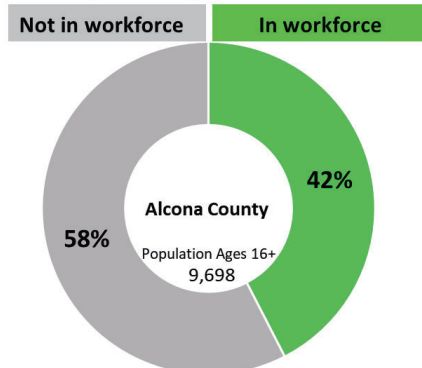
3.0% of
Households
Received Cash
Assistance

7.9% of
Households
Received SSI
Income

58.4% of
Households Had
Social Security
Income

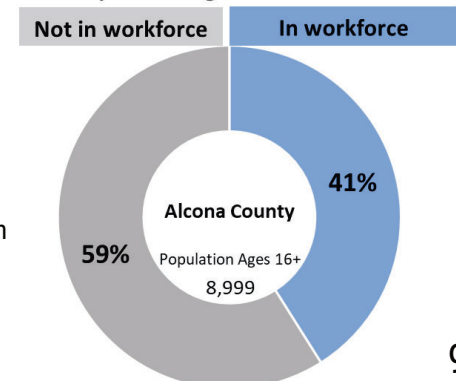
52.2% of
Households
Had Earned
Income

2011 Population Ages 16+ in the Workforce



Of counties within the NEMCSA Service Area, Alcona County had one of the smallest percentages of those 16+ in the workforce at 42% in 2011 and 41% in 2021.

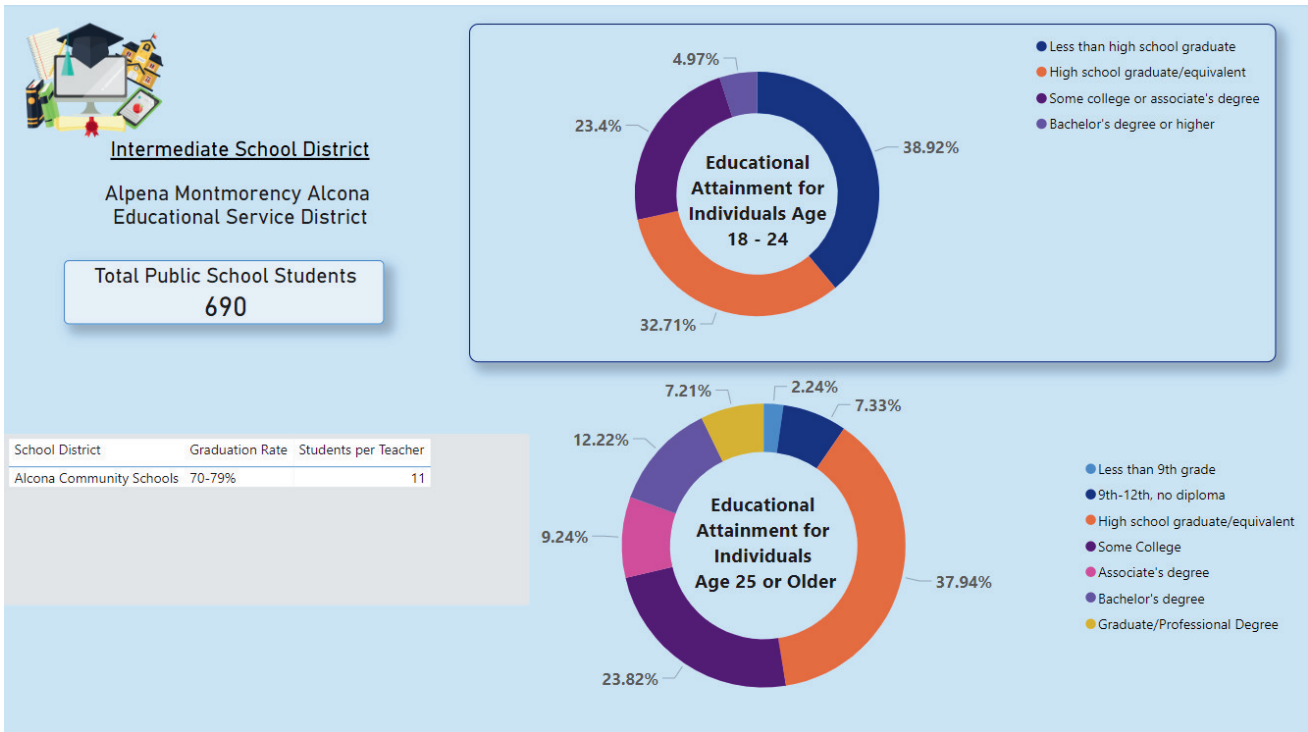
2021 Population Ages 16+ in the Workforce



Alcona

Education Access and Quality

As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability, are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.



NEMCSA Preschool/EHS Students:

49

School Success Students:

96

High School Mascot:

Alcona Tigers

Number of School Success Liaisons Supporting Students:

2

Alcona County is served by one school district, the Alcona Community Schools. Of county residents over the age of 25, the largest degree attainment is high school graduate or equivalent at 37.94%. A total of 28.67% of residents have either an Associate Degree, Bachelors Degree or a Graduate/Professional Degree.



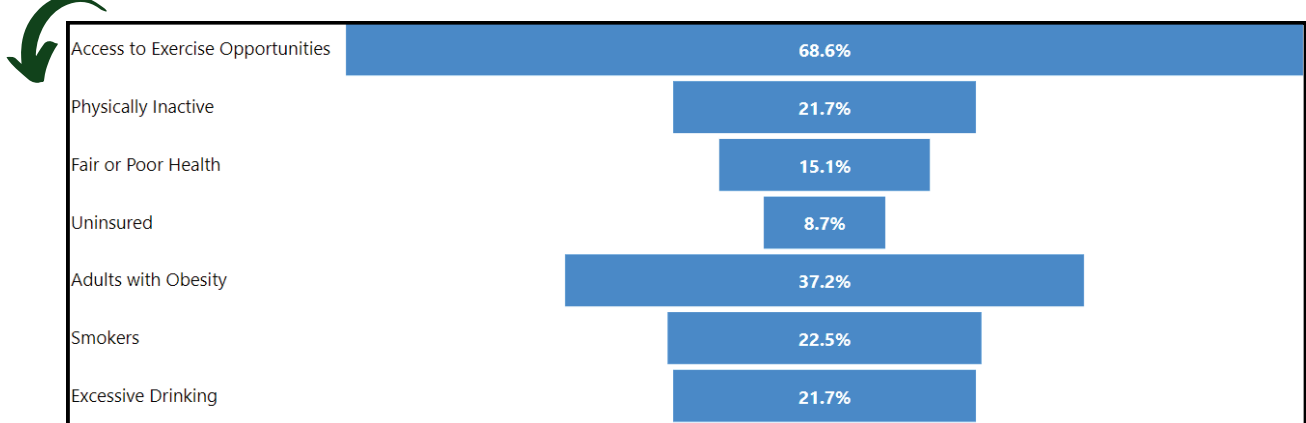
Alcona

Healthcare Access and Quality

With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.

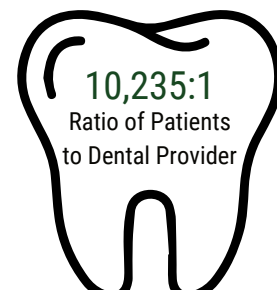
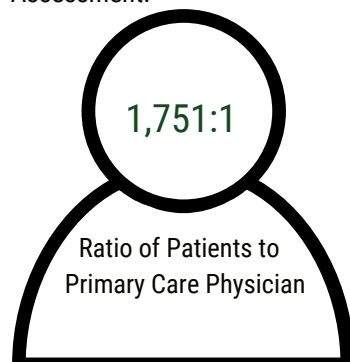


The chart below shows health indicators from the University of Wisconsin, Population Health Institute, County Health Rankings. According to the Rankings, Alcona County ranked 66th out of 83 counties in terms of health indicators.



Average Teen Birth Rate: 19 per 1,000 15 to 19 year old females

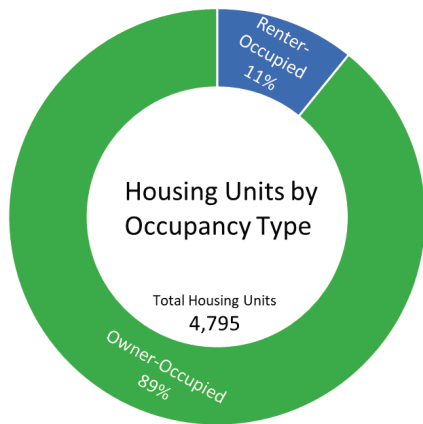
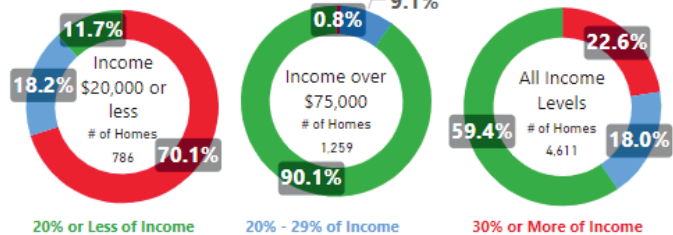
The data below shows the ratios of certain providers to residents of Alcona County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

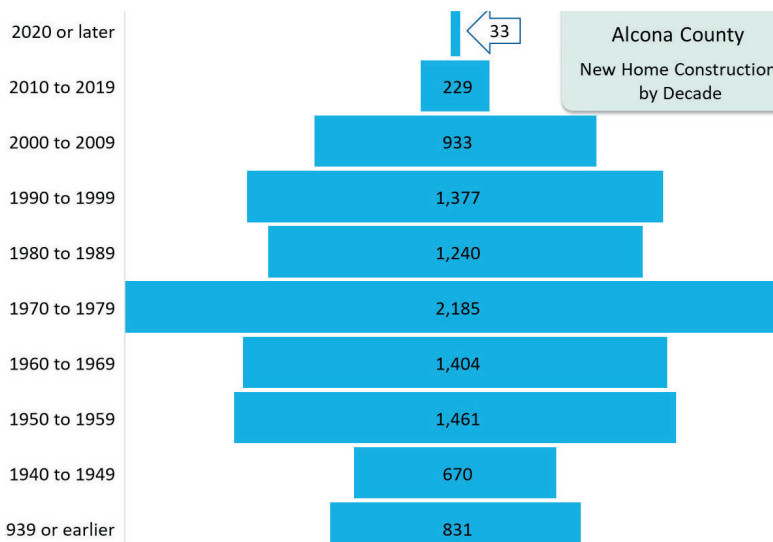
Percentage of Income Spent on Housing Costs by Amount of Income

Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.

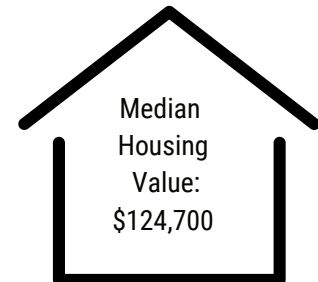


Heating Fuel	# of Homes	% of Homes
Utility gas	1,785	37.23%
Bottled, tank, or LP gas	1,615	33.68%
Wood	904	18.85%
Electricity	263	5.48%
Other fuel	113	2.36%
Fuel oil, kerosene, etc.	109	2.27%
No fuel used	6	0.13%
Coal or coke	0	0.00%
Solar energy	0	0.00%
Total	4,795	100.00%

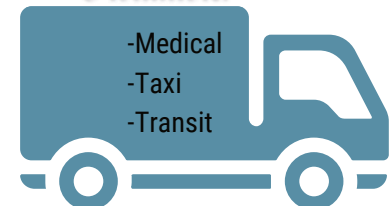
Gas and propane were the two largest home heating sources for Alcona County. Additionally, 6 homes were reported as having no heat fuel source.



The largest number of new homes were constructed between 1970 and 1979 with 2,185 new homes being built within the county. By the year 2030, 63% of the existing homes within the county will be at least 50 years old.



Transportation Types Available:



Alcona

Social and Community Context

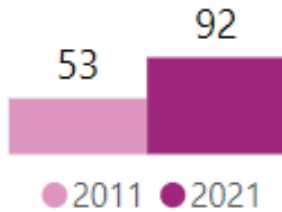
The support systems available within a community help those living in the community reach their fullest potential and receive services. However, it cannot just be community supports; household supports also play a role. According to Health People 2030, interactions and relationships a person has with family members, friends, co-workers, and community members can all play a role in the health of an individual.

1,225
Civilian Veterans in
Alcona County

3 Alcohol - Induced Deaths

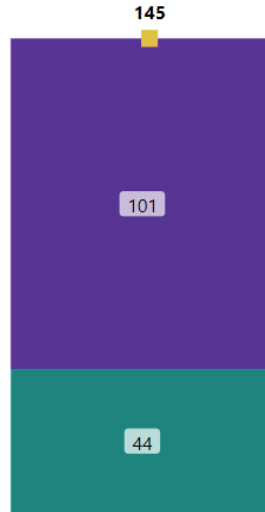
3 Drug - Induced Deaths

Grandparent Households
Raising Grandchildren



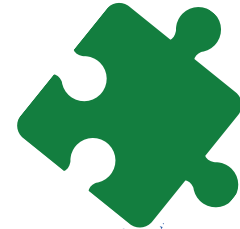
Over a 10-year period the number of households with grandparents raising grandchildren has nearly doubled.

Foreign Born Residents

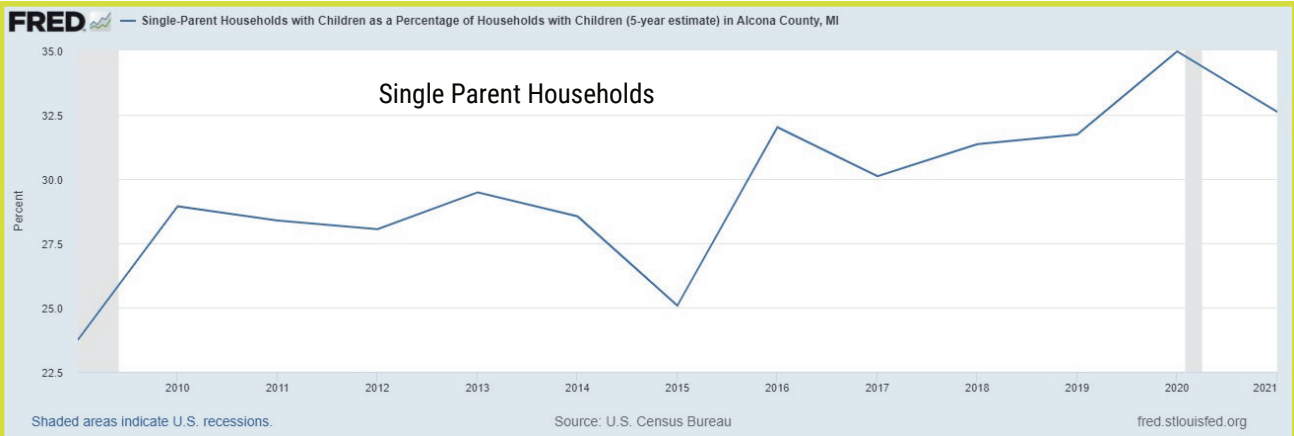


Alcona

● Not a U.S. citizen ● Naturalized U.S. citizen — Foreign born

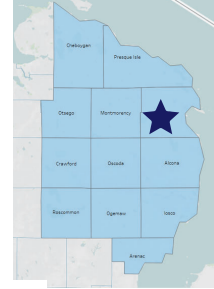


2,384
Alcona County Residents,
23.5% of the Population,
Report a Disability



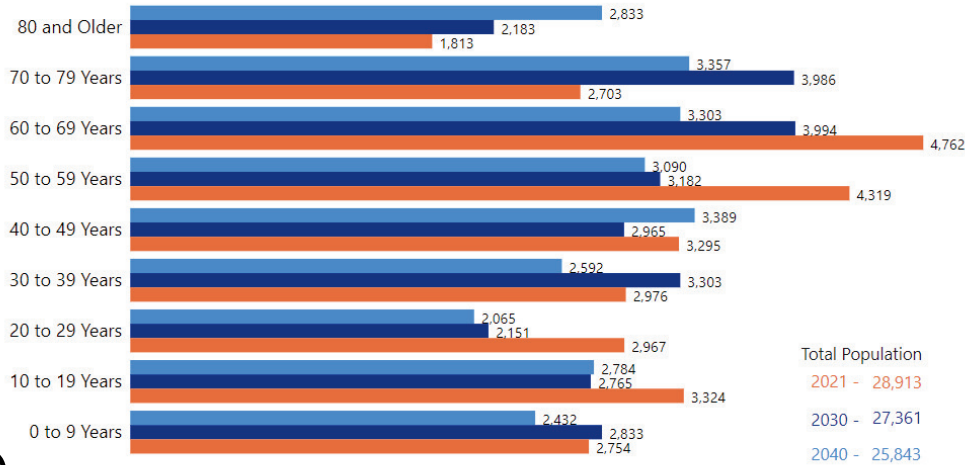
Alpena

Demographic Information



Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.

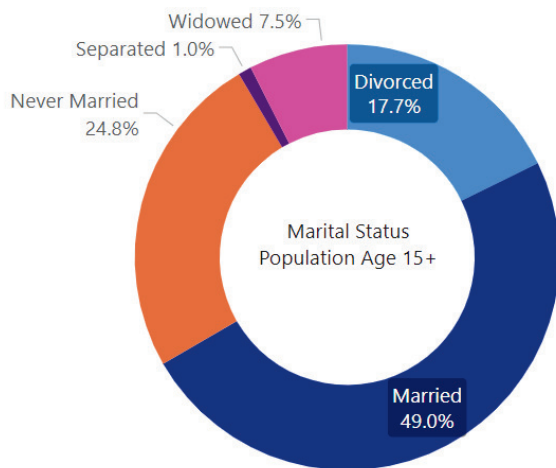
Alpena County Population Projections 2021 - 2040



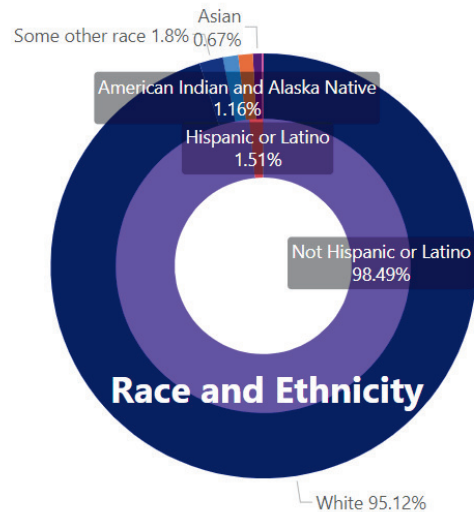
For Alpena County, a continually declining population is projected. A large population decrease can be seen in the 2030 20-29 age group as it is projected to be only 2/3 of what it was in 2021.



Alpena County borders Lake Huron with the City of Alpena as the county seat. Home to the Great Lakes Maritime Heritage Center, visitors can enjoy Glass Bottom Boat Tours of shipwrecks. Extensive opportunities exist for camping, hiking, boating, fishing, and all-around outdoor activities.



Of those age 15+ in Alpena County, 48.9% are currently married, followed by never married at 24.8%.



The largest race and ethnicity groups was white, at 95%. Black or African American was 1.15% and Native Hawaiian and Other Pacific Islander was 0.14% of the population.

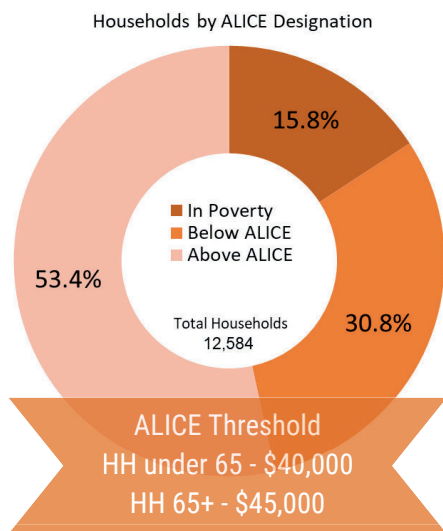
Alpena

Economic Stability

Economic stability can be defined as the ability to access and afford resources that are essential to one's life and well-being. Healthy People 2030 identifies four key issues that make up the underlying factors for Economic Stability. They are employment, food insecurity, housing instability, and poverty. Each of these has their own effect on the community. An increase in unemployment for an area correlates to an increase in premature death and illness. In addition, health problems can be created by not having enough food or access to healthy foods, housing instability, and poverty.

2021 Alpena County
Unemployment Rate:
5.5%

2021 NEMCSA Counties
Unemployment Rate:
7.5%



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
40.8%

16.2% of
Households
Received SNAP
Benefits

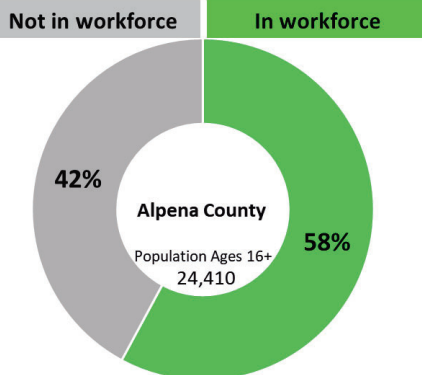
2.2% of
Households
Received Cash
Assistance

7.4% of
Households
Received SSI
Income

46.0% of
Households Had
Social Security
Income

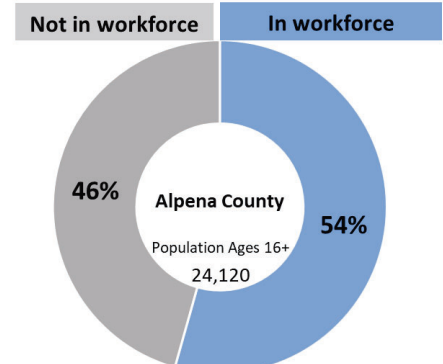
64.8% of
Households
Earned Income

2011 Population Ages 16+ in the Workforce



In Alpena County, the overall population over ages 16+ decreased only slightly in 10 years. However, the percentage in the workforce decreased by 4%.

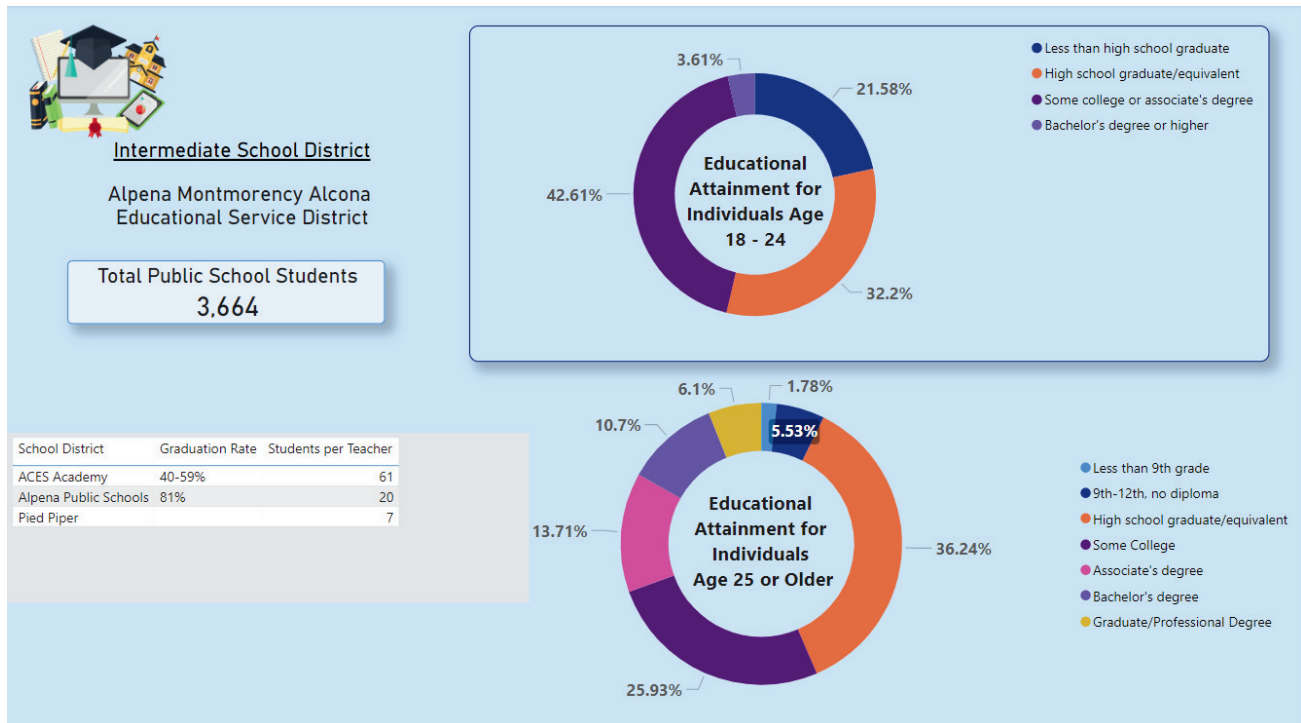
2021 Population Ages 16+ in the Workforce



Alpena

Education Access and Quality

As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.



Alpena County is served by one school district, Alpena Public Schools, and is home to Alpena Community College. Of county residents over the age of 25, the largest degree attainment was high school graduate or equivalent at 36.24%. A total of 30.51% of residents had either an Associate Degree, Bachelors Degree or a Graduate/Professional Degree.

Number of School Success Liaisons Supporting Students:

14



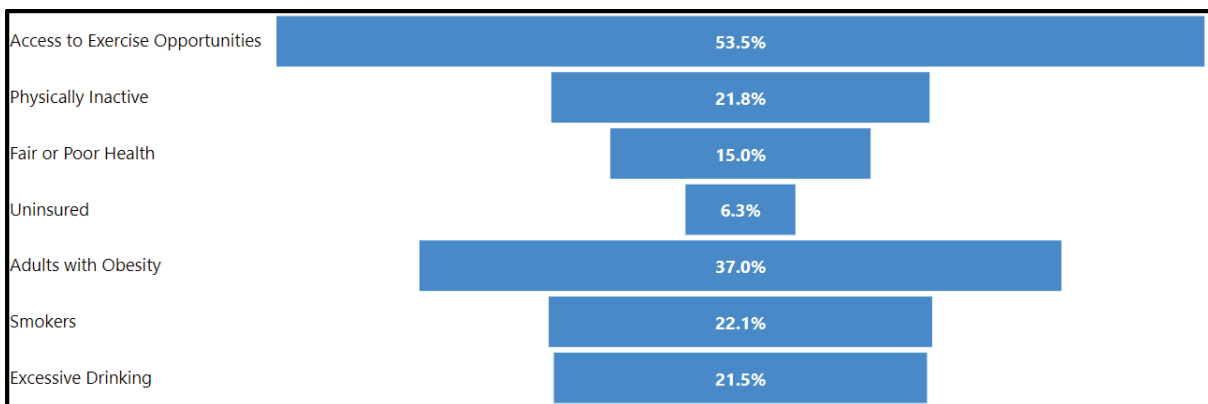
Alpena

Healthcare Access and Quality

With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.

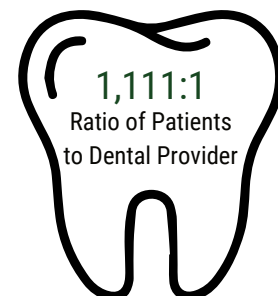
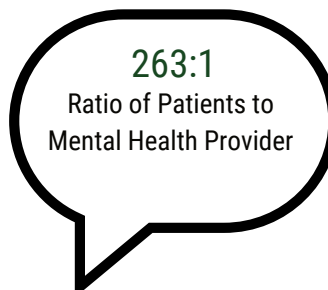
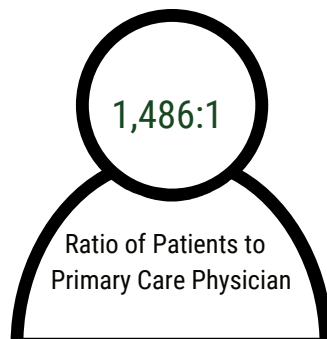


The chart below shows health indicators from the University of Wisconsin, Population Health Institute, County Health Rankings. According to the Rankings, Alpena County ranked 36th out of 83 counties in terms of health indicators.



Average Teen Birth Rate: **23** per 1,000 15 to 19 year old females

The data below shows the ratios of certain providers to residents of Alpena County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



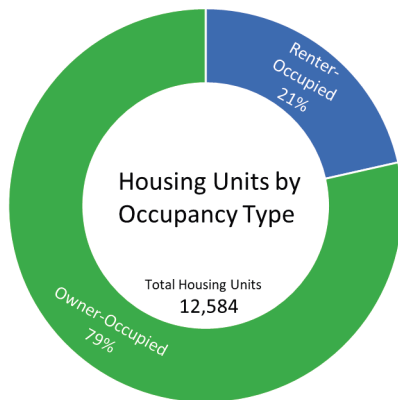
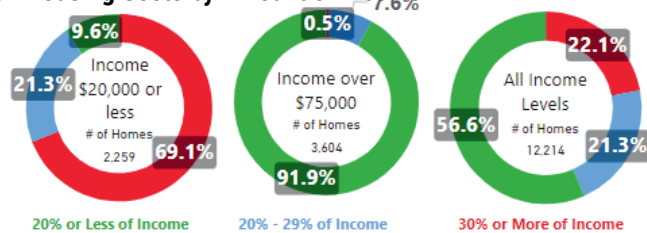
Alpena

Neighborhood and Built Environment

Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

Percentage of Income Spent on Housing Costs by Amount of Income

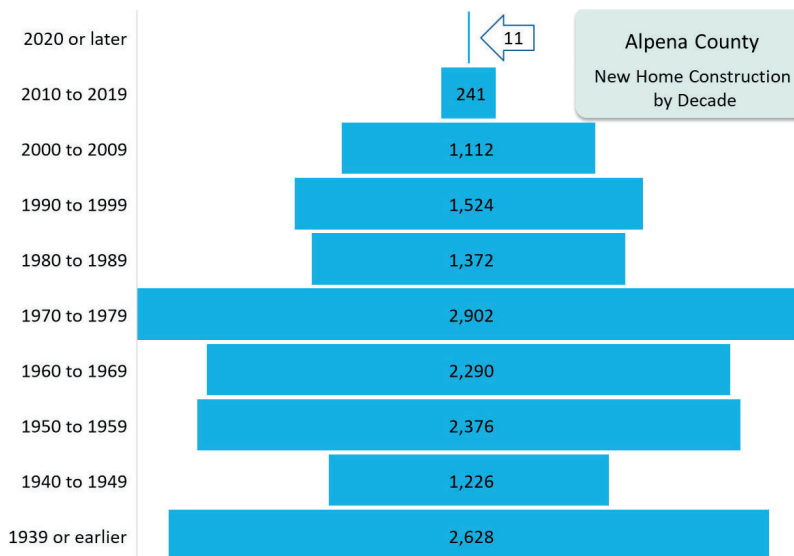
Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.



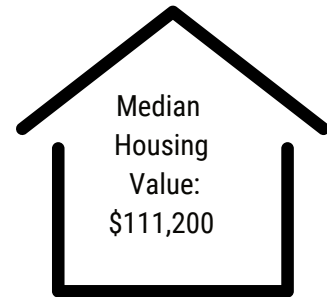
Heating Fuel	# of Homes	% of Homes
Utility gas	7,785	61.86%
Bottled, tank, or LP gas	2,067	16.43%
Wood	1,478	11.75%
Electricity	884	7.02%
Fuel oil, kerosene, etc.	280	2.23%
Other fuel	55	0.44%
No fuel used	35	0.28%
Coal or coke	0	0.00%
Solar energy	0	0.00%
Total	12,584	100.00%

Utility-gas was by far the largest heating source for homes within the county.

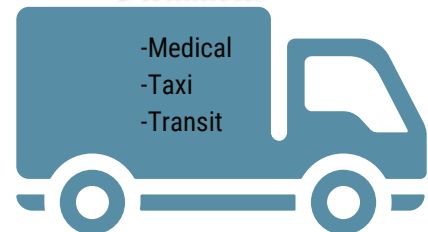
Additionally, 35 homes were reported as having no heat fuel source.



A total of 11,422 homes were built in Alpena County before 1979. Meaning of the total existing homes built, 73% will be at least 50 years old by 2030.



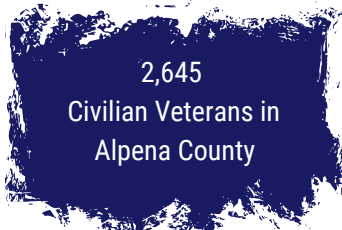
Transportation Types Available:



Alpena

Social and Community Context

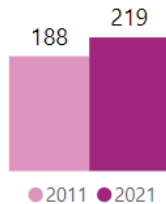
The support systems available within a community help those living in the community reach their fullest potential and receive services. However, it cannot just be community supports; household supports also play a role. According to Health People 2030, interactions and relationships a person has with family members, friends, co-workers, and community members can all play a role in the health of an individual.



5 Alcohol - Induced Deaths

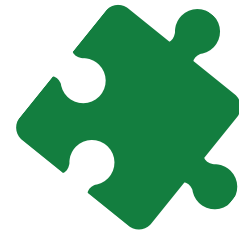
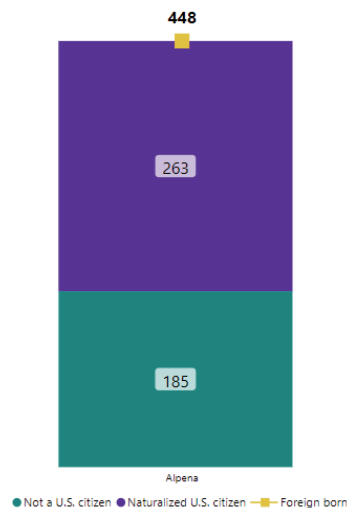
3 Drug - Induced Deaths

Grandparent Households
Raising Grandchildren

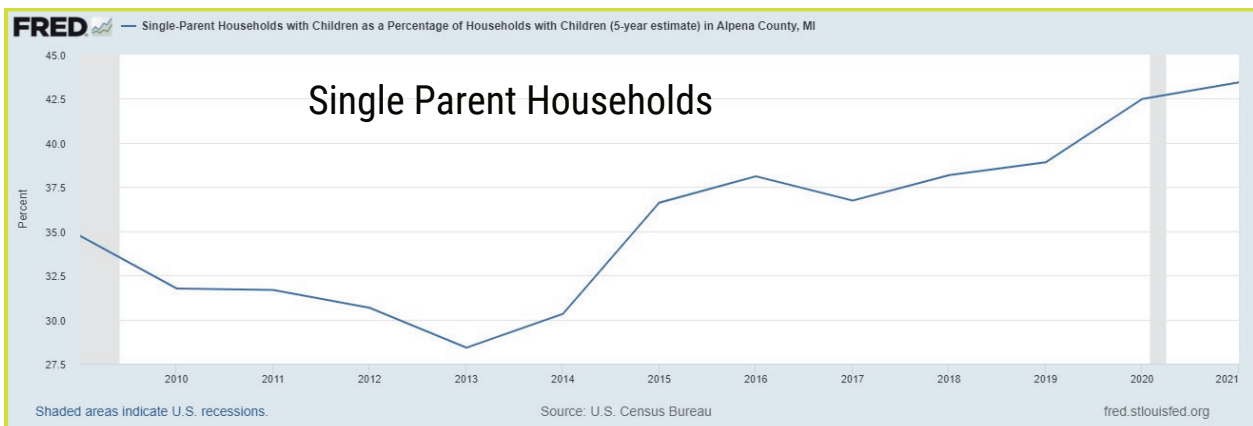


Over a 10-year period the number of households with grandparents raising grandchildren rose slightly from 188 to 219 households.

Foreign Born Residents



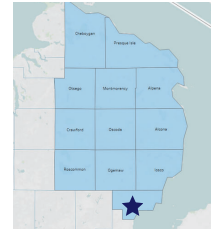
5,754
Alpena County Residents,
19.9% of the Population,
Report a Disability



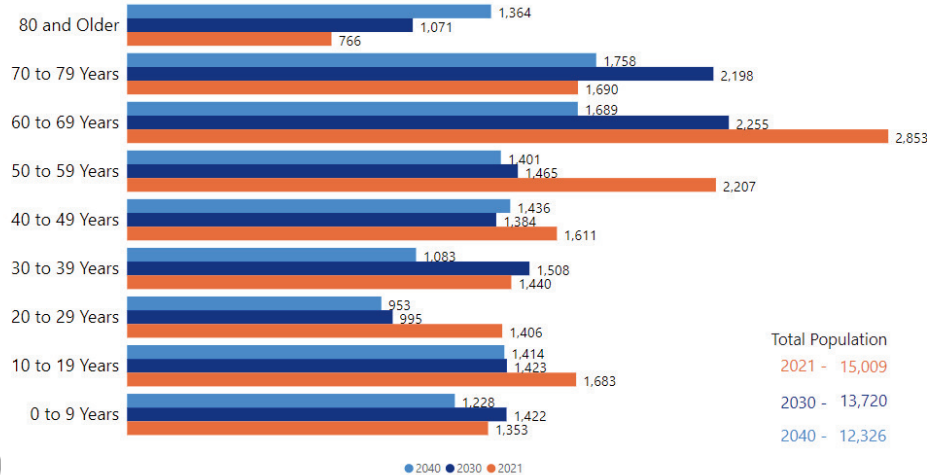
Arenac

Demographic Information

Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.

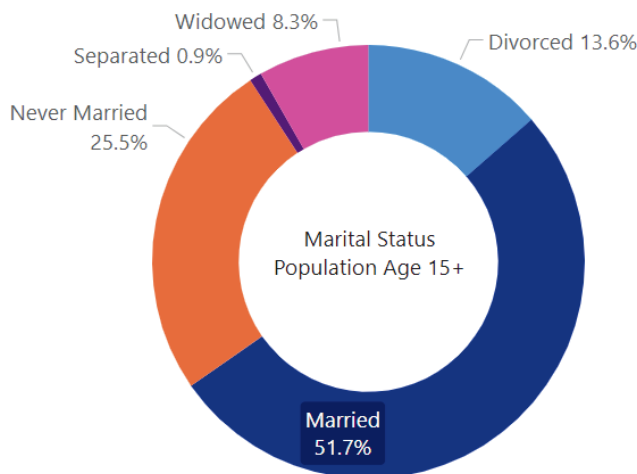


Arenac County Population Projections 2021 - 2040

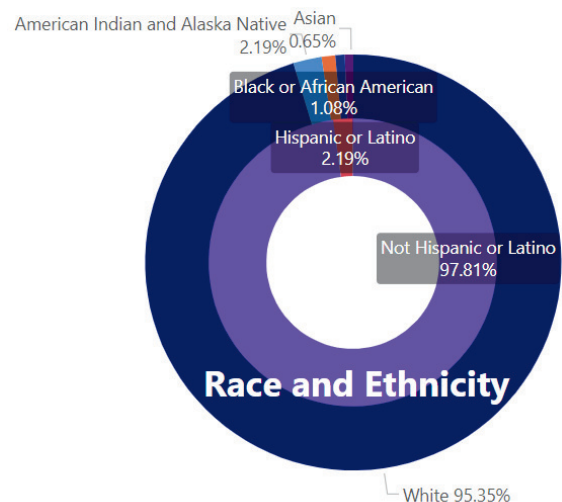


Arenac County is projected to have a population decline of nearly 20% over the next two decades. In looking at the number of 10-19 year-olds in 2021, it would be anticipated that the number of 2030 20-29 year-olds would be similar, taking into account aging. However, in 2030, it is projected to decrease by almost half.

Described by Henry Rowe Schoolcraft as "A sandy place for good footing" Arenac County sits along the north shore of the Saginaw Bay. With almost 50 miles of Lake Huron shoreline, opportunities are endless for water lovers. For the land lovers, Arenac County boasts 28,000 acres of recreational land.



Of those age 15+ in Arenac County, 51.7% are currently married, followed by never married at 25.5%.



The largest race and ethnicity groups for Arenac County were white, at 95% and Not Hispanic or Latino at 98%. Some other race was reported at 0.74%.

Arenac

Economic Stability

2021 Arenac County
Unemployment Rate:
8.3%

2021 NEMCSA Counties
Unemployment Rate:
7.5%

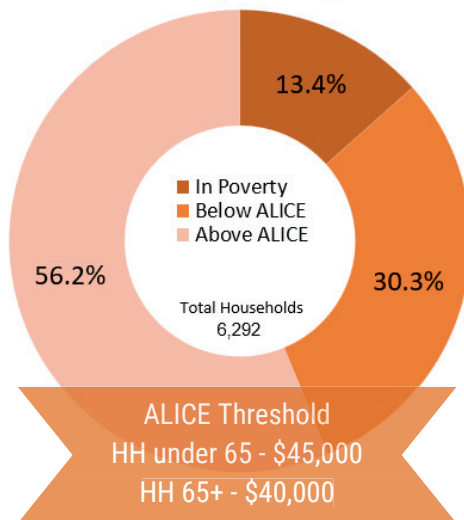
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- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
34.9%

Households by ALICE Designation



15.1% of
Households
Received SNAP
Benefits

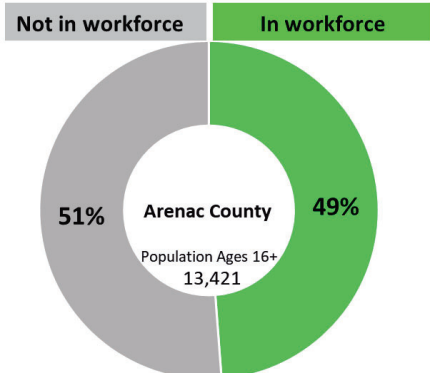
2.9% of
Households
Received Cash
Assistance

7.3% of
Households
Received SSI
Income

50.2% of
Households Had
Social Security
Income

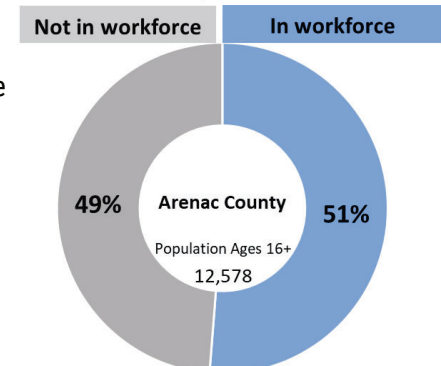
61.6% of
Households
Earned Income

2011 Population Ages 16+ in the Workforce



From 2011 to 2021, the percentage of population 16 and over who were in the workforce changed only slightly, going from 49% to 51%.

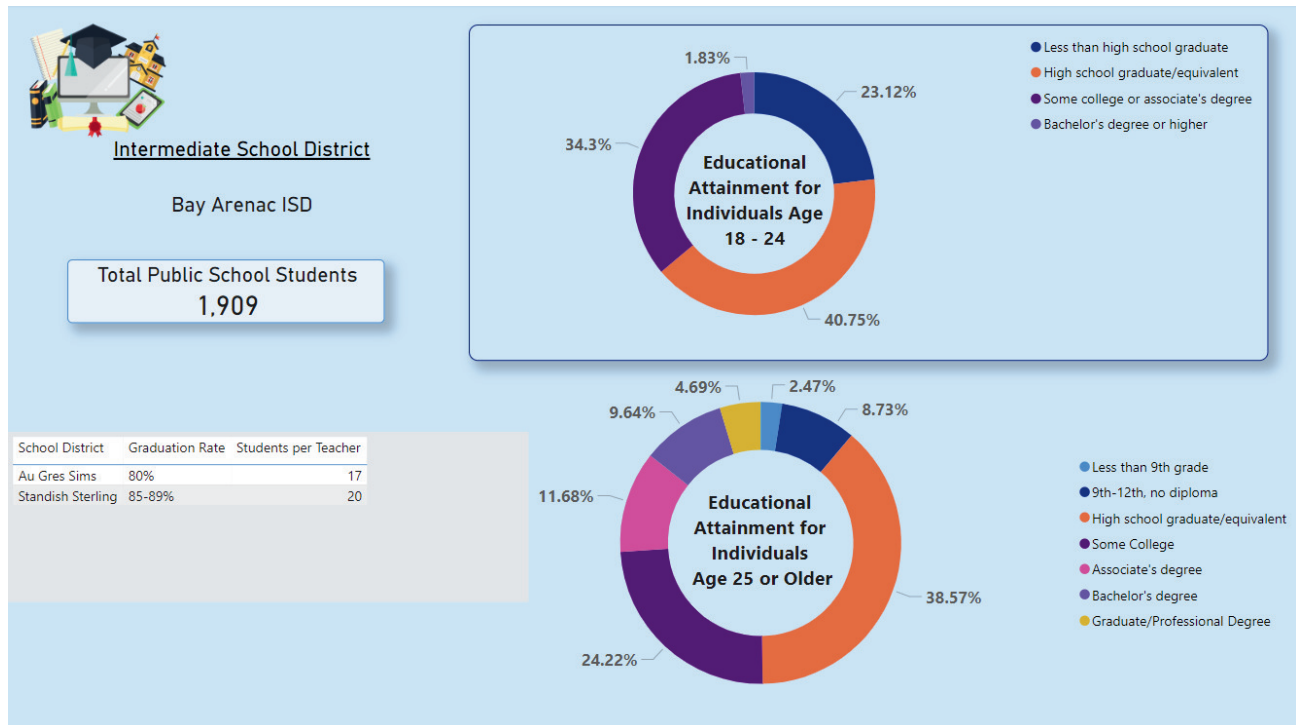
2021 Population Ages 16+ in the Workforce



Arenac

Education Access and Quality

As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.



NEMCSA Preschool/EHS Students:

102

School Success Students:

0

High School Mascots:

Au Gres-Sims Wolverines
Standish-Sterling Panthers

Number of School Success
Liaisons Supporting Students:

0

Arenac County has two public school districts, Au Gres-Sims and Standish-Sterling. The largest degree attainment for those 25 and older was a high school graduate or equivalent. A total of 26.01% ages 25 and older had either an Associate's Degree, Bachelor's Degree, or a Graduate/Professional Degree.



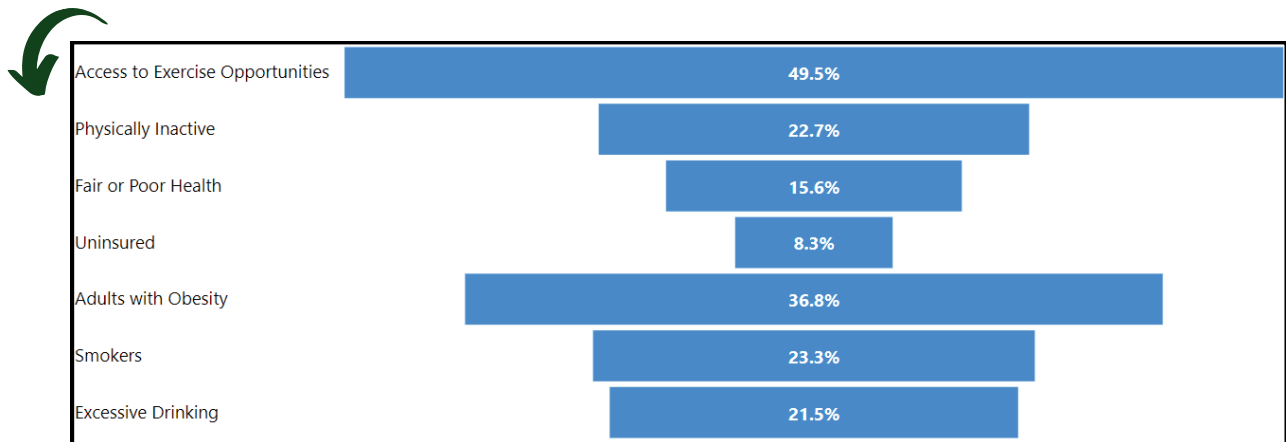
Arenac

Healthcare Access and Quality

With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.

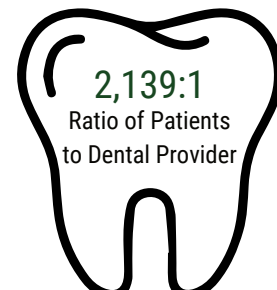
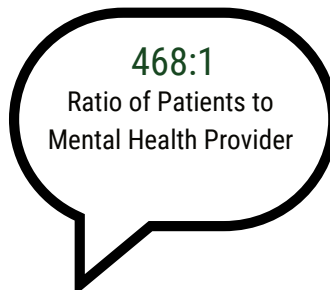
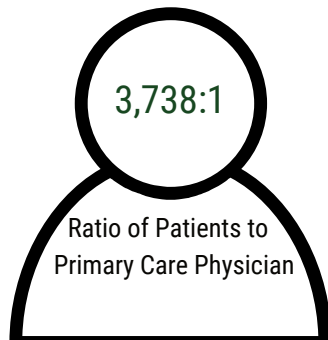


The chart below shows health indicators from the University of Wisconsin, Population Health Institute, County Health Rankings. According to the Rankings, Arenac County ranked 53rd out of 83 counties in terms of health indicators.



Average Teen Birth Rate: **23** per 1,000 15 to 19 year old females

The data below shows the ratios of certain providers to residents of Arenac County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



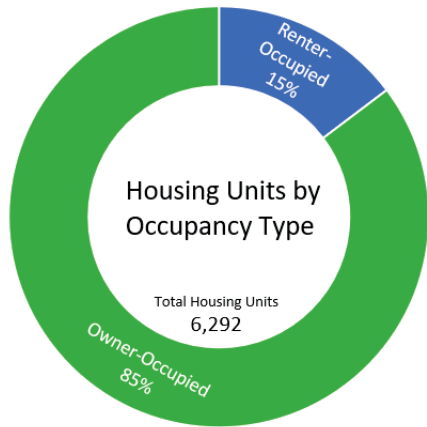
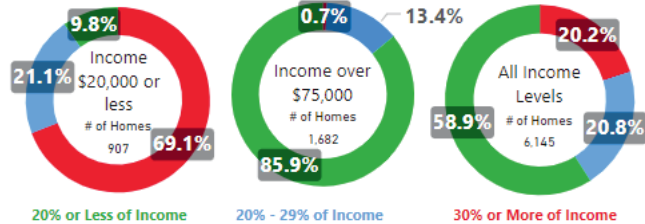
Arenac

Neighborhood and Built Environment

Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

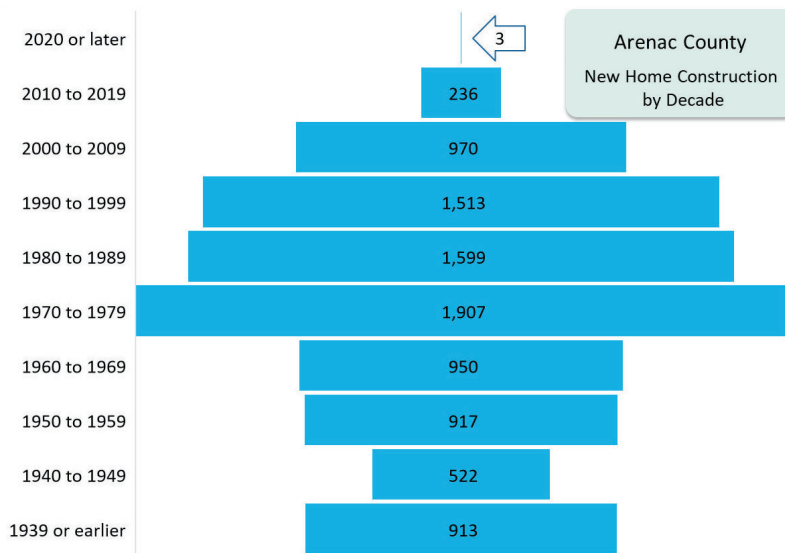
Percentage of Income Spent on Housing Costs by Amount of Income

Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.

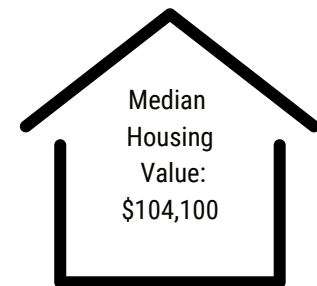


Heating Fuel	# of Homes	% of Homes
Utility gas	2,641	41.97%
Bottled, tank, or LP gas	2,099	33.36%
Wood	868	13.80%
Electricity	337	5.36%
Other fuel	192	3.05%
Fuel oil, kerosene, etc.	122	1.94%
No fuel used	32	0.51%
Solar energy	1	0.02%
Coal or coke	0	0.00%
Total	6,292	100.00%

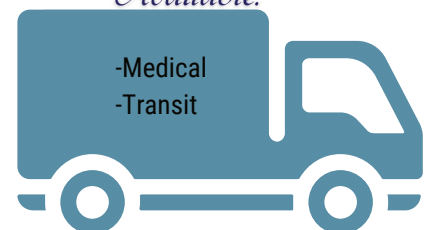
In Arenac County, the largest home heating source was gas at 42% of homes. Additionally, 32 homes were reported as having no heat fuel source.



In Arenac County, 55% of the existing homes were built before 1980, while 45% were built after, leading towards an older home inventory for the County.



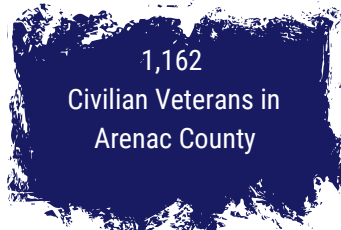
Transportation Types Available:



Arenac

Social and Community Context

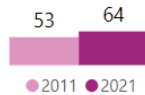
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3 Alcohol - Induced Deaths

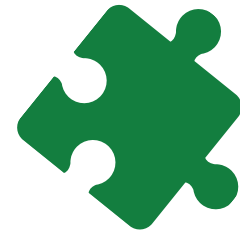
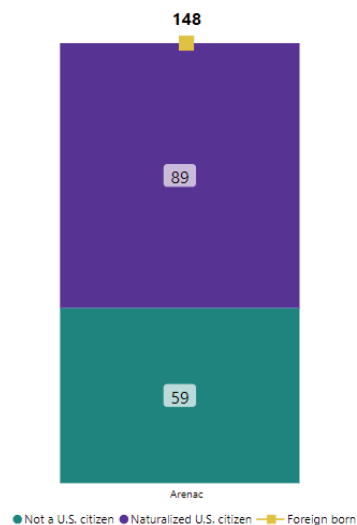
3 Drug - Induced Deaths

Grandparent Households Raising Grandchildren

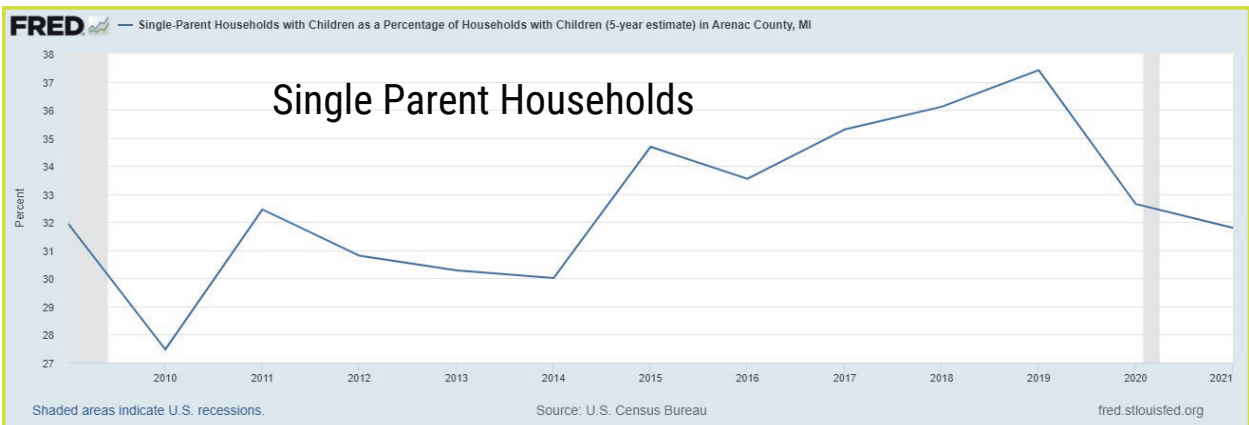


Over a 10-year period the number of households with grandparents raising grandchildren rose from 53 to 64 households.

Foreign Born Residents



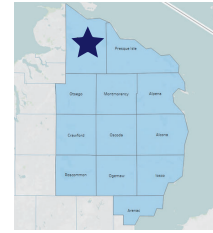
2,916
Arenac County Residents,
19.4% of the Population,
Report a Disability



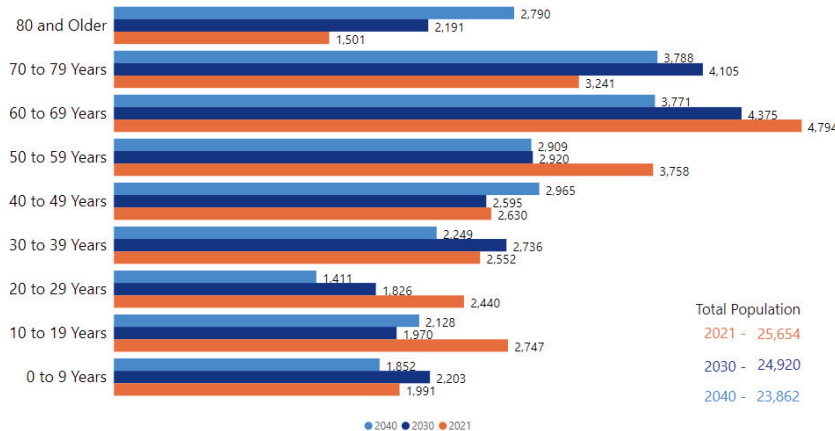
Cheboygan

Demographic Information

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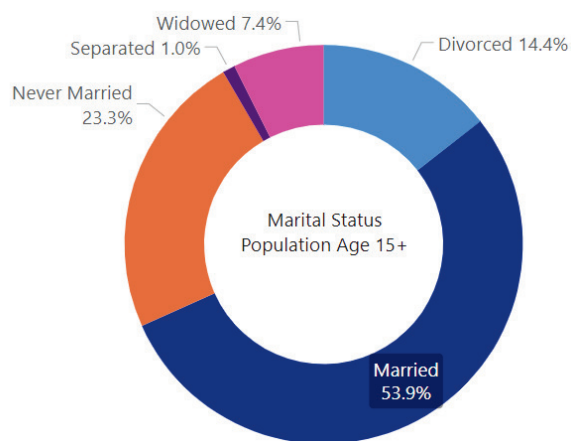
Cheboygan County Population Projections 2021 - 2040



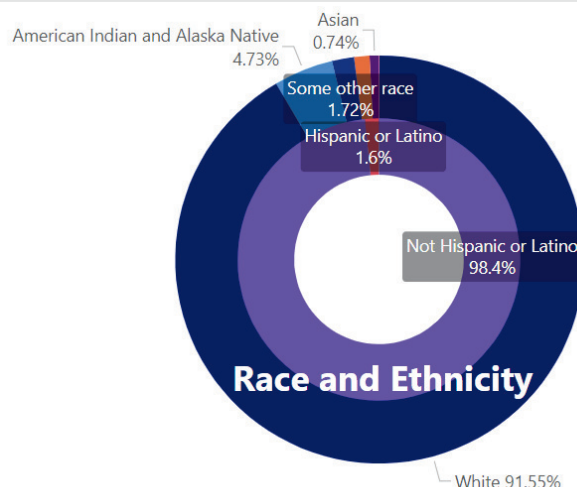
The population of those ages 80 and above is expected to nearly double between 2021-2040. It appears that this area may attract retirees as the increase from 2021 to 2030 in the 60 to 69 age group is greater than the 2021 population of 50 to 59 year-olds.



Sitting at the top of Michigan's Lower Peninsula, Cheboygan County offers the gateway to the Upper Peninsula via the Mackinaw Bridge. The County also offers an entry to the inland water route, which connects 40 miles of inland lakes and rivers; and is home to the 10,000-acre University of Michigan Biological Station, one of 28 biospheres in the United States. Mainland attractions include Icebreaker Mackinaw Maritime Museum and the Cross in the Woods National Shrine.



Of those age 15+ in Cheboygan County, 53.9% are married, followed by never married at 23.3%.



The largest race and ethnicity group was white, at 91%. Almost 5% of the population is American Indian and Alaska Native. Black or African American was reported at 1.3%.

Cheboygan

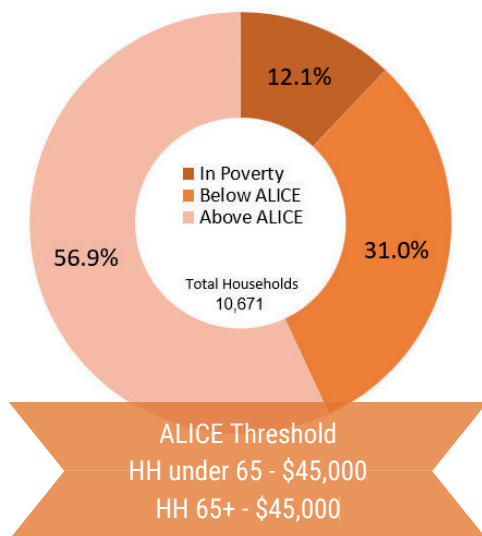
Economic Stability

Economic stability can be defined as the ability to access and afford resources that are essential to one's life and well-being. Healthy People 2030 identifies four key issues that make up the underlying factors for Economic Stability. They are employment, food insecurity, housing instability, and poverty. Each of these has their own effect on the community. An increase in unemployment for an area correlates to an increase in premature death and illness. In addition, health problems can be created by not having enough food or access to healthy foods, housing instability, and poverty.

2021 Cheboygan County
Unemployment Rate:
8.3%

2021 NEMCSA Counties
Unemployment Rate:
7.5%

Households by ALICE Designation



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
36.2%

11.0% of
Households
Received SNAP
Benefits

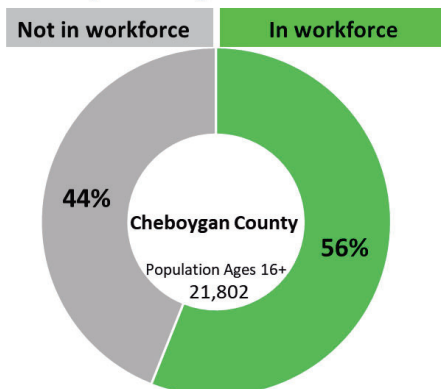
2.4% of
Households
Received Cash
Assistance

5.9% of
Households
Received SSI
Income

49.2% of
Households Had
Social Security
Income

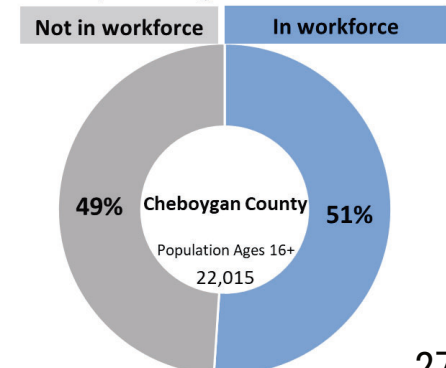
63.1% of
Households
Earned Income

2011 Population Ages 16+ in the Workforce



In Cheboygan County, the 16+ population changed only slightly from 2011 to 2021, however, the county had a 5% reduction of those in the workforce.

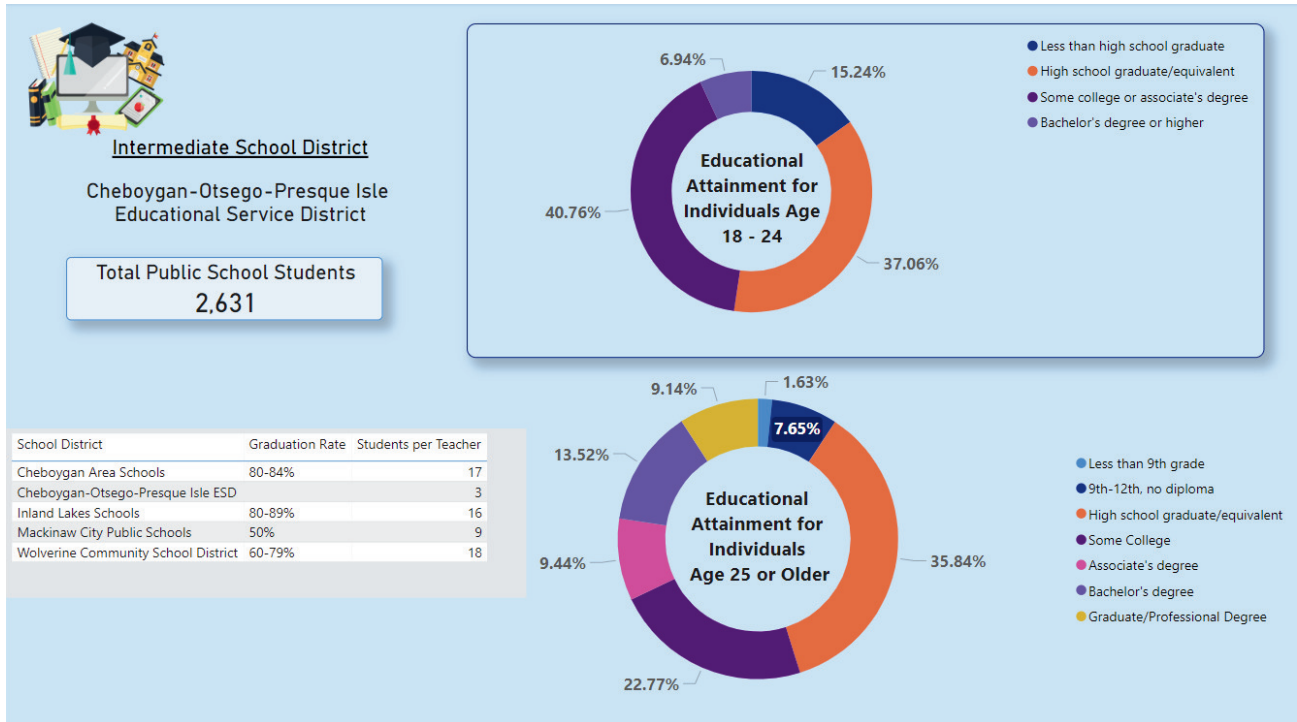
2021 Population Ages 16+ in the Workforce



Cheboygan

Education Access and Quality

As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.



NEMCSA Preschool/EHS Students:
112

School Success Students:
294

High School Mascots:
Cheboygan Chiefs
Inland Lakes Bulldogs
Mackinaw City Comets
Vanderbilt Yellow Jackets
Wolverine Wildcats

Number of School Success Liaisons Supporting Students:
3

Cheboygan County is home to five public school districts to serve its students. Of those age 25 and older, 35.84% were a high school graduate or equivalent and 32.1% had either an Associate's Degree, Bachelor's Degree or a Graduate/Professional Degree.



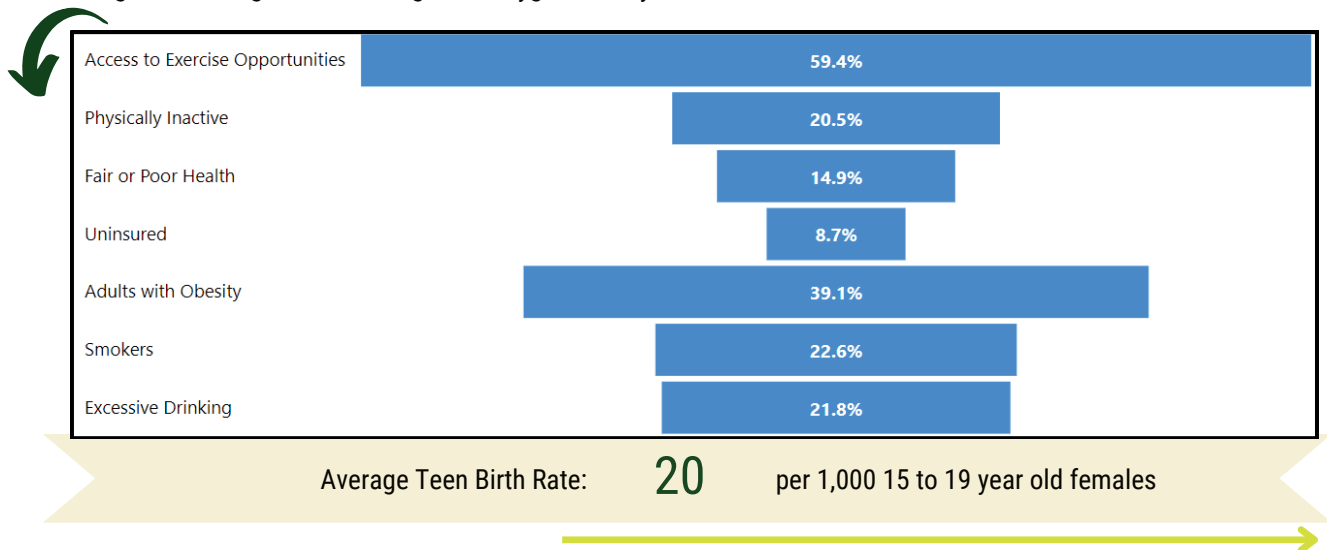
Cheboygan

Healthcare Access and Quality

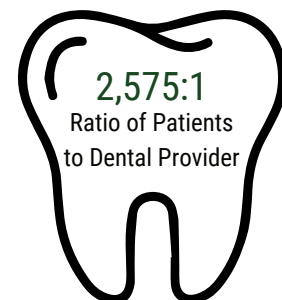
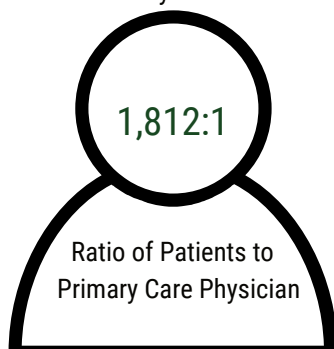
With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.



The chart below shows health indicators from the University of Wisconsin, Population Health Institute, County Health Rankings. According to the Rankings, Cheboygan County ranked 68th out of 83 counties in terms of health indicators.



The data below shows the ratios of certain providers to residents of Cheboygan County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



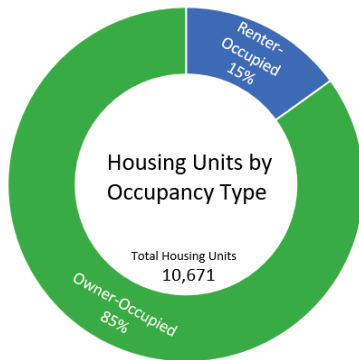
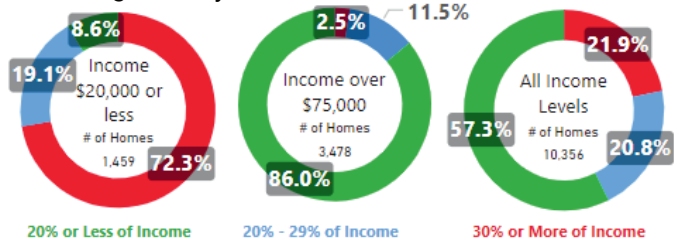
Cheboygan

Neighborhood and Built Environment

Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

Percentage of Income Spent on Housing Costs by Amount of Income

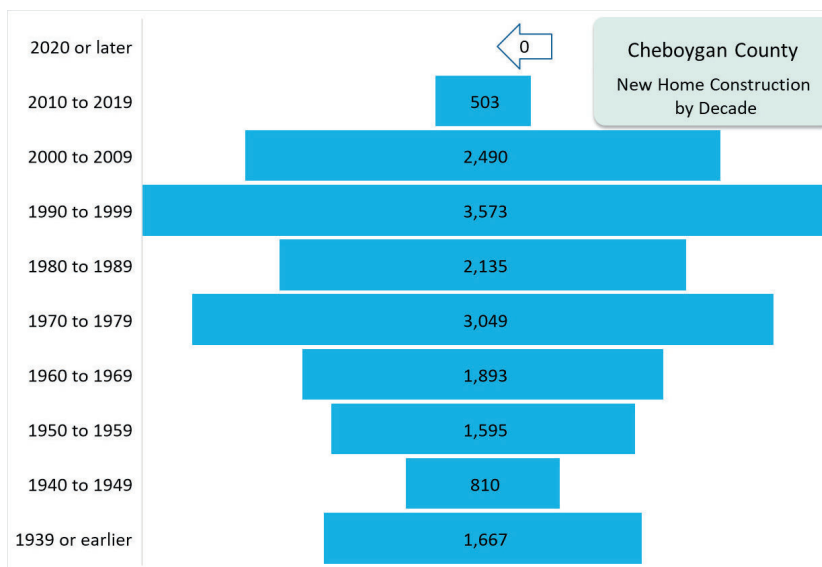
Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.



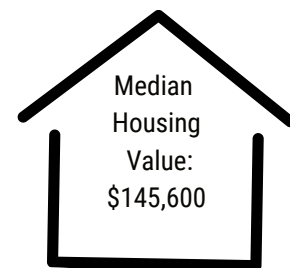
Heating Fuel	# of Homes	% of Homes
Utility gas	6,813	63.85%
Bottled, tank, or LP gas	1,743	16.33%
Wood	1,192	11.17%
Electricity	715	6.70%
Fuel oil, kerosene, etc.	89	0.83%
Other fuel	80	0.75%
No fuel used	30	0.28%
Solar energy	9	0.08%
Coal or coke	0	0.00%
Total	10,671	100.00%

The largest heating source for Cheboygan County was utility-gas at 64%.

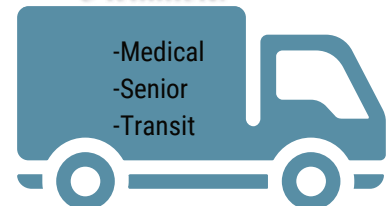
Additionally, 30 homes were reported as having no fuel heating source.



New construction homes in Cheboygan are relatively even for those built before and after 1980. A total of 51% of the homes were built before 1980 while 49% were built after.



Transportation Types Available:



Cheboygan

Social and Community Context

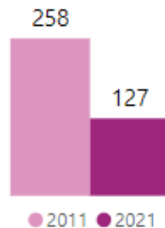
The support systems available within a community help those living in the community reach their fullest potential and receive services. However, it cannot just be community supports; household supports also play a role. According to Health People 2030, interactions and relationships a person has with family members, friends, co-workers, and community members can all play a role in the health of an individual.



5 Alcohol - Induced Deaths

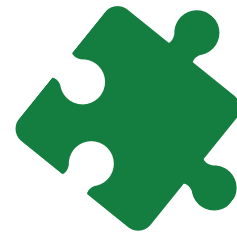
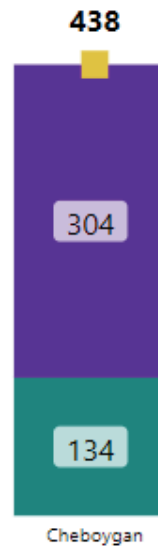
8 Drug - Induced Deaths

Grandparent Households
Raising Grandchildren

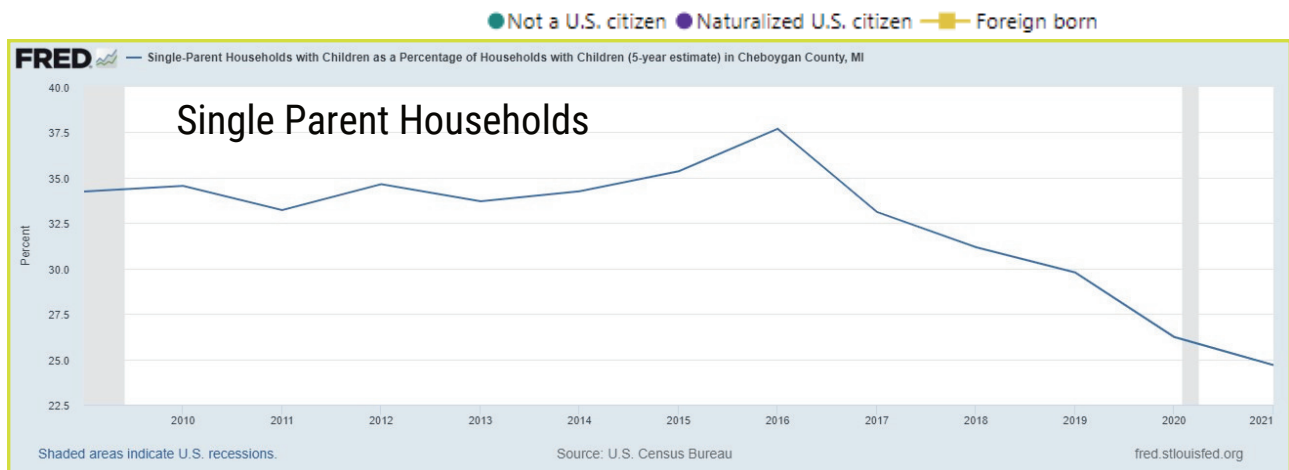


Over a 10-year period the number of households with grandparents raising grandchildren fell by slightly more than half from 258 to 127.

Foreign Born Residents



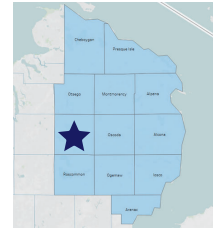
4,761
Cheboygan County Residents,
18.6% of the Population,
Report a Disability



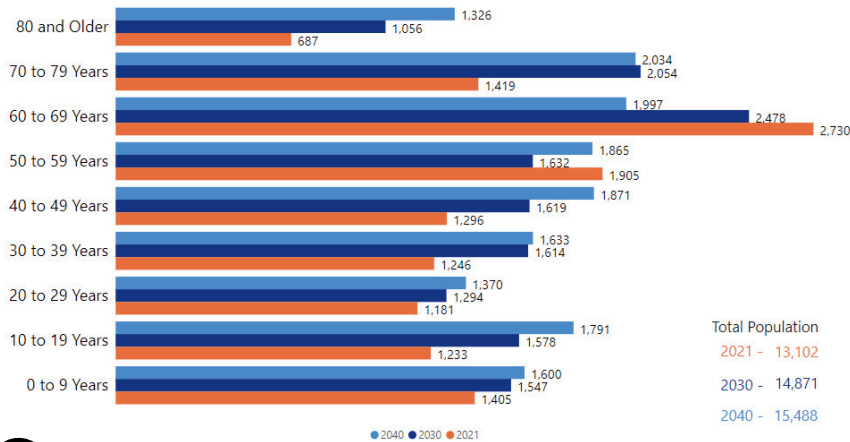
Crawford

Demographic Information

Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.



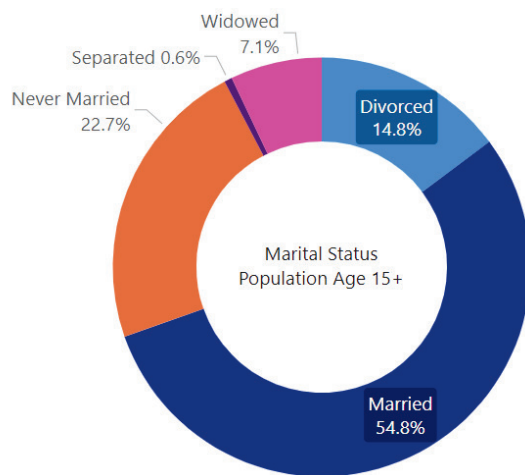
Crawford County Population Projections 2021 - 2040



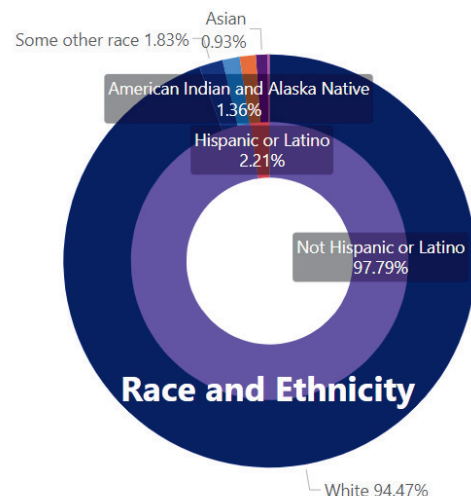
Crawford County is projected to have a growing population under the age of 20. In addition, the 20-40 year-old age groups are also projected to increase, which could lead to an increased burden on childcare and schools as families expand.



As the official starting line for the AuSable River Canoe Marathon, Crawford County has six townships, along with the City of Grayling, the county seat. Home to Hartwick Pines State Park and the Camp Grayling Military Base, over 75% of the County's 360,000 acres are publicly owned by the State of Michigan, United States Forest Service, or the Department of Military Affairs.



Of those age 15+ in Crawford County, 54.8% are currently married, followed by never married at 22.7%.



The largest race and ethnicity groups for Crawford County were white, at 95% and Not Hispanic or Latino at 98%. In addition, Black or African American were reported at 1.30%.

Crawford

Economic Stability

Economic stability can be defined as the ability to access and afford resources that are essential to one's life and well-being. Healthy People 2030 identifies four key issues that make up the underlying factors for Economic Stability. They are employment, food insecurity, housing instability, and poverty. Each of these has their own effect on the community. An increase in unemployment for an area correlates to an increase in premature death and illness. In addition, health problems can be created by not having enough food or access to healthy foods, housing instability, and poverty.

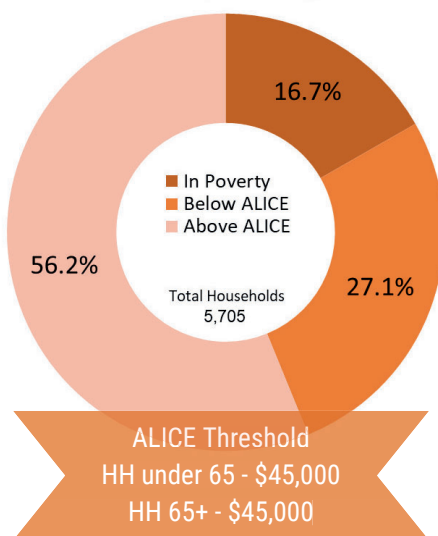
2021 Crawford County
Unemployment Rate:

7.1%

2021 NEMCSA Counties
Unemployment Rate:

7.5%

Households by ALICE Designation



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
34.5%

13.7% of
Households
Received SNAP
Benefits

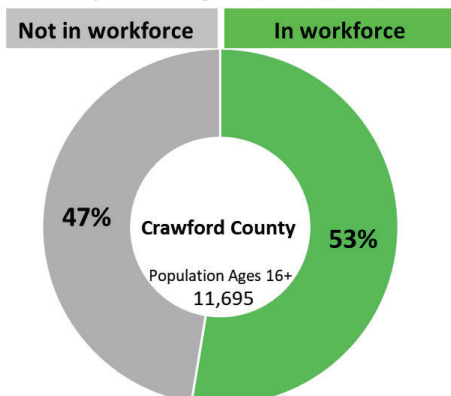
2.3% of
Households
Received Cash
Assistance

6.6% of
Households
Received SSI
Income

50.2% of
Households Had
Social Security
Income

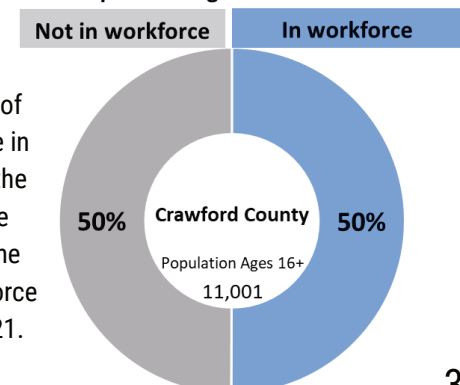
60.6% of
Households
Earned Income

2011 Population Ages 16+ in the Workforce



From 2011 to 2021, the percent of population 16 and over who were in the workforce remained almost the same. For Crawford County, the percentage of population over the age of 16 who were in the workforce was 53% in 2011 and 50% in 2021.

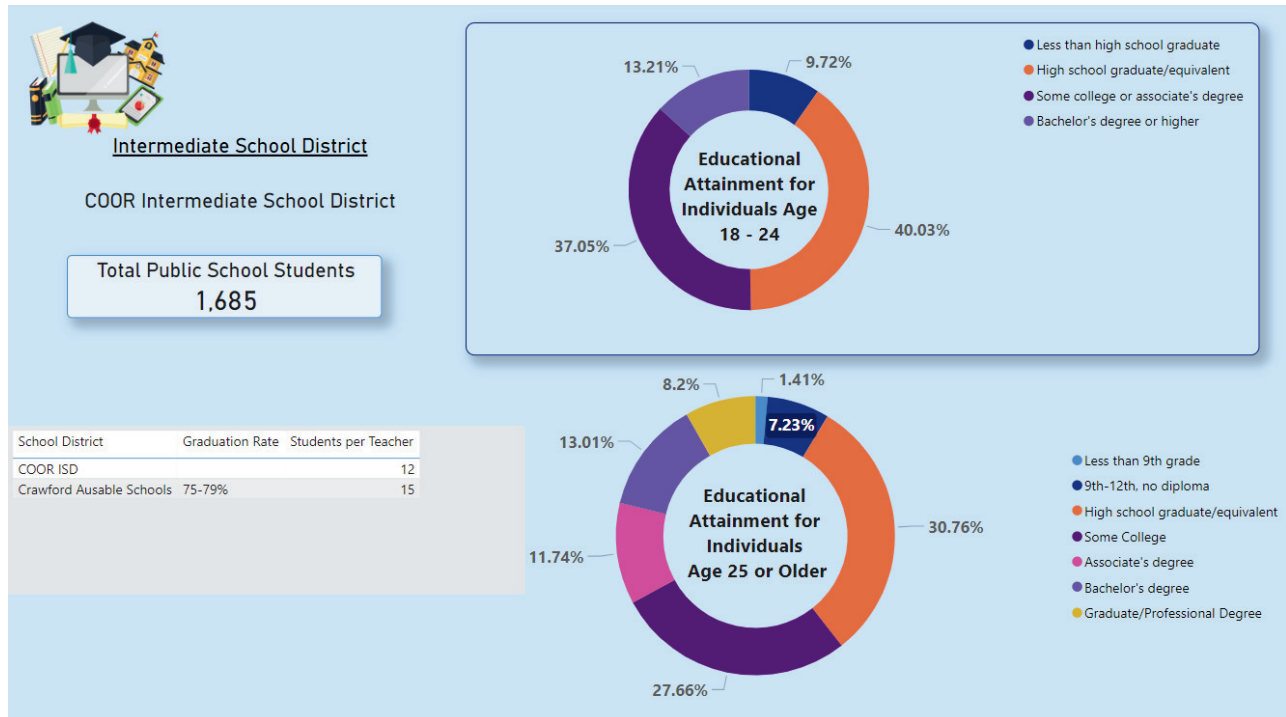
2021 Population Ages 16+ in the Workforce



Crawford

Education Access and Quality

As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.



Community College
Kirtland Community College

NEMCSA Preschool/EHS
Students:
100

School Success Students:
0

High School Mascot:
Grayling Vikings

Number of School Success
Liaisons Supporting Students:
0

Crawford County is served by one school district, Crawford AuSable Schools, and is home to Kirtland Community College. Of those age 25 and older, 30.76% were a high school graduate or equivalent and 32.95% had either an Associate's Degree, Bachelor's Degree or a Graduate/Professional Degree.



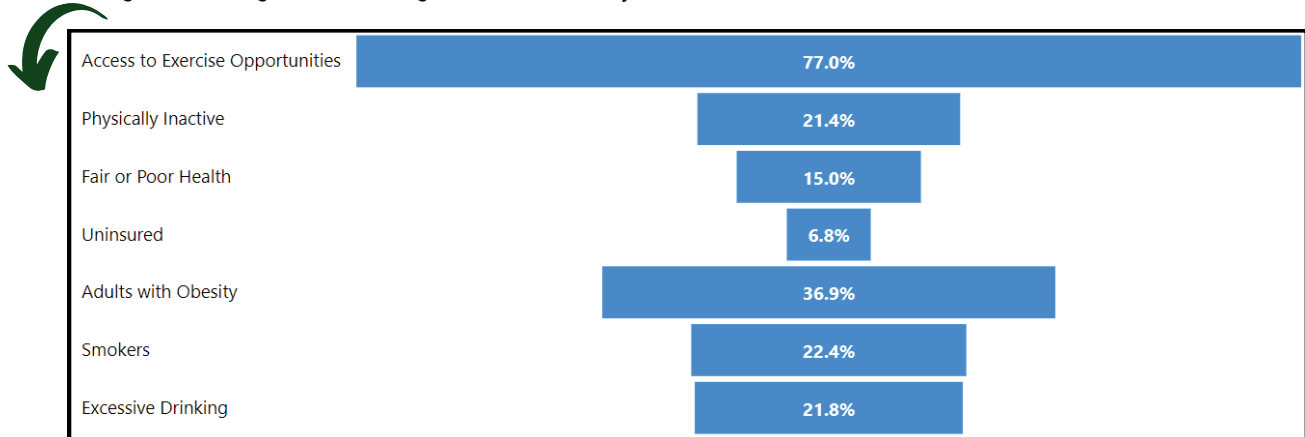
Crawford

Healthcare Access and Quality

With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.

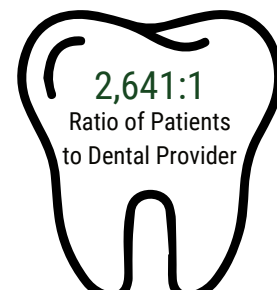
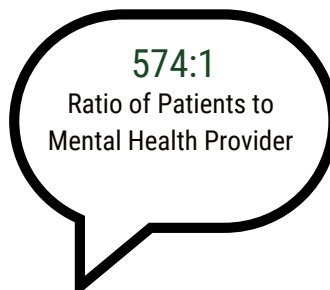
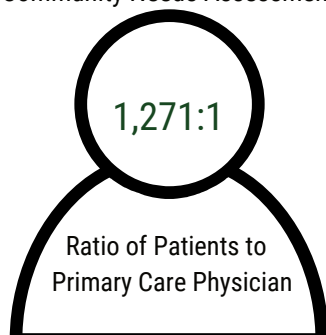


The chart below shows health indicators from the University of Wisconsin, Population Health Institute, County Health Rankings. According to the Rankings, Crawford County ranked 60th out of 83 counties in terms of health indicators.



Average Teen Birth Rate: **24** per 1,000 15 to 19 year old females

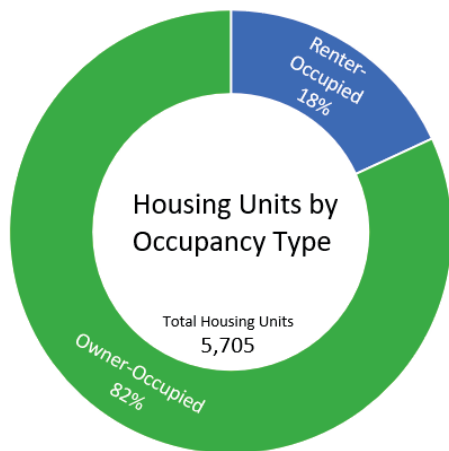
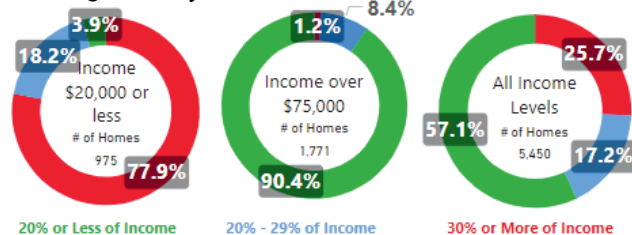
The data below shows the ratios of certain providers to residents of Crawford County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

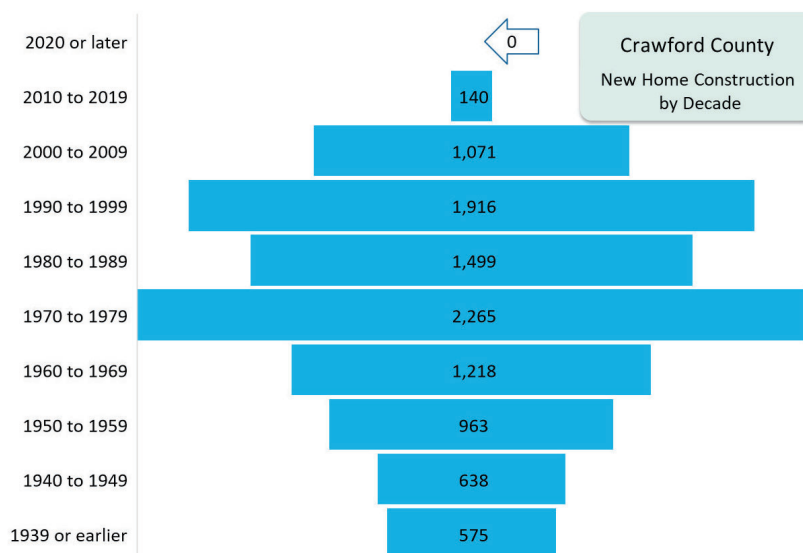
Percentage of Income Spent on Housing Costs by Amount of Income

Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.

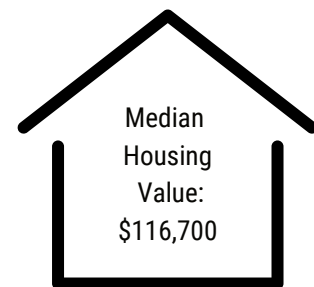


Heating Fuel	# of Homes	% of Homes
Bottled, tank, or LP gas	2,482	43.51%
Utility gas	1,909	33.46%
Wood	739	12.95%
Electricity	418	7.33%
Other fuel	125	2.19%
Fuel oil, kerosene, etc.	17	0.30%
No fuel used	12	0.21%
Coal or coke	3	0.05%
Solar energy	0	0.00%
Total	5,705	100.00%

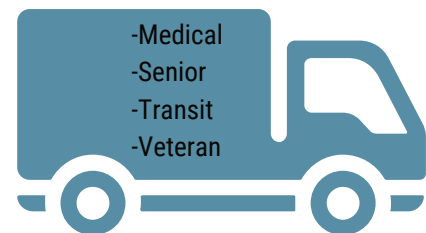
Crawford County has propane as the largest heating source. Additionally, 12 homes were reported as having no heat fuel source.



In Crawford County, 55% of the homes were built before 1980 while 45% were built after 1980. This means the majority of existing homes will be at least 50 years old by 2030.



Transportation Types Available:



Crawford

Social and Community Context

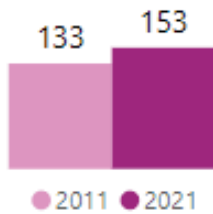
The support systems available within a community help those living in the community reach their fullest potential and receive services. However, it cannot just be community supports; household supports also play a role. According to Health People 2030, interactions and relationships a person has with family members, friends, co-workers, and community members can all play a role in the health of an individual.

1,305
Civilian Veterans in
Crawford County

2 Alcohol - Induced Deaths

3 Drug - Induced Deaths

Grandparent Households
Raising Grandchildren



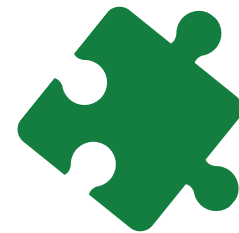
Over a 10-year period the number of households with grandparents raising grandchildren rose slightly from 133 to 153.

Foreign Born Residents

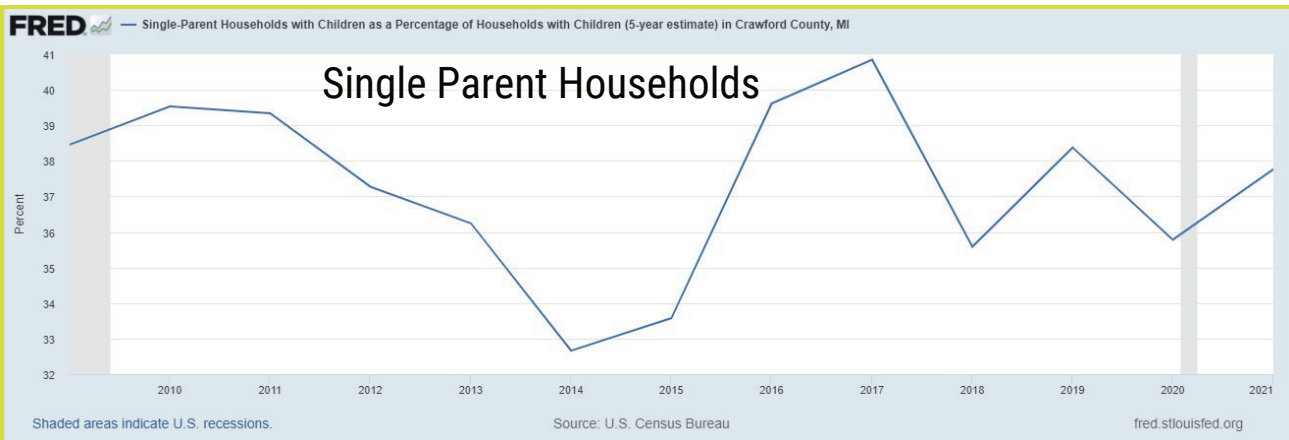


Crawford

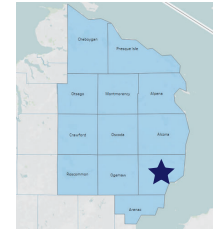
● Not a U.S. citizen ● Naturalized U.S. citizen — Foreign born



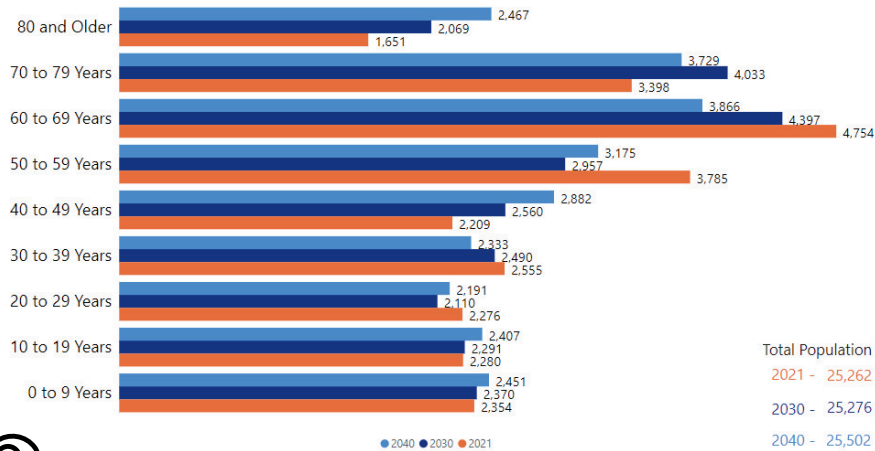
2,802
Crawford County Residents,
21.4% of the Population,
Report a Disability



Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.



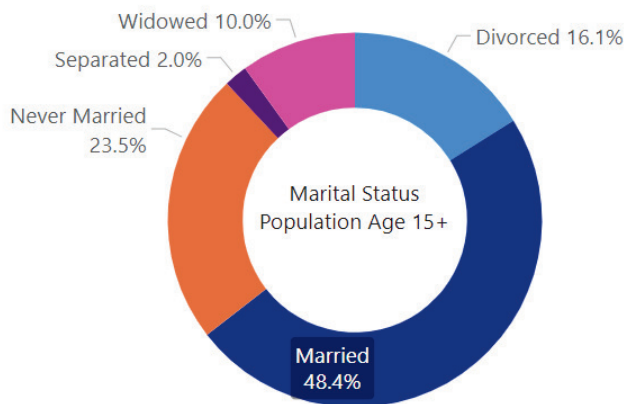
Iosco County Population Projections 2021 - 2040



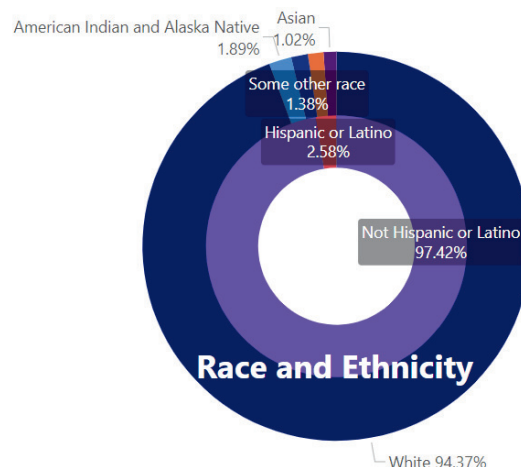
In 2021, the two largest age groups were 50-59 and 60-69 years of age. As this age demographic continues to age, as well as the younger age groups aging, there could be significant impacts on transportation needs, workforce participation, and the health care system.



As the official finish line for the AuSable River Canoe Marathon, Iosco County is home to several towns and villages including Oscoda, East Tawas, and Tawas City, the county seat and sits on the Lake Huron shoreline. Along with beaches, the 22-mile River Road Scenic Byway offers many roadside and riverside parks for travelers. Lumberman's Monument, dedicated to the workers of the early logging industry in Michigan, offers spectacular views of the AuSable River as it winds through the county.



Of those age 15+ in Iosco County, 48.4% are currently married, followed by never married at 23.5%.



The largest race and ethnicity were white, at 94% and Not Hispanic or Latino at 97%. In addition, Black or African American totaled 1.34%.

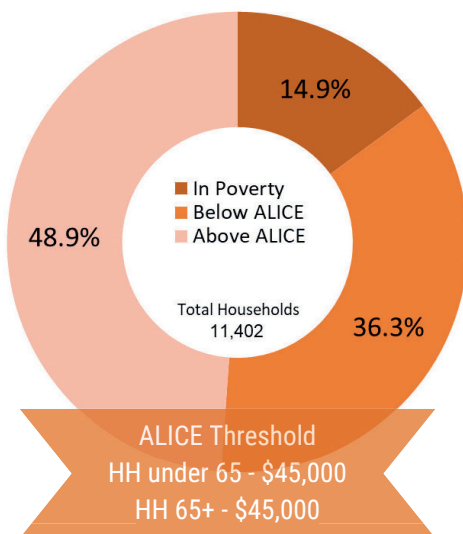
Economic Stability

Economic stability can be defined as the ability to access and afford resources that are essential to one's life and well-being. Healthy People 2030 identifies four key issues that make up the underlying factors for Economic Stability. They are employment, food insecurity, housing instability, and poverty. Each of these has their own effect on the community. An increase in unemployment for an area correlates to an increase in premature death and illness. In addition, health problems can be created by not having enough food or access to healthy foods, housing instability, and poverty.

2021 losco County
Unemployment Rate:
7.2%

2021 NEMCSA Counties
Unemployment Rate:
7.5%

Households by ALICE Designation



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
41.2%

14.2% of
Households
Received SNAP
Benefits

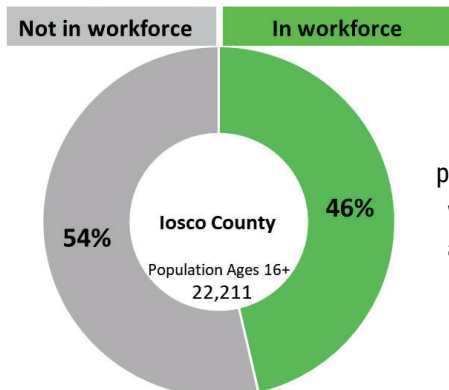
2.8% of
Households
Received Cash
Assistance

7.6% of
Households
Received SSI
Income

53.9% of
Households Had
Social Security
Income

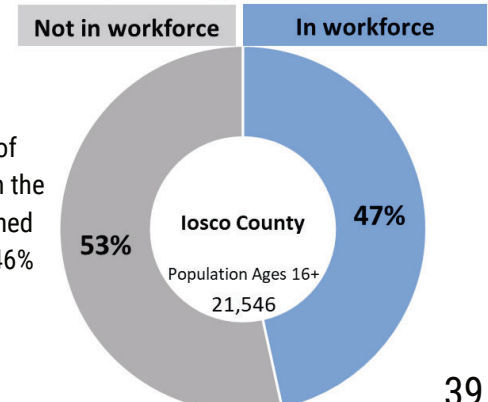
54.9% of
Households
Earned Income

2011 Population Ages 16+ in the Workforce



From 2011 to 2021, the percent of population 16 and over who were in the workforce for losco County remained almost the same. In 2011, it was 46% while in 2021 it was 47%

2021 Population Ages 16+ in the Workforce



As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.

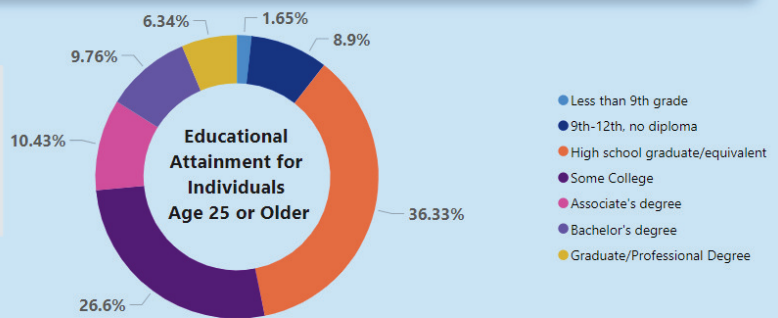
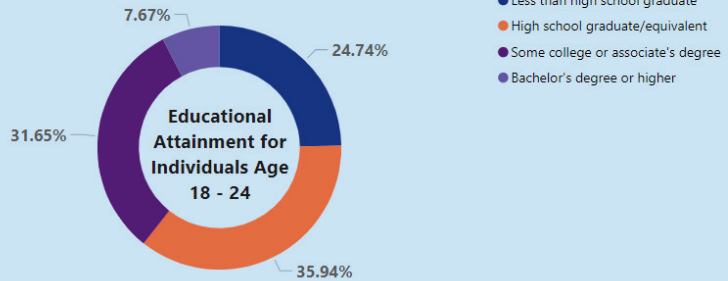


Intermediate School District

Iosco Regional Educational Service Agency

Total Public School Students
3,351

School District	Graduation Rate	Students per Teacher
Hale Area Schools	80%	15
Oscoda Area Schools	90%	16
Tawas Area Schools	95%	18
Whittemore Prescott Area Schools	80-89%	19



NEMCSA Preschool/EHS
Students:
152

School Success Students:
533

High School Mascots:
Hale Eagles
Oscoda Owls
Tawas Braves
Whittemore-Prescott Cardinals

Number of School Success Liaisons Supporting Students:

7

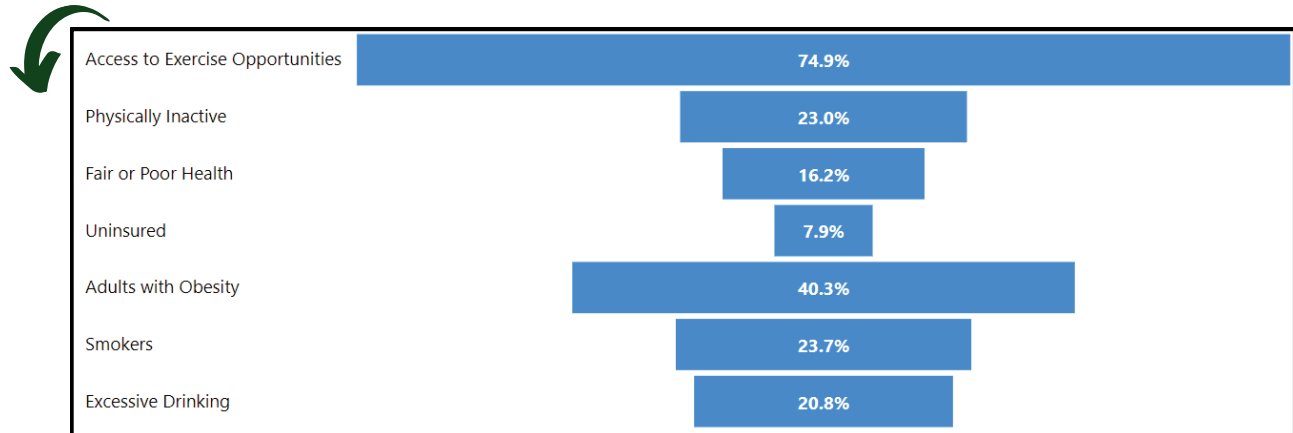
Iosco County has four public school districts to serve its 3,351 students. Of those age 25 and older, 36.33% were a high school graduate or equivalent and 26.34% had either an Associate's Degree, Bachelor's Degree, or a Graduate/Professional Degree.



With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.

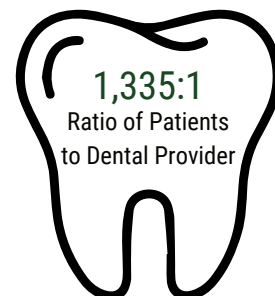
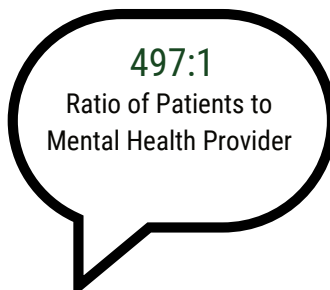
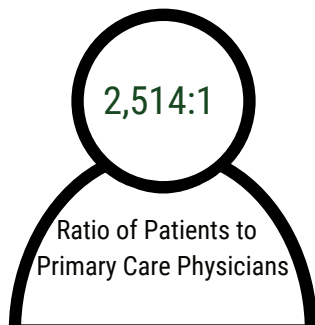


The chart below shows health indicators from the University of Wisconsin, Population Health Institute, County Health Rankings. According to the Rankings, Iosco County ranked 79th out of 83 counties in terms of health indicators.



Average Teen Birth Rate: **36** per 1,000 15 to 19 year old females

The data below shows the ratios of certain providers to residents of Iosco County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.

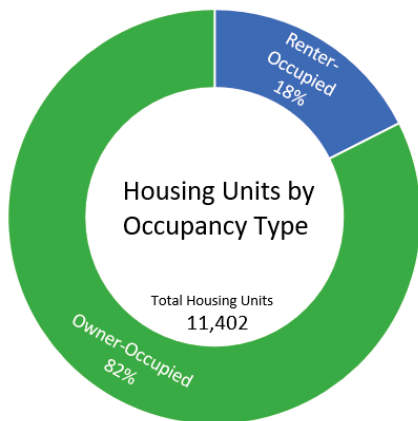
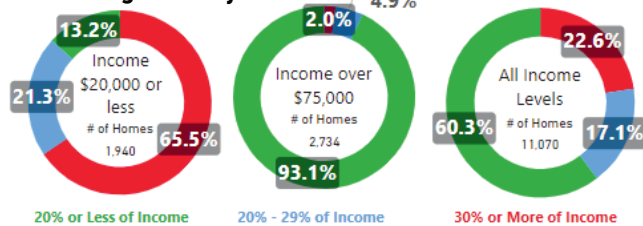


Neighborhood and Built Environment

Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

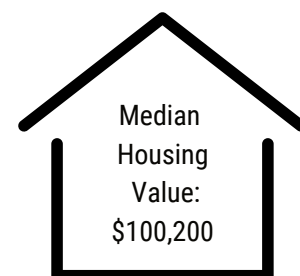
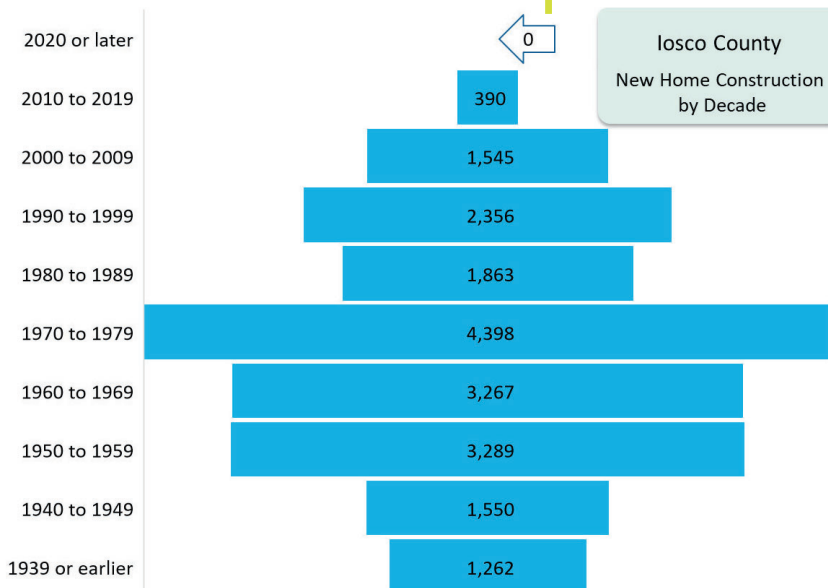
Percentage of Income Spent on Housing Costs by Amount of Income

Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.

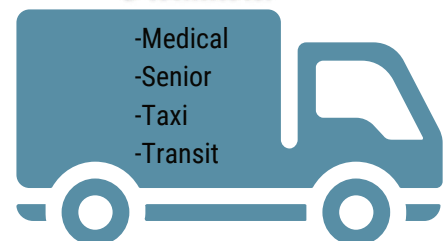


Heating Fuel	# of Homes	% of Homes
Utility gas	7,190	63.06%
Bottled, tank, or LP gas	1,892	16.59%
Electricity	1,056	9.26%
Wood	972	8.52%
Other fuel	206	1.81%
Fuel oil, kerosene, etc.	63	0.55%
No fuel used	23	0.20%
Coal or coke	0	0.00%
Solar energy	0	0.00%
Total	11,402	100.00%

The majority of losco County homes were heated by utility-gas with 63% of homes. Additionally, 23 homes were reported as having no fuel heat source.

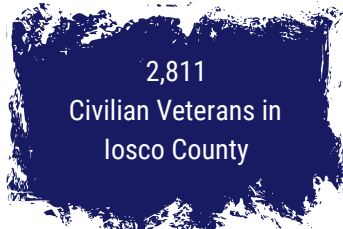


Transportation Types Available:



Of the total 19,920 homes that were built in losco County, 13,766 were built before 1980. By the year 2030, this means that 69% of the existing homes will be at least 50 years old. Of those, 47% will be at least 60 years old.

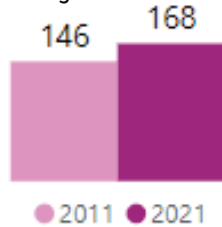
The support systems available within a community help those living in the community reach their fullest potential and receive services. However, it cannot just be community supports; household supports also play a role. According to Health People 2030, interactions and relationships a person has with family members, friends, co-workers, and community members can all play a role in the health of an individual.



4 Alcohol - Induced Deaths

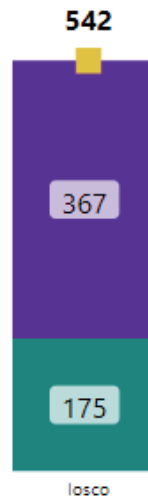
12 Drug - Induced Deaths

Grandparent Households Raising Grandchildren

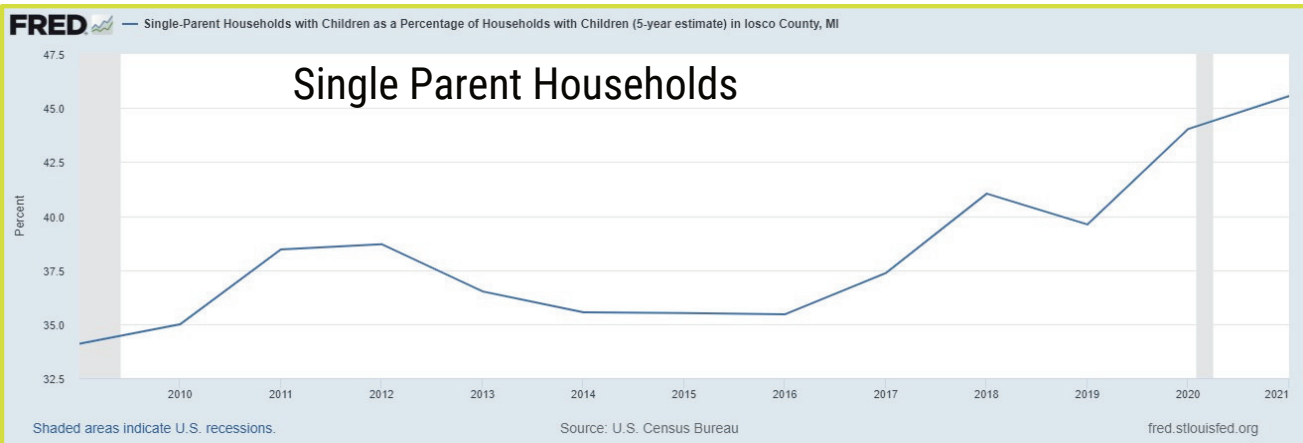
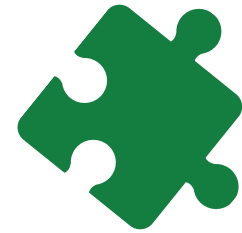


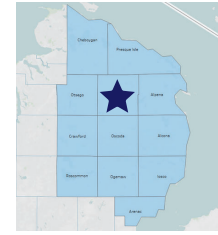
Over a 10-year period the number of households with grandparents raising grandchildren rose by 22 households.

Foreign Born Residents



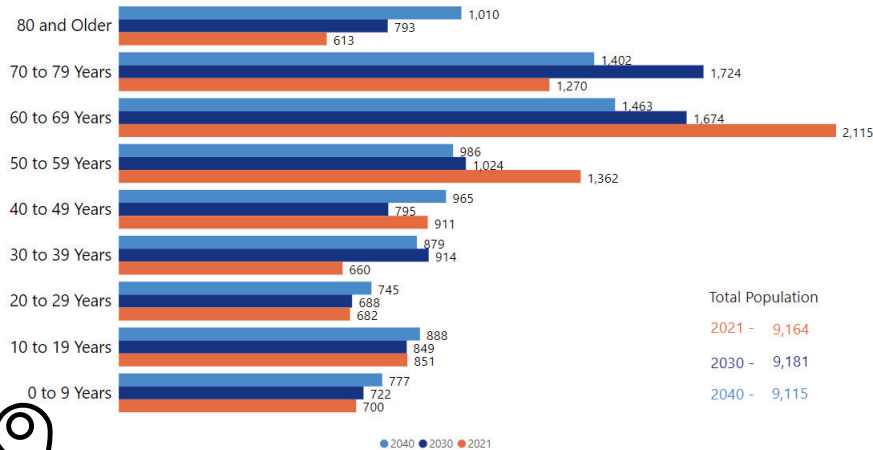
● Not a U.S. citizen ● Naturalized U.S. citizen ■ Foreign born





Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.

Montmorency County Population Projections 2021 - 2040

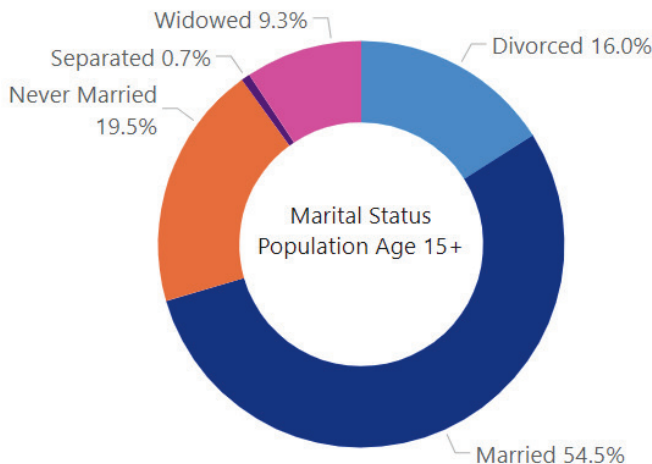


The population in Montmorency County is relatively stable with an increase anticipated in ages 0-20 by 2040. This will place additional demands on childcare providers. The 60-69 age group is projected to decrease prior to 2030 when comparing to the 70-79 year old age group.

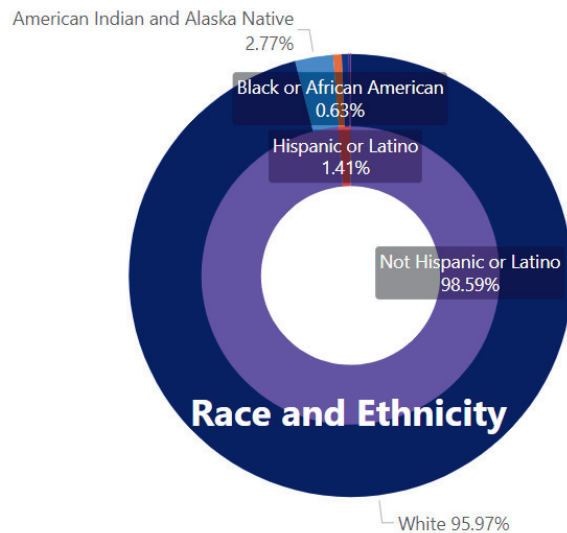
Total Population
 2021 - 9,164
 2030 - 9,181
 2040 - 9,115



Montmorency County is home to 248 lakes and reservoirs, leading to almost 15 square miles of water surface in the county. In addition, the City of Atlanta is designated as the Elk Capital of Michigan and celebrates this designation with a festival at the end of September each year.



Of those age 15+ in Montmorency County, 54.5% are currently married, followed by never married at 19.5%.



The largest race and ethnicity groups were white, at 96% and Not Hispanic or Latino at 99%. Some Other Race reported 0.51% and Asian at 0.12%.

Montmorency

Economic Stability

Economic stability can be defined as the ability to access and afford resources that are essential to one's life and well-being. Healthy People 2030 identifies four key issues that make up the underlying factors for Economic Stability. They are employment, food insecurity, housing instability, and poverty. Each of these has their own effect on the community. An increase in unemployment for an area correlates to an increase in premature death and illness. In addition, health problems can be created by not having enough food or access to healthy foods, housing instability, and poverty.

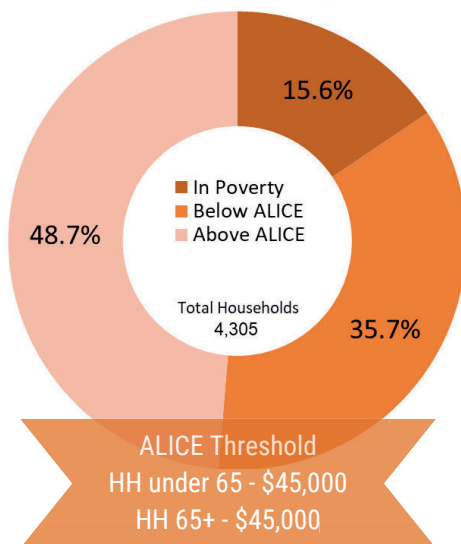
2021 Montmorency County
Unemployment Rate:

9.4%

2021 NEMCSA Counties
Unemployment Rate:

7.5%

Households by ALICE Designation



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
39.1%

13.4% of
Households
Received SNAP
Benefits

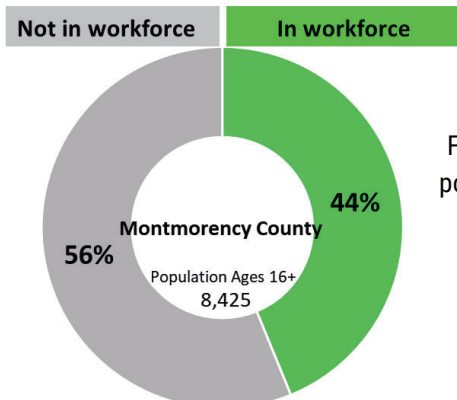
3.1% of
Households
Received Cash
Assistance

7.3% of
Households
Received SSI
Income

58.4% of
Households Had
Social Security
Income

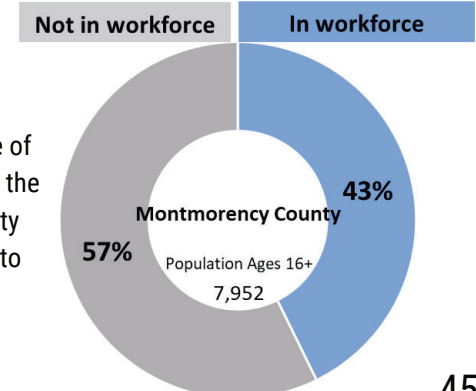
55.0% of
Households
Earned Income

2011 Population Ages 16+ in the Workforce



From 2011 to 2021, the percentage of population 16 and over who were in the workforce for Montmorency County changed only slightly, decreasing to 43% in 2021 from 44% in 2011.

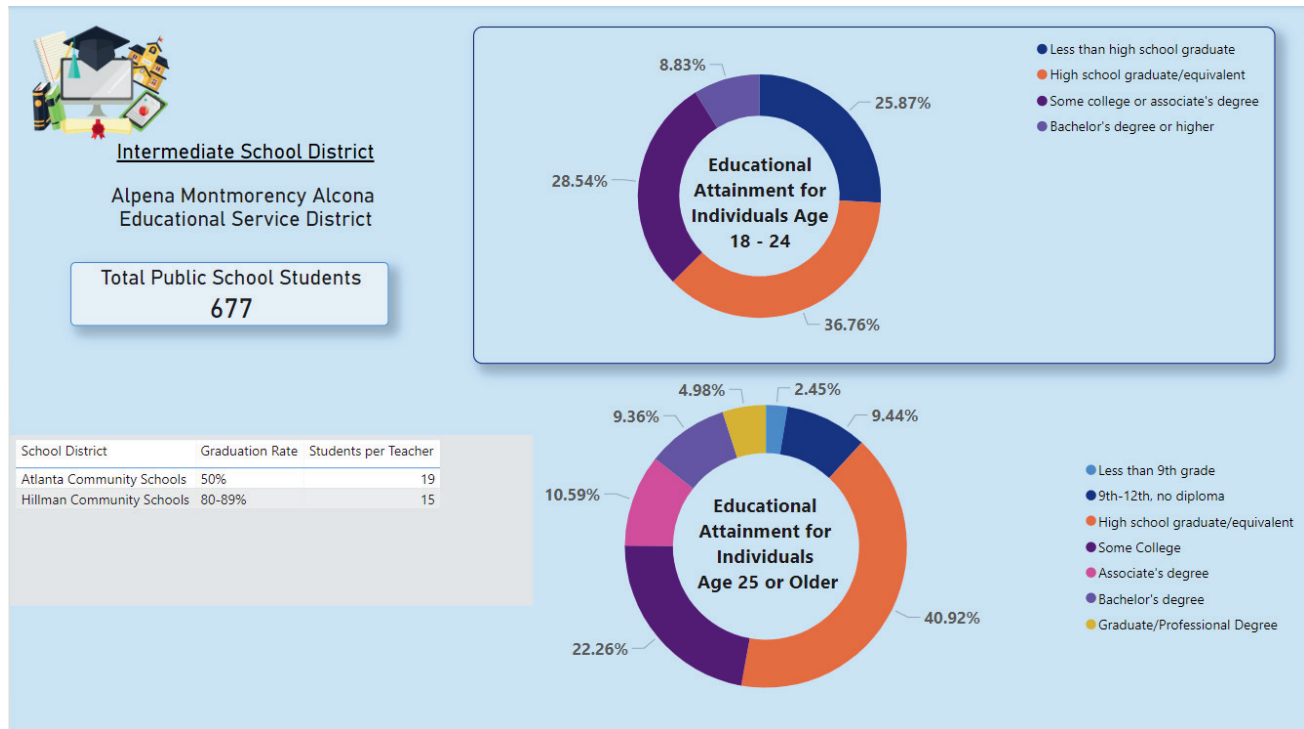
2021 Population Ages 16+ in the Workforce



Montmorency

Education Access and Quality

As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.



NEMCSA Preschool/EHS
Students:
61

School Success Students:
70

High School Mascots:
Atlanta Huskies
Hillman Tigers

Number of School Success
Liaisons Supporting Students:
2

Montmorency County is home to two public school districts, Atlanta Community Schools and Hillman Community Schools. Of those age 25 and older within the county, 40.92% were a high school graduate or equivalent and 24.93% had either an Associate's Degree, Bachelor's Degree, or a Graduate/Professional Degree.



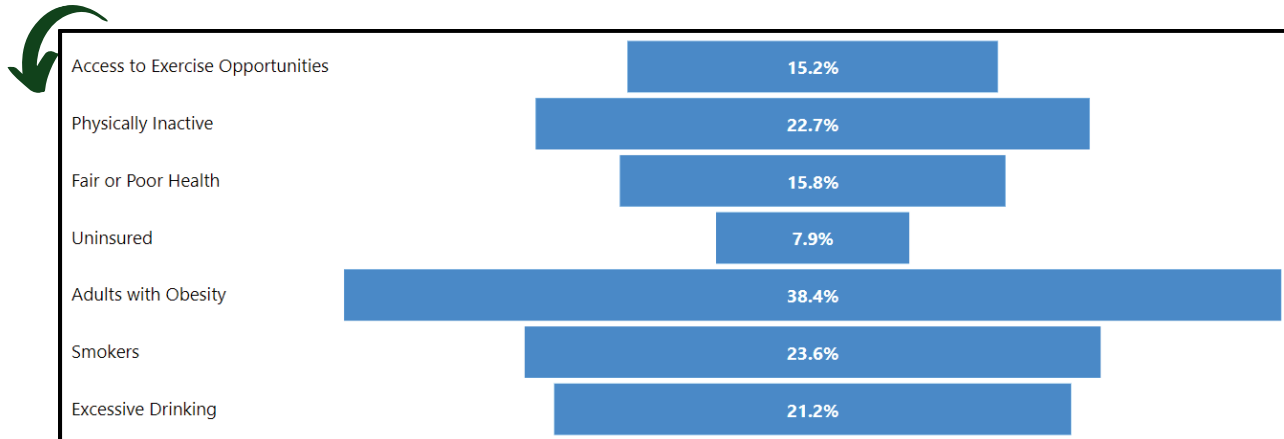
Montmorency

Healthcare Access and Quality

With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.

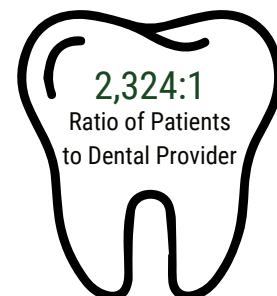
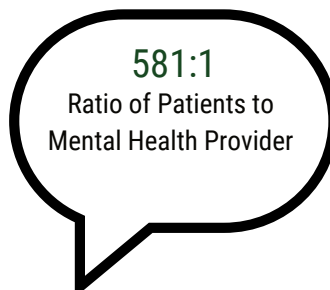
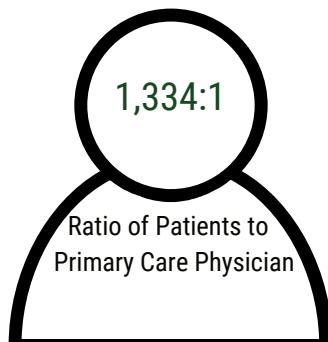


The chart below shows health indicators from the University of Wisconsin, Population Health Institute, County Health Rankings. According to the Rankings, Montmorency County ranked 73rd out of 83 counties in terms of health indicators.



Average Teen Birth Rate: 25 per 1,000 15 to 19 year old females

The data below shows the ratios of certain providers to residents of Montmorency County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



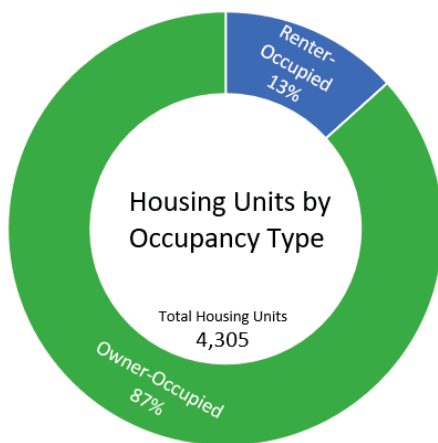
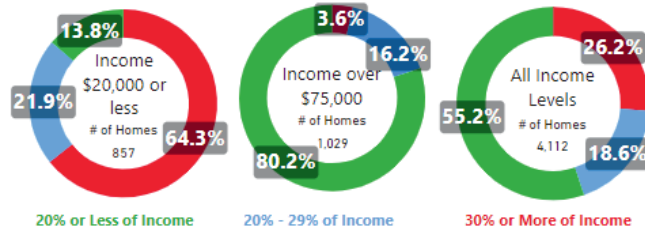
Montmorency

Neighborhood and Built Environment

Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

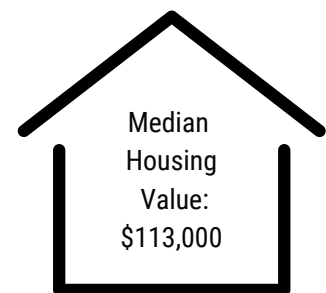
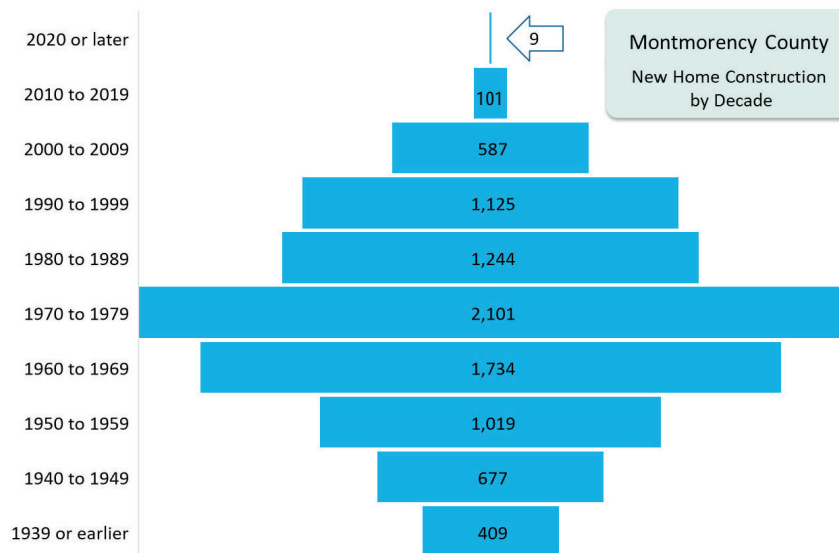
Percentage of Income Spent on Housing Costs by Amount of Income

Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.

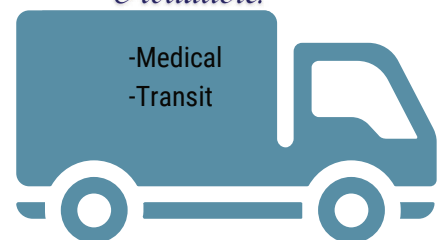


Heating Fuel	# of Homes	% of Homes
Utility gas	2,337	54.29%
Bottled, tank, or LP gas	1,128	26.20%
Wood	595	13.82%
Electricity	117	2.72%
Fuel oil, kerosene, etc.	58	1.35%
Other fuel	58	1.35%
No fuel used	9	0.21%
Solar energy	3	0.07%
Coal or coke	0	0.00%
Total	4,305	100.00%

In Montmorency County, utility-gas was the largest heating source at 54%. Additionally, 9 homes were reported as having no fuel heating source.



Transportation Types Available:



In Montmorency County, only 33% of the homes were built after 1980 and therefore are under 50 years old. A total of 5,940 (67%) of the existing homes were built before 1980.

Montmorency

Social and Community Context

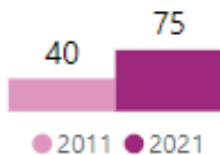
The support systems available within a community help those living in the community reach their fullest potential and receive services. However, it cannot just be community supports; household supports also play a role. According to Health People 2030, interactions and relationships a person has with family members, friends, co-workers, and community members can all play a role in the health of an individual.



4 Alcohol - Induced Deaths

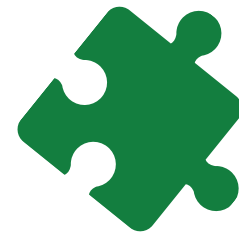
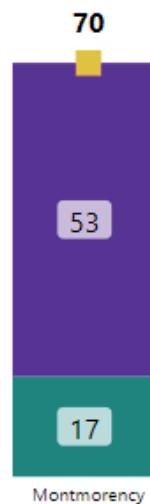
3 Drug - Induced Deaths

Grandparent Households
Raising Grandchildren



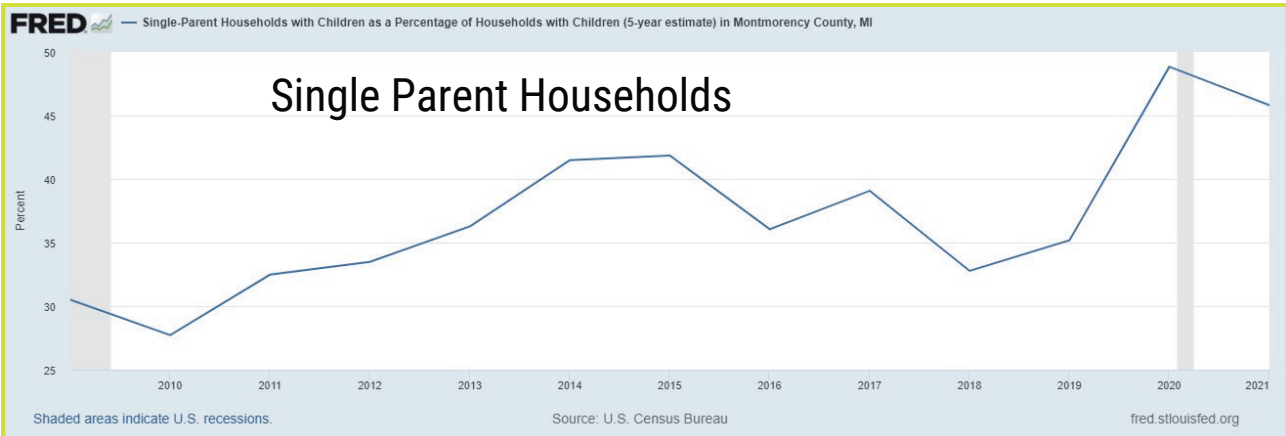
Over a 10-year period the number of households with grandparents raising grandchildren has nearly doubled.

Foreign Born Residents



2,259
Montmorency County
Residents, 24.7% of the
Population, Report a Disability.

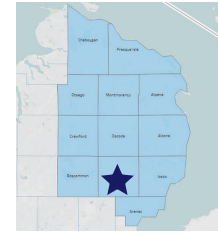
● Not a U.S. citizen ● Naturalized U.S. citizen ■ Foreign born



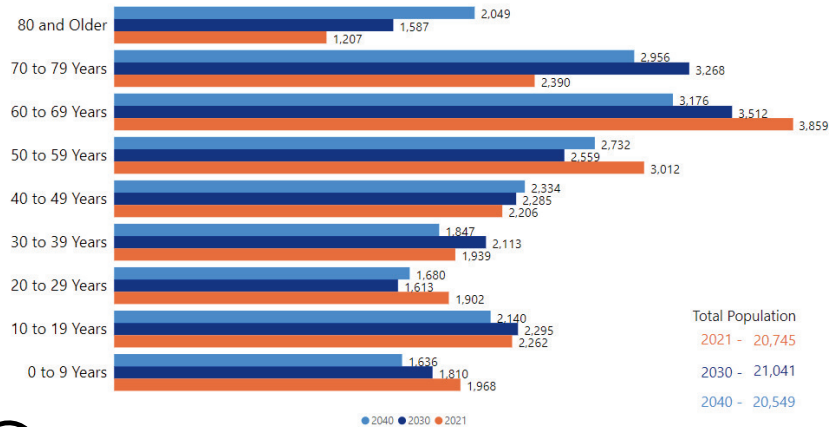
Ogemaw

Demographic Information

Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.



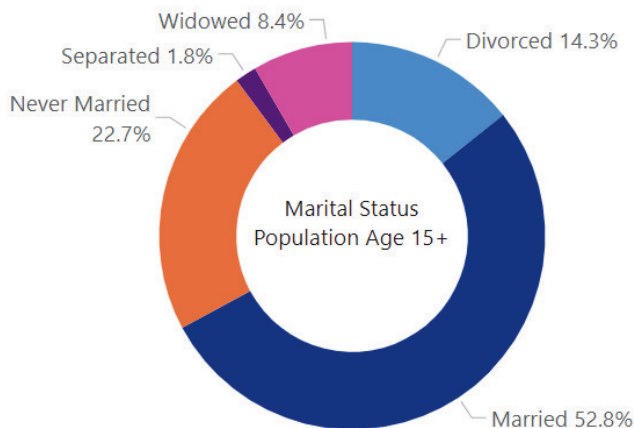
Ogemaw County Population Projections 2021 - 2040



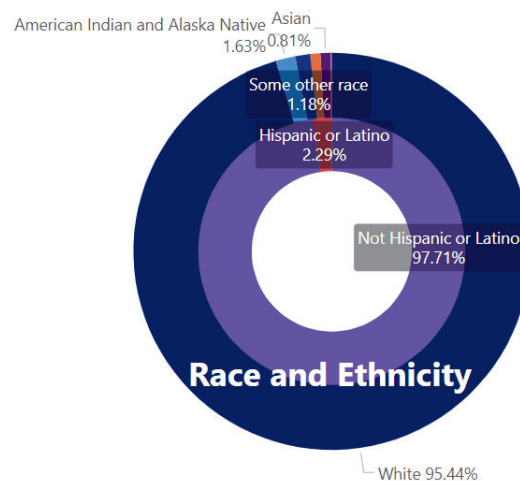
The population for Ogemaw County remains relatively consistent over time. However, the 80 and older age group nearly doubles from 2021 to 2040.



Self-proclaimed as a beautiful place to live, work and play, Ogemaw County offers golf courses, The Rifle River State Recreation Area, and the Ogemaw Hills Pathway. All offering opportunities for outdoor enjoyment in all of the four seasons. For those traveling I-75, West Branch, the county seat, is recognized by the famed "Smiley Tower" who keeps watch over the city and travelers.



Of those age 15+ in Ogemaw County, 52.9% are currently married, followed by never married at 22.7%.



The largest race and ethnicity groups were white, at 95% and Not Hispanic or Latino at 98%. Black or African American reported 0.86% and Native Hawaiian and Other Pacific Islander at 0.1%.

Ogemaw

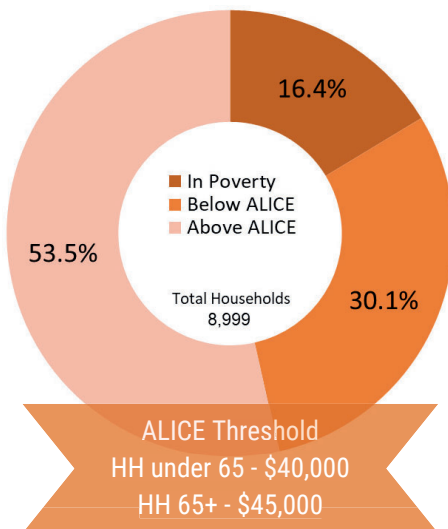
Economic Stability

Economic stability can be defined as the ability to access and afford resources that are essential to one's life and well-being. Healthy People 2030 identifies four key issues that make up the underlying factors for Economic Stability. They are employment, food insecurity, housing instability, and poverty. Each of these has their own effect on the community. An increase in unemployment for an area correlates to an increase in premature death and illness. In addition, health problems can be created by not having enough food or access to healthy foods, housing instability, and poverty.

2021 Ogemaw County
Unemployment Rate:
7.8%

2021 NEMCSA Counties
Unemployment Rate:
7.5%

Households by ALICE Designation



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
42.8%

20.3% of
Households
Received SNAP
Benefits

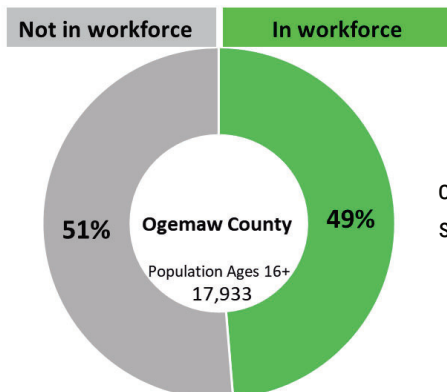
2.8% of
Households
Received Cash
Assistance

10.3% of
Households
Received SSI
Income

51.7% of
Households Had
Social Security
Income

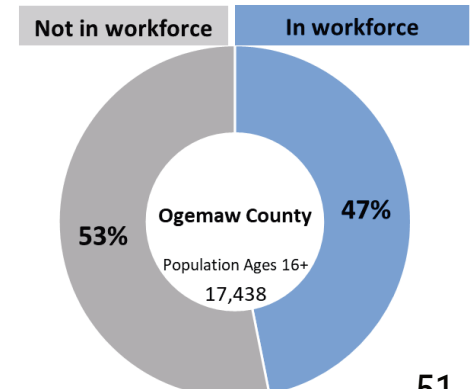
58.1% of
Households
Earned Income

2011 Population Ages 16+ in the Workforce



Ogemaw County, like most of the counties in the NEMCSA service area, saw only a slight change in those 16+ in the workforce, going from 49% in 2011 to 47% in 2021.

2021 Population Ages 16+ in the Workforce



Ogemaw

Education Access and Quality

As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.

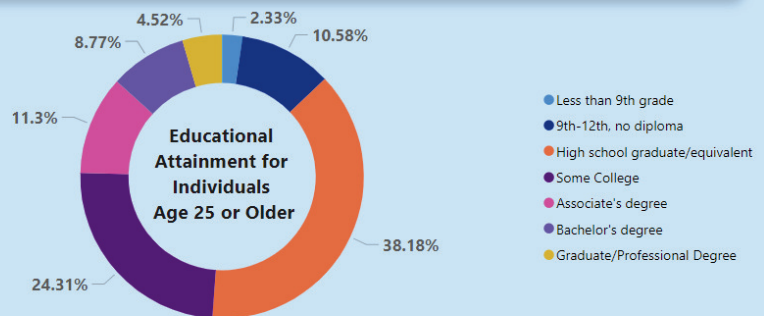
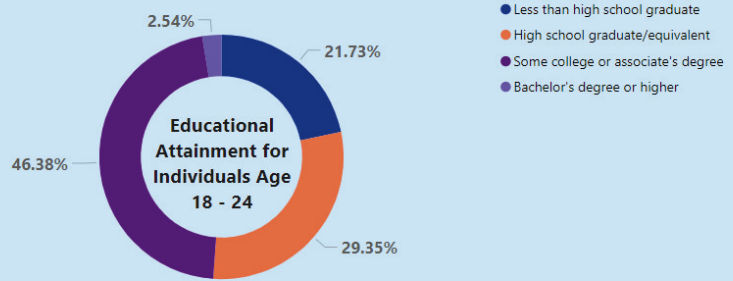


Intermediate School District

COOR Intermediate School District

Total Public School Students
1,896

School District	Graduation Rate	Students per Teacher
West Branch Rose City Area Schools	85-89%	18



NEMCSA Preschool/EHS

Students:

133

School Success Students:

82

High School Mascot:

Ogemaw Heights Falcons

Number of School Success Liaisons Supporting Students:

1

In Ogemaw County, there is one public school system to serve the 1,896 students, West Branch-Rose City Area Schools. Of those age 25 and older, 38.18% were a high school graduate or equivalent, and 24.59% had either an Associate's Degree, a Bachelor's Degree, or a Graduate/Professional Degree.



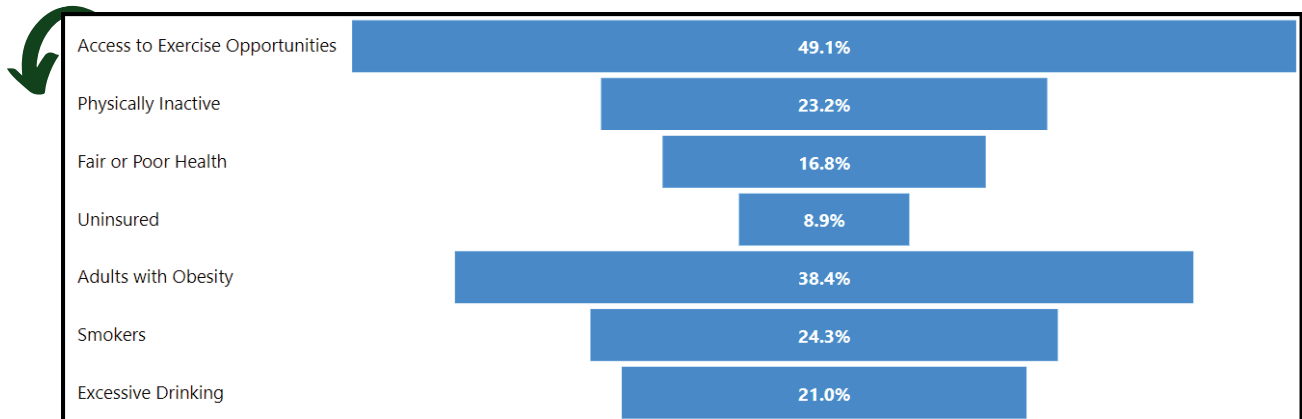
Ogemaw

Healthcare Access and Quality

With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.

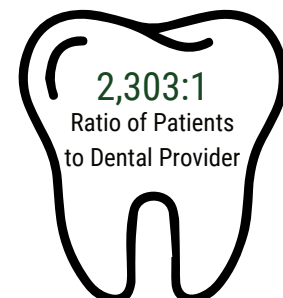
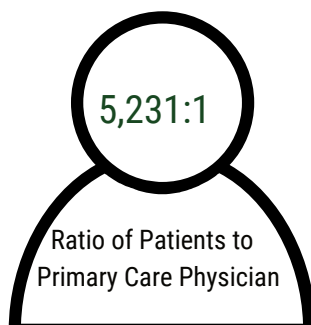


The chart below shows health indicators from the University of Wisconsin, Population Health Institute, County Health Rankings. According to the Rankings, Ogemaw County ranked 74th out of 83 counties in terms of health indicators.



Average Teen Birth Rate: **22** per 1,000 15 to 19 year old females

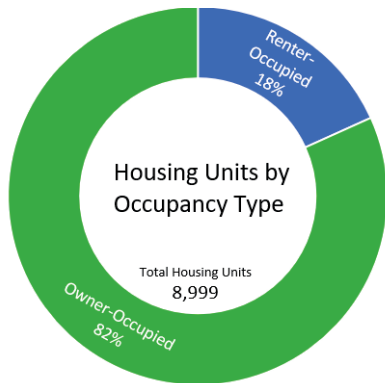
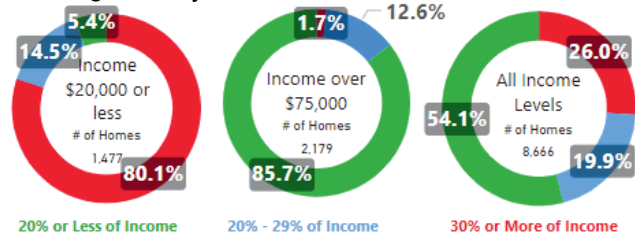
The data below shows the ratios of certain providers to residents of Ogemaw County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

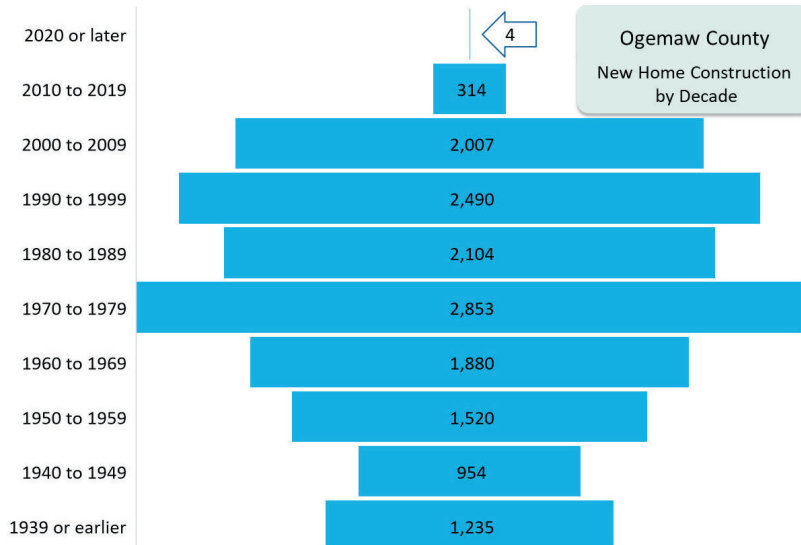
Percentage of Income Spent on Housing Costs by Amount of Income

Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.

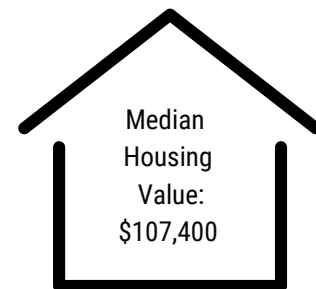


Heating Fuel	# of Homes	% of Homes
Bottled, tank, or LP gas	3,385	37.62%
Utility gas	3,000	33.34%
Wood	1,311	14.57%
Electricity	679	7.55%
Other fuel	329	3.66%
Fuel oil, kerosene, etc.	262	2.91%
No fuel used	21	0.23%
Solar energy	10	0.11%
Coal or coke	2	0.02%
Total	8,999	100.00%

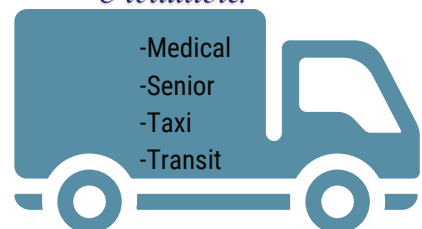
Thirty-eight percent of Ogemaw County utilized propane for a heating source. Additionally, 21 homes were reported as having no fuel heating source.



Ogemaw County only shows a 10% difference in homes built before and after 1980. A total of 8,442 (55%) of homes were built before 1980 while 6,919 (45%) of existing homes were built after 1980.



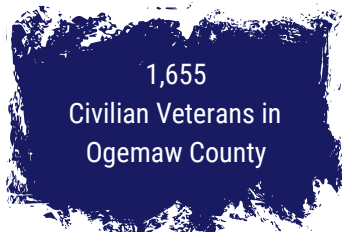
Transportation Types Available:



Ogemaw

Social and Community Context

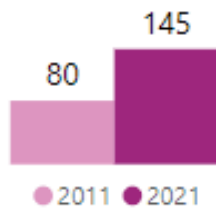
The support systems available within a community help those living in the community reach their fullest potential and receive services. However, it cannot just be community supports; household supports also play a role. According to Health People 2030, interactions and relationships a person has with family members, friends, co-workers, and community members can all play a role in the health of an individual.



3 Alcohol - Induced Deaths

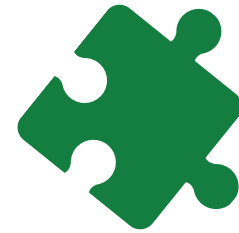
5 Drug - Induced Deaths

Grandparent Households Raising Grandchildren



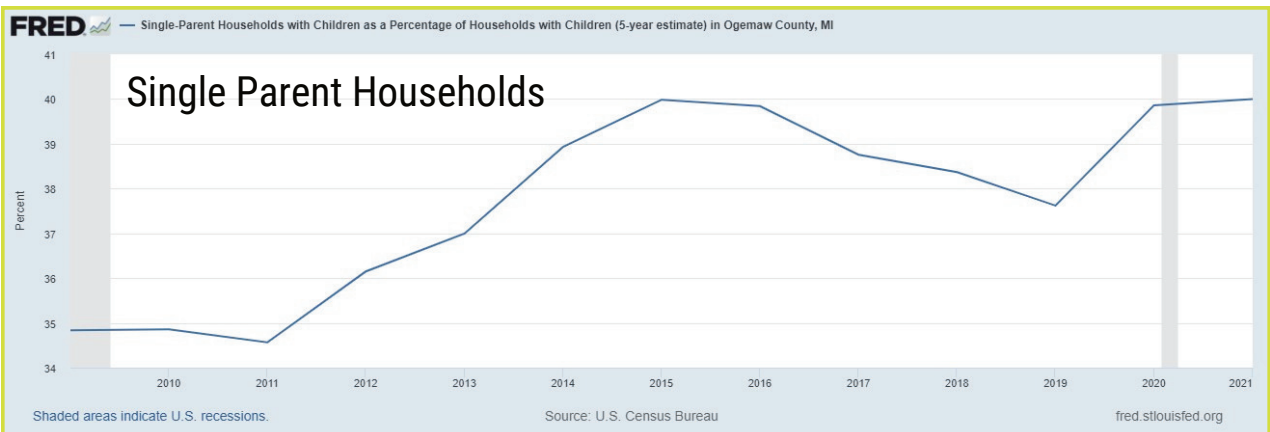
Over a 10-year period the number of households with grandparents raising grandchildren increased from 80 to 145 households.

Foreign Born Residents



4,739
Ogemaw County Residents,
22.8% of the Population,
Report a Disability

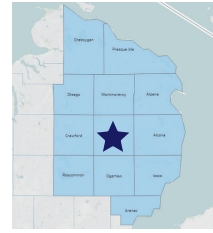
● Not a U.S. citizen ● Naturalized U.S. citizen — Foreign born



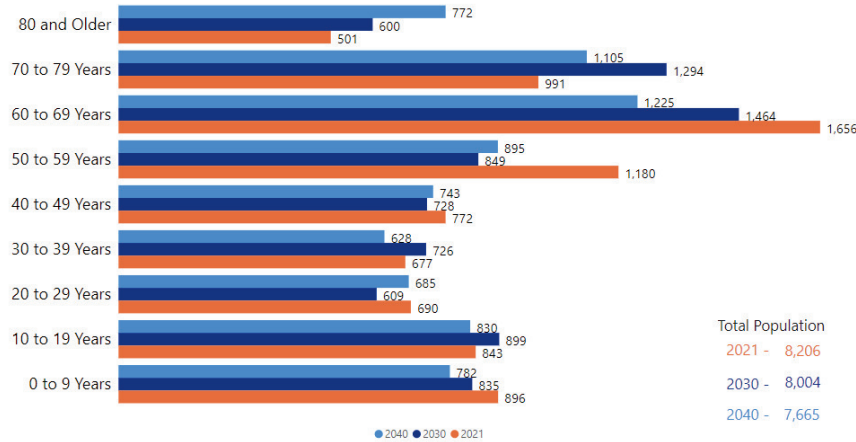
Oscoda

Demographic Information

Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.



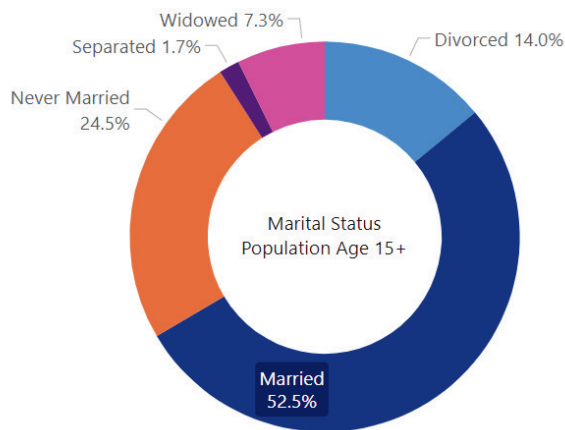
Oscoda County Population Projections 2021 - 2040



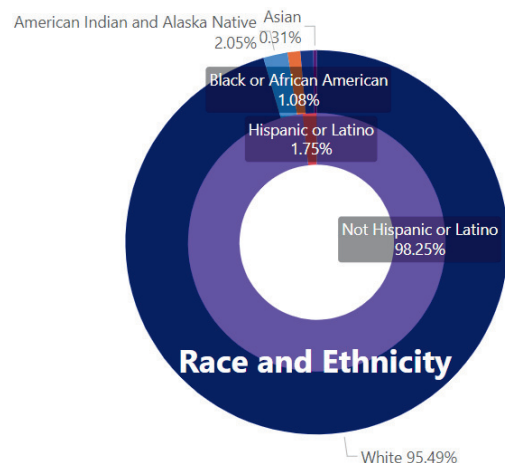
The largest age group for Oscoda County residents is 60-69 years of age and is projected to remain the largest in 2040. The 80 and older age group is projected to grow by over 270 individuals by 2040.



Oscoda County offers ample opportunity to those looking for space to grow as it is the least populous county in Michigan's Lower Peninsula. Offering a relaxed pace of life, Oscoda County boasts trails, forests, the AuSable River, and small town charm. What makes Oscoda County unique is its Amish population and businesses, as well as a thriving lumber industry.



Of those age 15+ in Oscoda County, 52.5% are currently married, followed by never married at 24.5%.



The largest race and ethnicity groups were white, at 95% and Not Hispanic or Latino at 98%. Of the population, 1.09% reported Some Other Race.

Oscoda

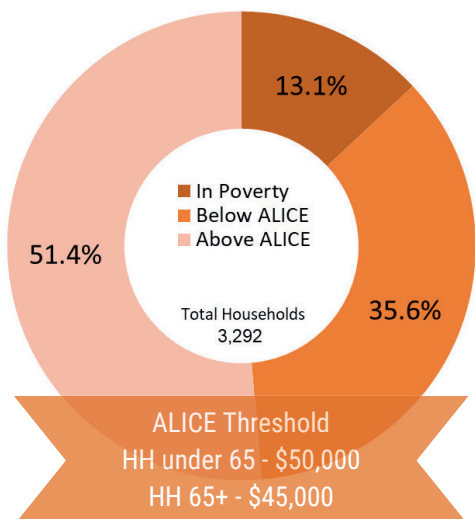
Economic Stability

Economic stability can be defined as the ability to access and afford resources that are essential to one's life and well-being. Healthy People 2030 identifies four key issues that make up the underlying factors for Economic Stability. They are employment, food insecurity, housing instability, and poverty. Each of these has their own effect on the community. An increase in unemployment for an area correlates to an increase in premature death and illness. In addition, health problems can be created by not having enough food or access to healthy foods, housing instability, and poverty.

2021 Oscoda County
Unemployment Rate:
9.1%

2021 NEMCSA Counties
Unemployment Rate:
7.5%

Households by ALICE Designation



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
39.96%

13.3% of
Households
Receive SNAP
Benefits

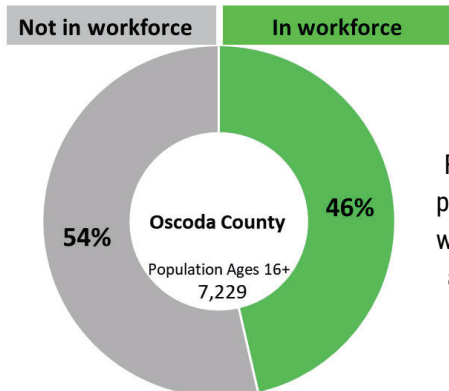
2.6% of
Households
Receive Cash
Assistance

8.7% of
Households
Receive SSI
Income

56.0% of
Households
Have Social
Security Income

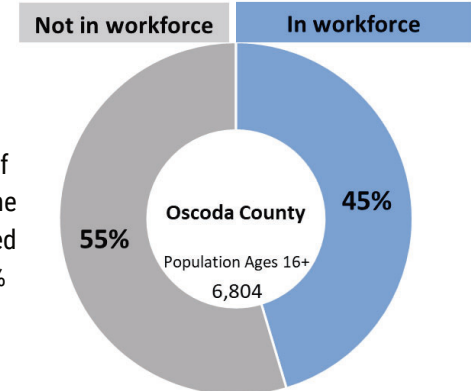
55.7% of
Households
Have Earned
Income

2011 Population Ages 16+ in the Workforce



From 2011 to 2021, the percentage of population 16 and over who were in the workforce for Oscoda County remained almost the same. In 2011, it was 46% while in 2021 it was 45%

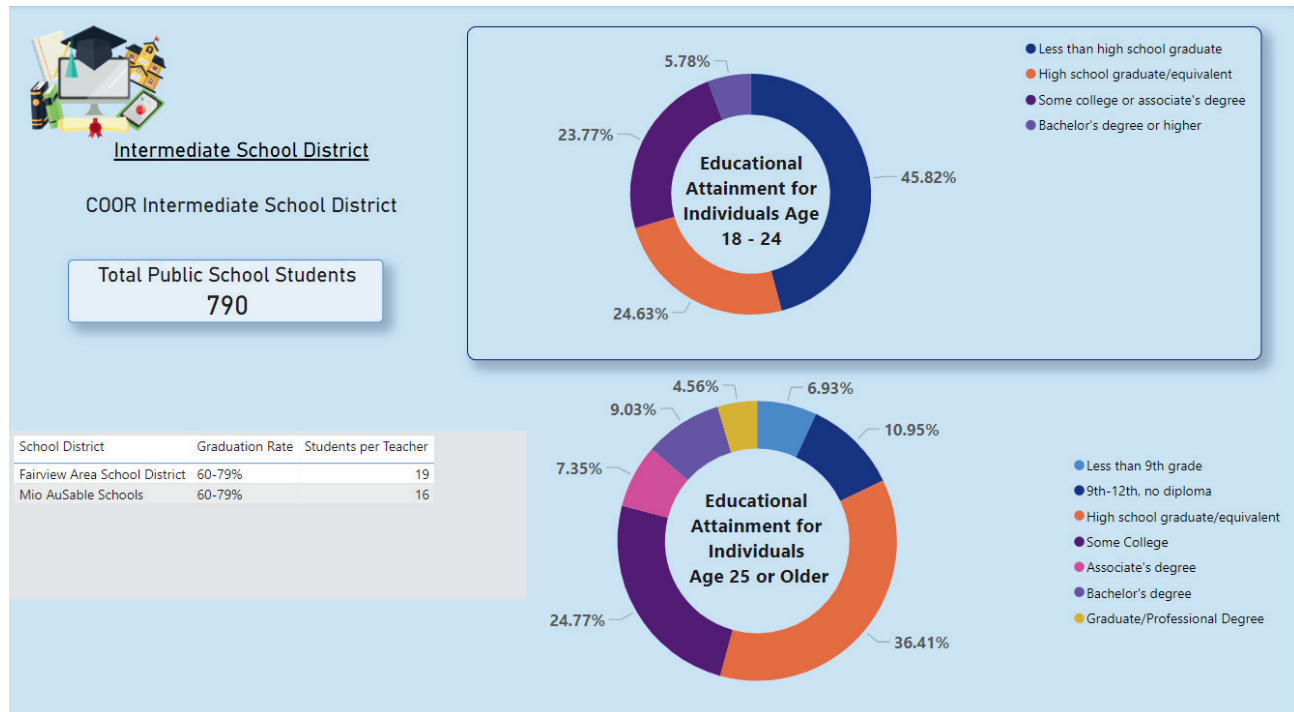
2021 Population Ages 16+ in the Workforce



Oscoda

Education Access and Quality

As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.



The Fairview Area Schools and the Mio AuSable Schools serve the 790 Oscoda County Students. Of those age 25 and older, 36.41% were a high school graduate or equivalent. Of note in Oscoda County, there is a large Amish population, which leads to a higher percentage of those with less than a 9th grade education.



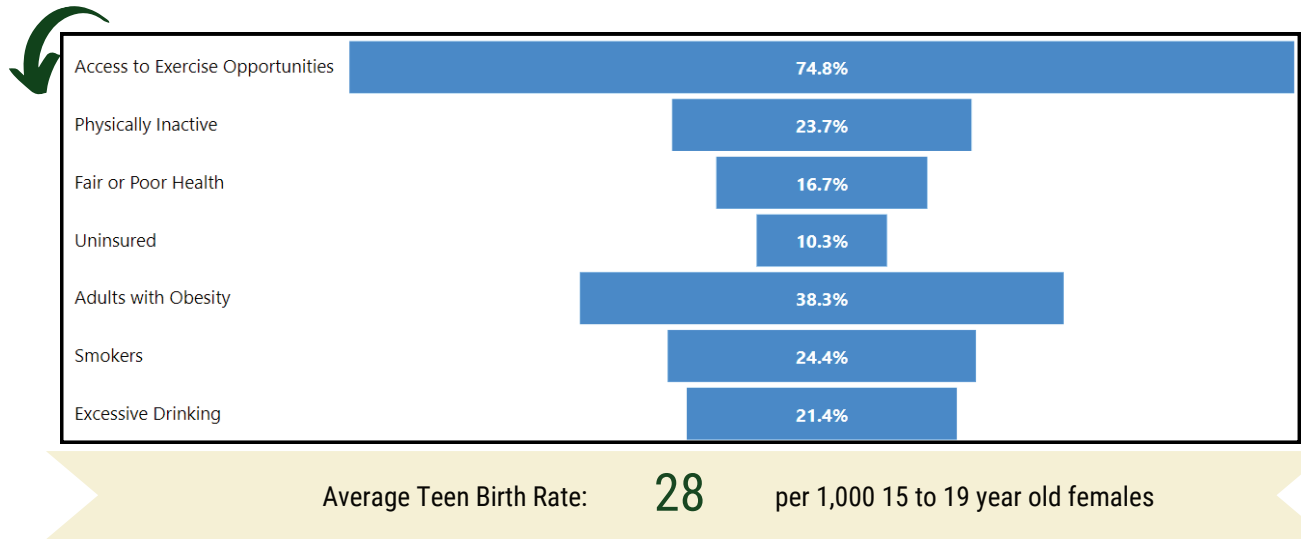
Oscoda

Healthcare Access and Quality

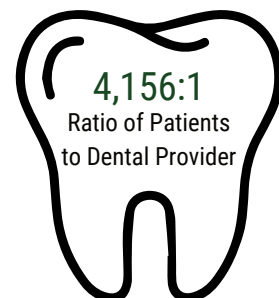
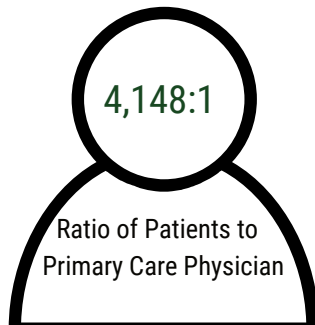
With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.



The chart below shows health indicators from the University of Wisconsin, Population Health Institute, County Health Rankings. According to the Rankings, Oscoda County ranked 75th out of 83 counties in terms of health indicators.



The data below shows the ratios of certain providers to residents of Oscoda County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



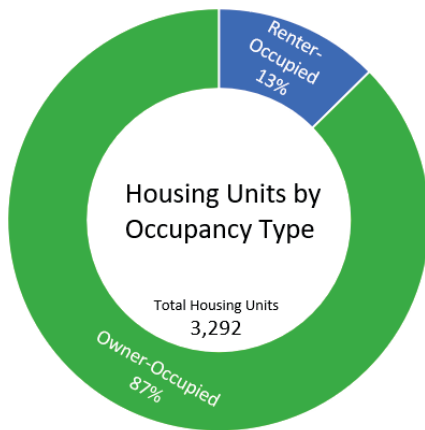
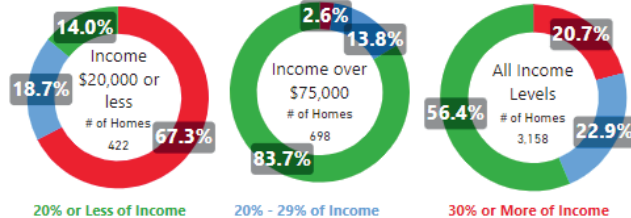
Oscoda

Neighborhood and Built Environment

Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

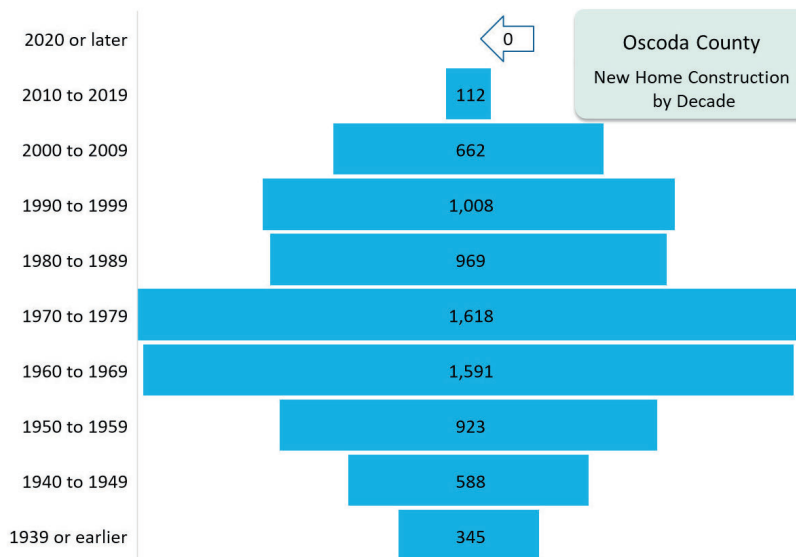
Percentage of Income Spent on Housing Costs by Amount of Income

Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.

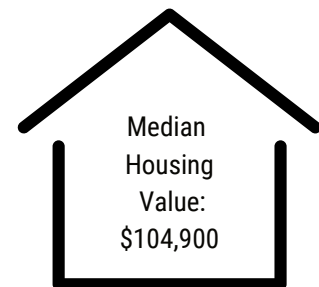


Heating Fuel	# of Homes	% of Homes
Bottled, tank, or LP gas	1,153	35.02%
Utility gas	1,061	32.23%
Wood	778	23.63%
Electricity	216	6.56%
Fuel oil, kerosene, etc.	39	1.18%
Other fuel	34	1.03%
Coal or coke	11	0.33%
No fuel used	0	0.00%
Solar energy	0	0.00%
Total	3,292	100.00%

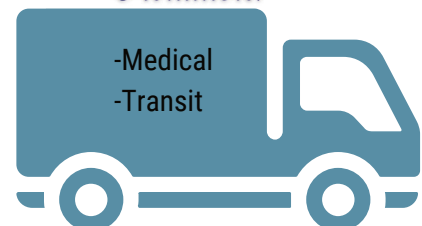
The largest home heating fuel type for Oscoda County was propane at 35% followed by utility gas at 32%. Interestingly, 0 homes were reported as having no fuel heat source.



In Oscoda County, 65% of existing homes (5,065) were built before 1980. By the year 2030, those homes will be over 50 years old. A total of 2,751 (35%) homes were built in 1980 or after.



Transportation Types Available:



Oscoda

Social and Community Context

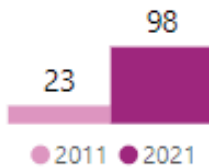
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2 Alcohol - Induced Deaths

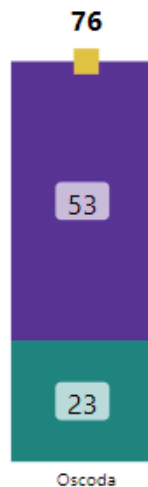
2 Drug - Induced Deaths

Grandparent Households
Raising Grandchildren

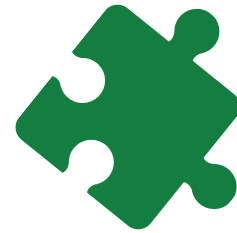


Over a 10-year period the number of households with grandparents raising grandchildren more than quadrupled.

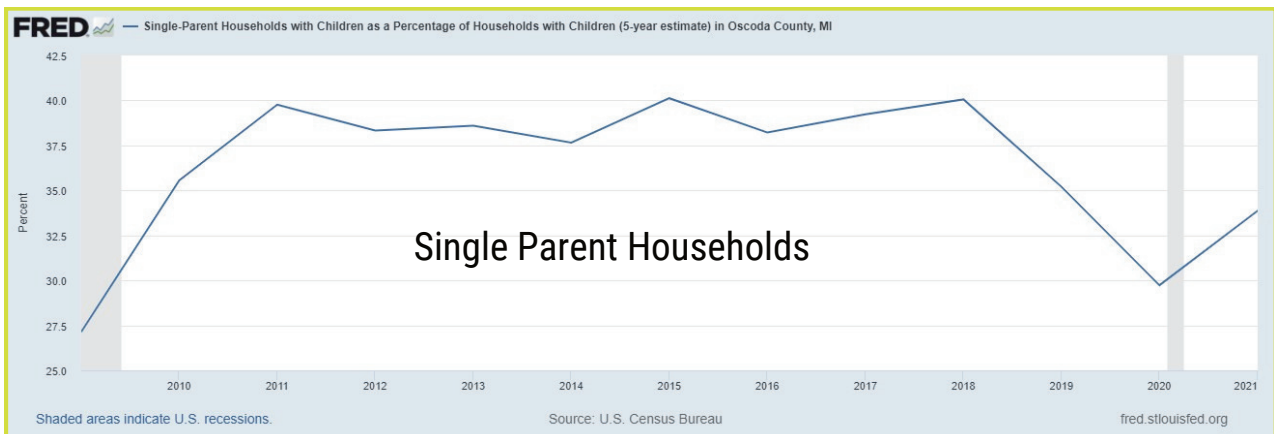
Foreign Born Residents



● Not a U.S. citizen ● Naturalized U.S. citizen ■ Foreign born



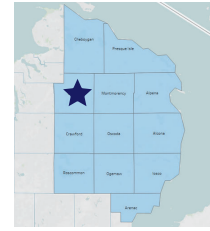
1,955
Oscoda County Residents,
23.8% of the Population,
Report a Disability



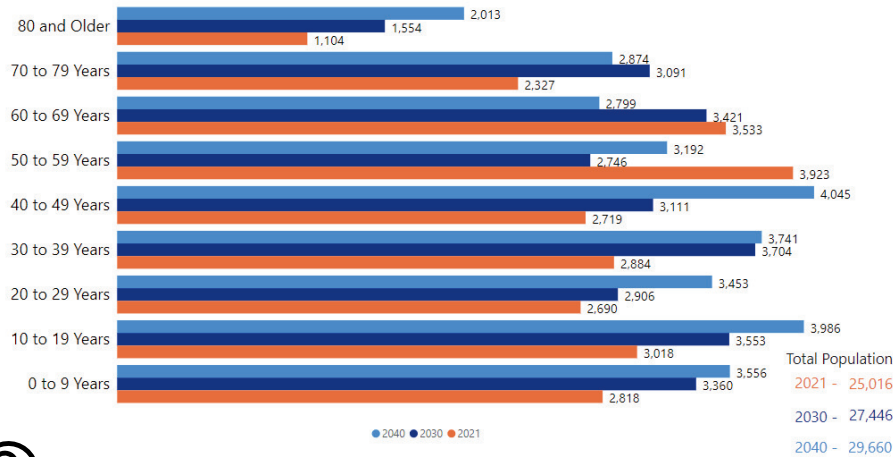
Otsego

Demographic Information

Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.



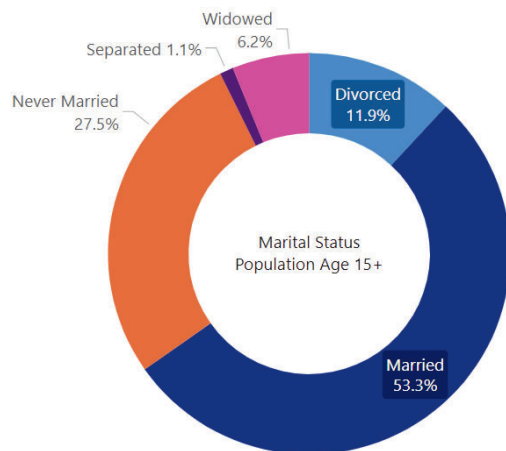
Otsego County Population Projections 2021 - 2040



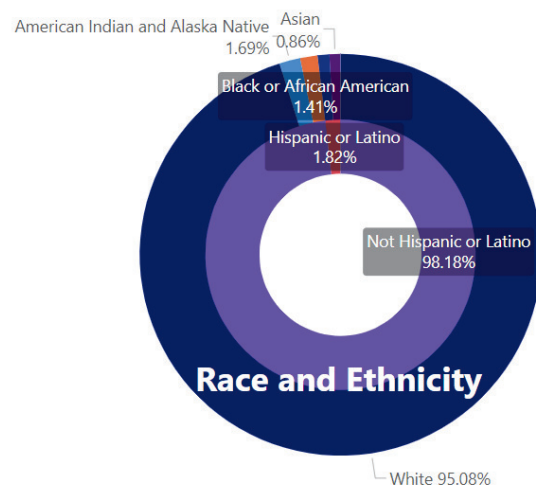
The population of Otsego County is projected to steadily increase overall. Otsego County appears to retain people as the increase of 0-19 year-olds correlates with the increase of 20-50 year-olds.



When traveling through Otsego County - keep an eye out - you may just spot an elk roaming around! Home to the 45th parallel, which is halfway between the equator and North Pole, Otsego County offers golf courses, skiing, camping and shopping. As the county continues to rebuild and recover from an EF-3 tornado that struck in May of 2022, residents have come together to bring their community back - better than ever.



Of those age 15+ in Otsego County, 53.4% are currently married, followed by never married at 18.9%.



The largest race and ethnicity groups were white, at 95% and Not Hispanic or Latino at 98%. Of the population, 0.97% reported Some Other Race.

Otsego

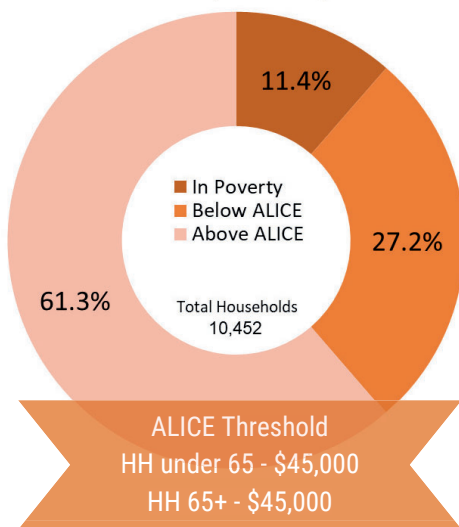
Economic Stability

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2021 Otsego County
Unemployment Rate:
6.8%

2021 NEMCSA Counties
Unemployment Rate:
7.5%

Households by ALICE Designation



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
30.4%

14.9% of
Households
Receive SNAP
Benefits

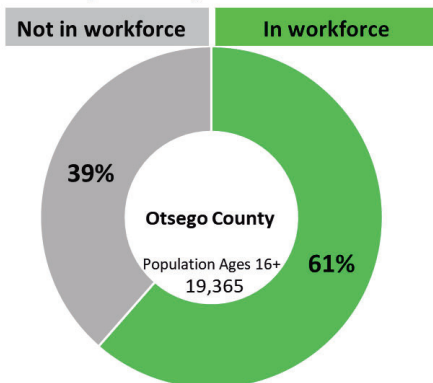
3.0% of
Households
Receive Cash
Assistance

5.2% of
Households
Receive SSI
Income

41.3% of
Households
Have Social
Security Income

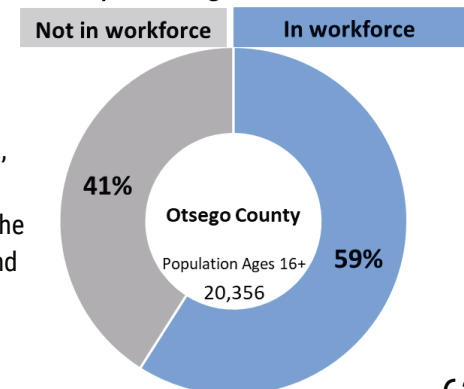
71.3% of
Households
Have Earned
Income

2011 Population Ages 16+ in the Workforce



Out of the NEMCSA service area, Otsego County has the highest percentage of those ages 16+ in the workforce in both 2011 at 61% and 2021 at 59%

2021 Population Ages 16+ in the Workforce



Otsego

Education Access and Quality

As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.

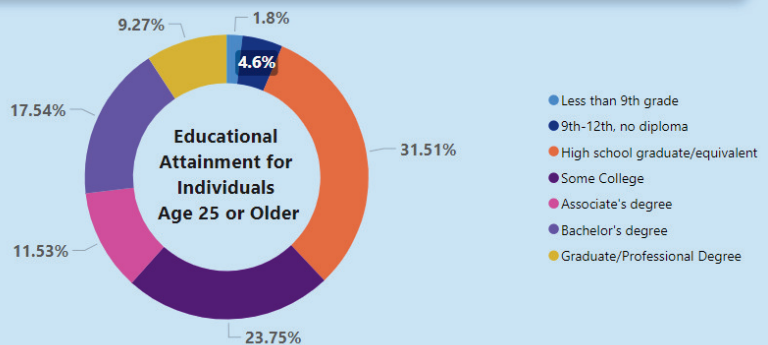
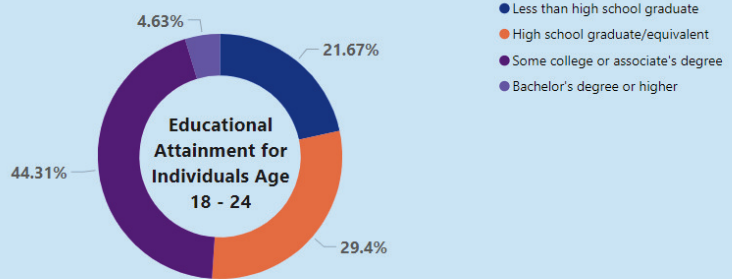


Intermediate School District

Cheboygan-Otsego-Presque Isle
Educational Service District

Total Public School Students
3,612

School District	Graduation Rate	Students per Teacher
Gaylord Community Schools	74%	18
Johannesburg-Lewiston Area Schools	90%	17
Vanderbilt Area School	<50%	12



NEMCSA Preschool/EHS

Students:

95

School Success Students:

353

High School Mascots:

Gaylord Blue Devils

Johannesburg-Lewiston Cardinals

Number of School Success Liaisons Supporting Students:

3

There are two public school systems in Otsego County, Gaylord Community Schools and the Johannesburg-Lewiston Area Schools. Of those age 25 and older, 31.51% were a high school graduate or equivalent and 38.34% had an Associate's Degree, Bachelor's Degree, or a Graduate/Professional Degree.



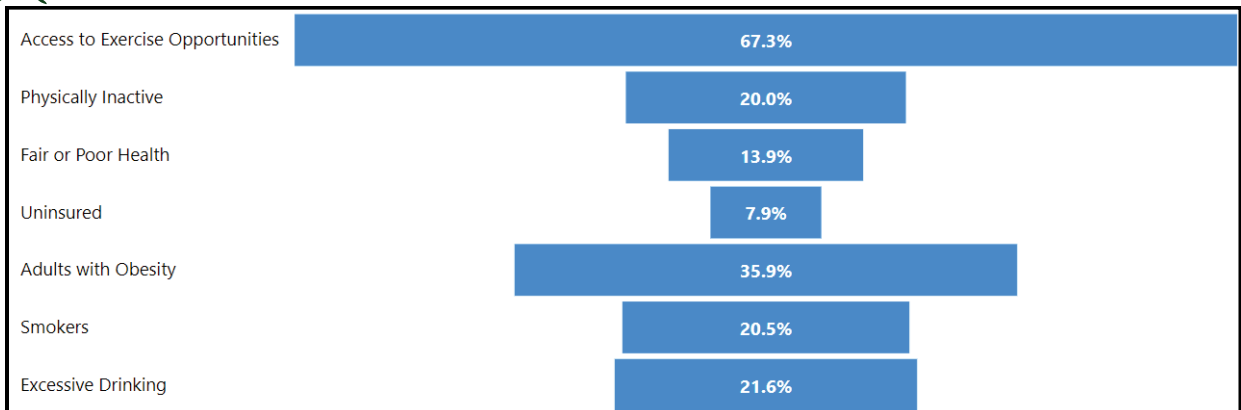
Otsego

Healthcare Access and Quality

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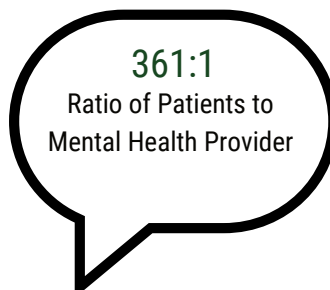
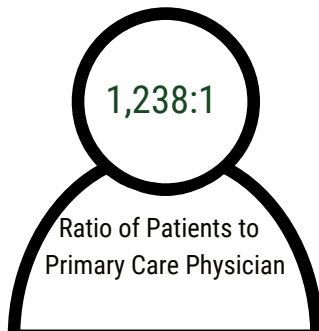


The chart below shows health indicators from the University of Wisconsin County, Population Health Institute Health Rankings. According to the Rankings, Otsego County ranked 45th out of 83 counties in terms of health indicators.



Average Teen Birth Rate: **22** per 1,000 15 to 19 year old females

The data below shows the ratios of certain providers to residents of Otsego County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



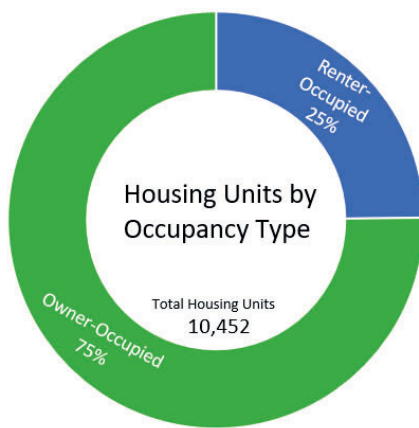
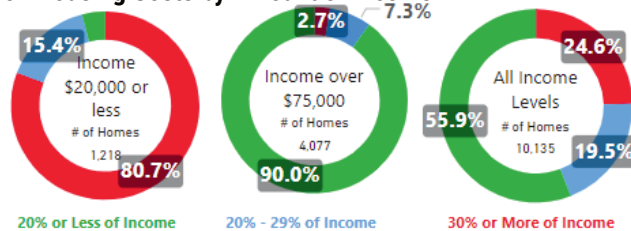
Otsego

Neighborhood and Built Environment

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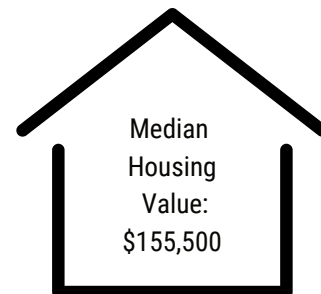
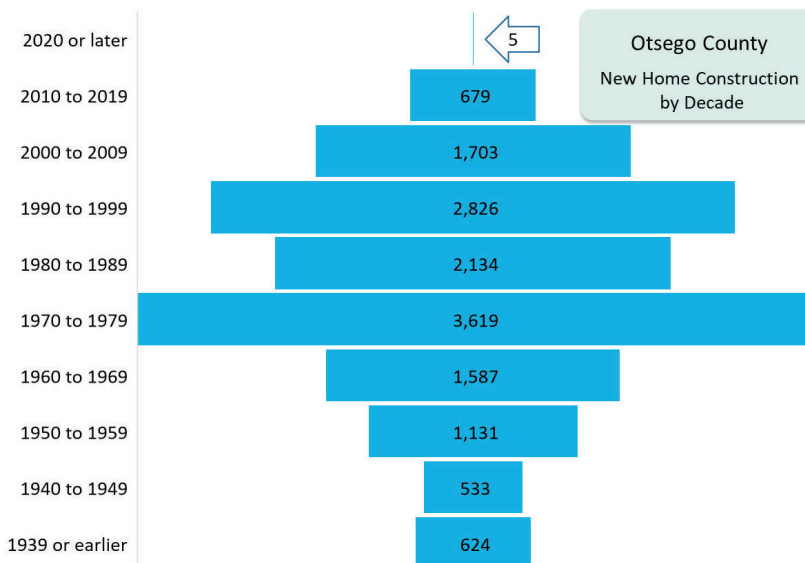
Percentage of Income Spent on Housing Costs by Amount of Income

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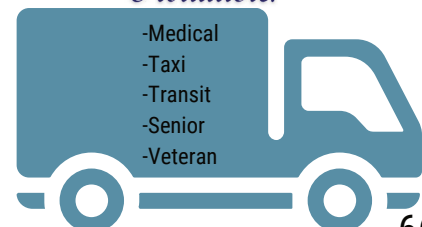


Heating Fuel	# of Homes	% of Homes
Utility gas	6,025	57.64%
Bottled, tank, or LP gas	2,109	20.18%
Wood	961	9.19%
Electricity	933	8.93%
Other fuel	211	2.02%
No fuel used	115	1.10%
Fuel oil, kerosene, etc.	84	0.80%
Solar energy	10	0.10%
Coal or coke	4	0.04%
Total	10,452	100.00%

In Otsego County, utility-gas was the heating source reported at 58%. Of the homes within the county, **115** were reported as having no fuel heat source.



Transportation Types Available:



In Otsego County, the largest decade for new construction was from 1970-1979. However, in terms of homes built before and after 1980, Otsego County shows 50% of the homes built before 1980, while 50% were built after 1980, showing a good mix of older and newer construction.

Otsego

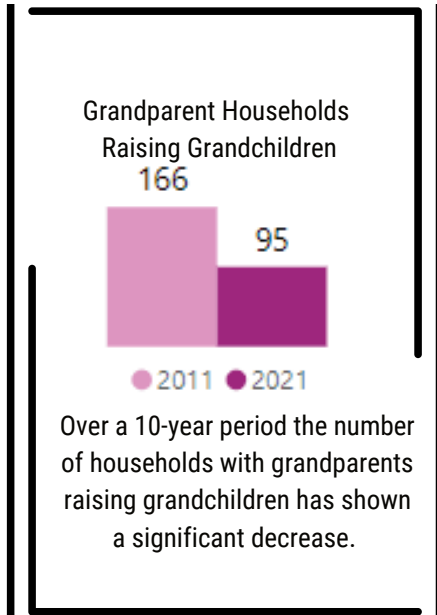
Social and Community Context

The support systems available within a community help those living in the community reach their fullest potential and receive services. However, it cannot just be community supports; household supports also play a role. According to Health People 2030, interactions and relationships a person has with family members, friends, co-workers, and community members can all play a role in the health of an individual.

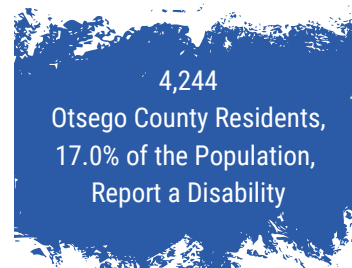
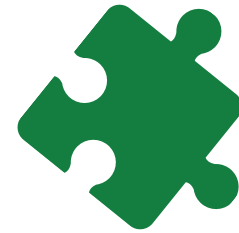
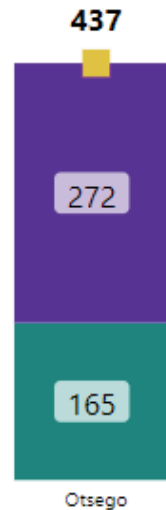


5 Alcohol - Induced Deaths

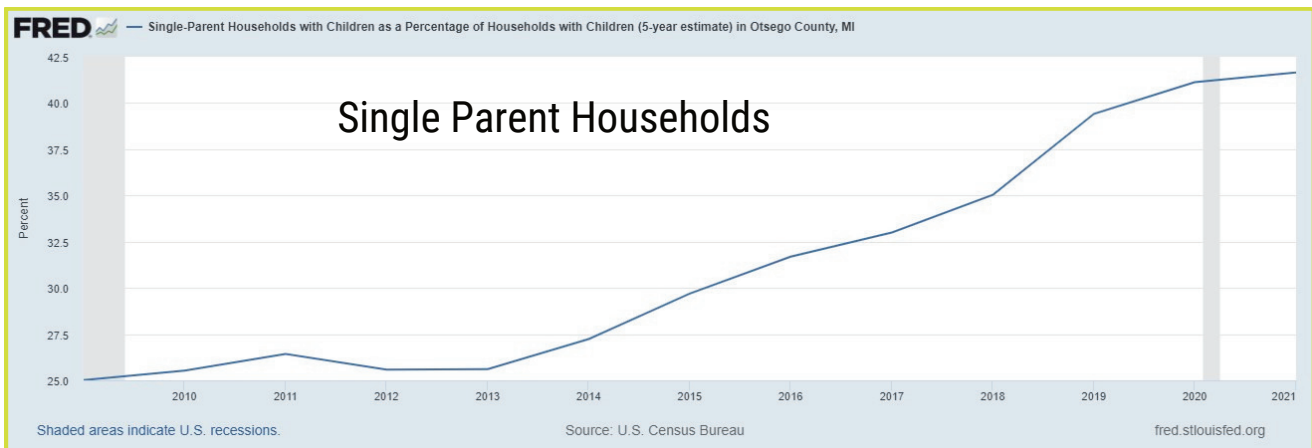
5 Drug - Induced Deaths



Foreign Born Residents



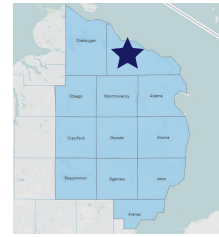
● Not a U.S. citizen ● Naturalized U.S. citizen — Foreign born



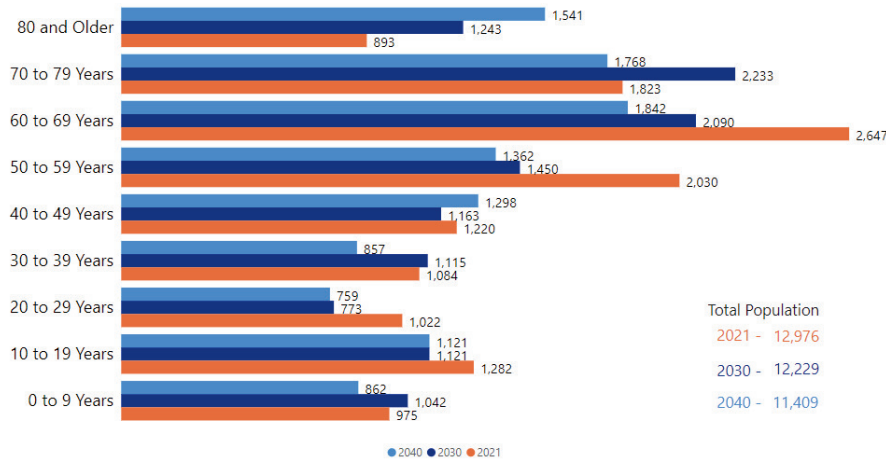
Presque Isle

Demographic Information

Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.



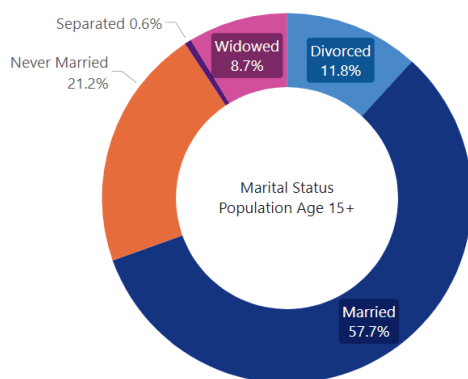
Presque Isle County Population Projections 2021 - 2040



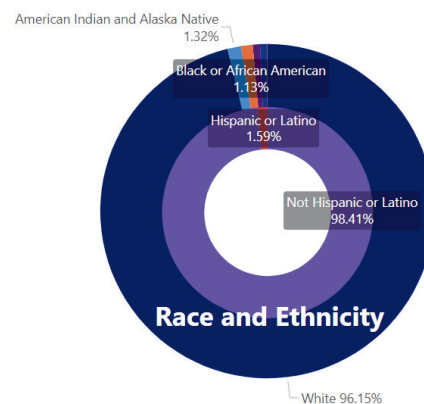
Population of 80+ nearly doubles. In 2040, nearly 14% of population will be over 80 years old and 29% of the population will be over 70. Only 24% of the population will be under 30 years old.



Presque Isle County is located on the northeast shore of Lake Huron and has 72 miles of shoreline. The county has three marinas, three lighthouses, and four state parks. Surprisingly, Presque Isle County is known for sinkholes due to karst formations and underground rivers. In addition, the County is home to The Ocqueoc Falls, the largest waterfall in the Lower Peninsula, and the world's largest open-pit limestone quarry.



Of those age 15+ in Presque Isle County, 57.8% are currently married, followed by never married at 21.2%.



The largest race and ethnicity groups were white, at 96% and Not Hispanic or Latino at 98%. In addition, both Asian and Some Other Race was 0.7% of the population.

Presque Isle

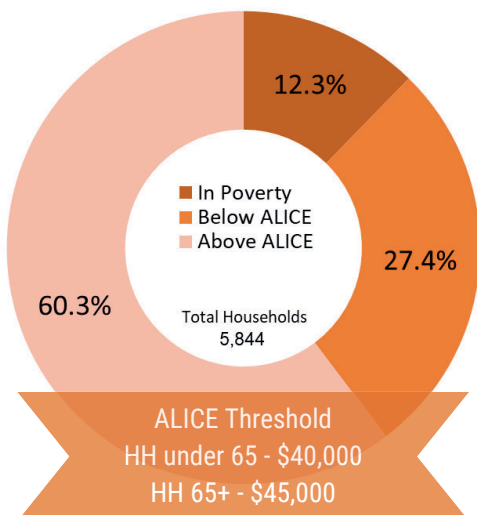
Economic Stability

Economic stability can be defined as the ability to access and afford resources that are essential to one's life and well-being. Healthy People 2030 identifies four key issues that make up the underlying factors for Economic Stability. They are employment, food insecurity, housing instability, and poverty. Each of these has their own effect on the community. An increase in unemployment for an area correlates to an increase in premature death and illness. In addition, health problems can be created by not having enough food or access to healthy foods, housing instability, and poverty.

2021 Presque Isle County
Unemployment Rate:
7.9%

2021 NEMCSA Counties
Unemployment Rate:
7.5%

Households by ALICE Designation



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
33.1%

10.6% of
Households
Receive SNAP
Benefits

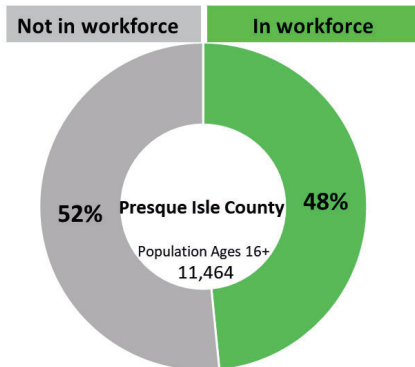
1.7% of
Households
Receive Cash
Assistance

7.4% of
Households
Receive SSI
Income

55.0% of
Households
Have Social
Security Income

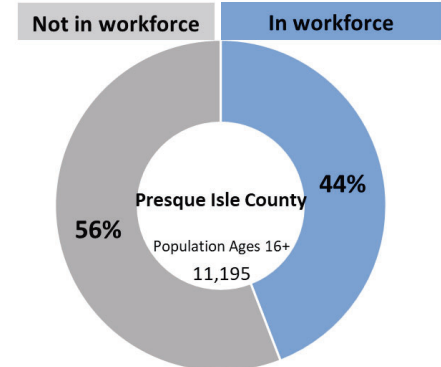
54.8% of
Households
Have Earned
Income

2011 Population Ages 16+ in the Workforce



Even though Presque Isle County only saw a 2% decrease in population from 2011 to 2021, the percentage of change of 16+ in the workforce was double that at a 4% decrease.

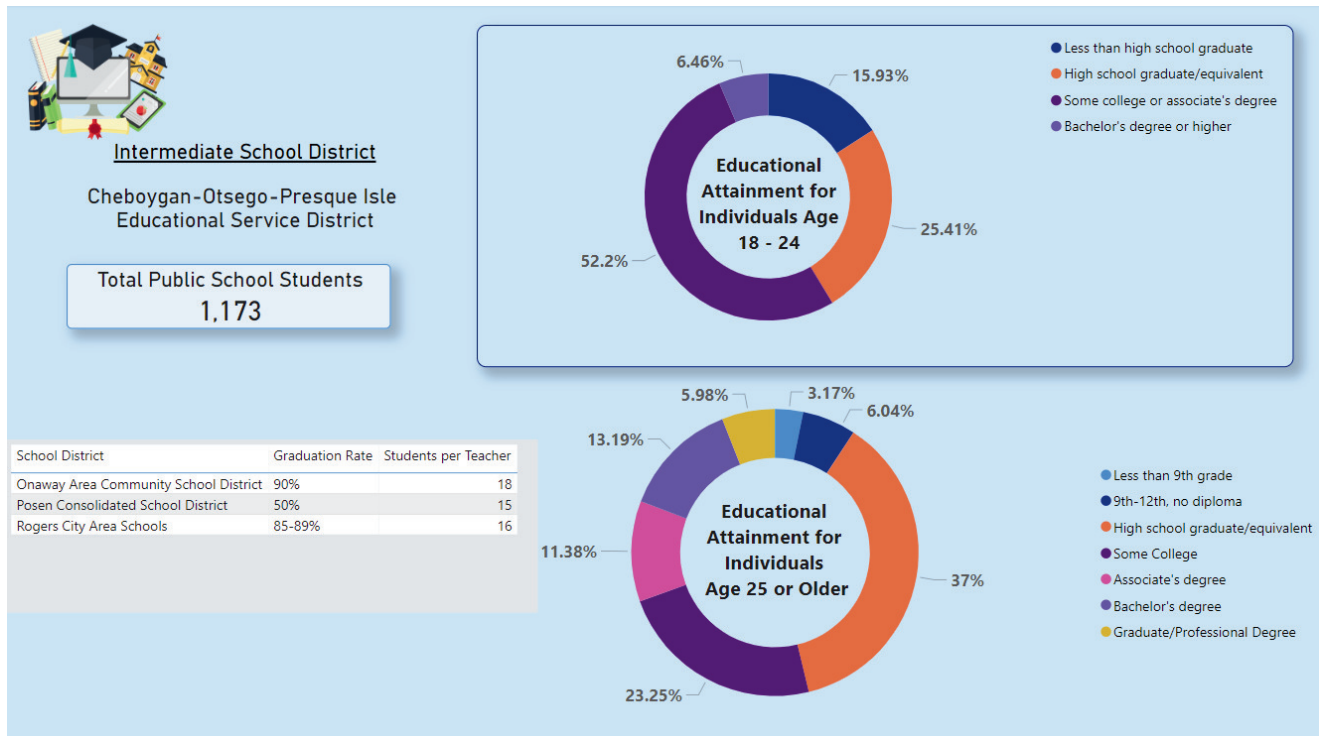
2021 Population Ages 16+ in the Workforce



Presque Isle

Education Access and Quality

As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.



NEMCSA Preschool/EHS
Students:
50

Number of School Success
Liaisons Supporting Students:
1

School Success Students:
112

High School Mascots:
Onaway Cardinals
Posen Vikings
Rogers City Hurons

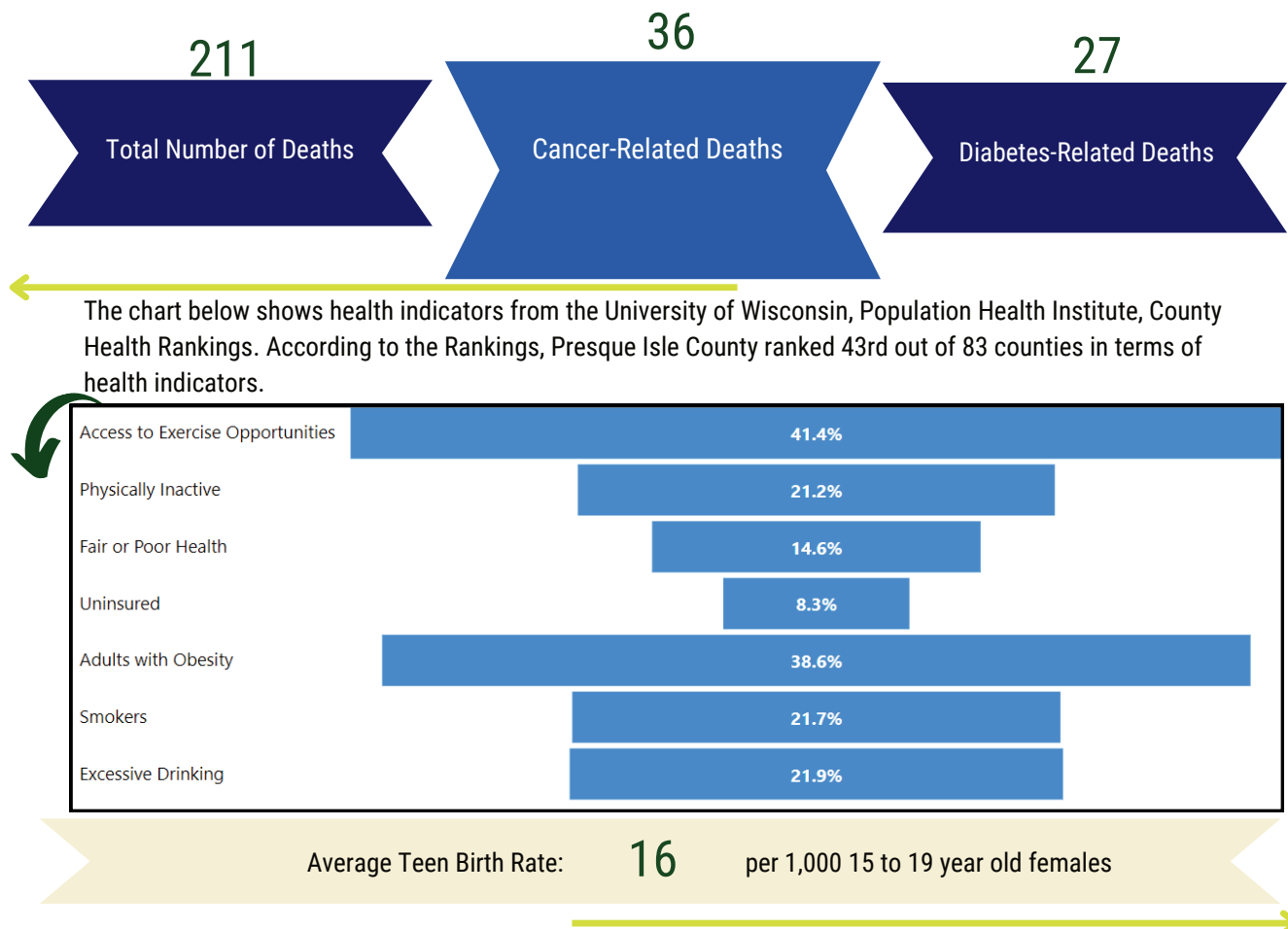
Presque Isle County has 1,173 students that attend 3 public school systems, Onaway Area Schools, Rogers City Area Schools, and Posen Consolidated School District. Of those age 25 and older, 37.00% were a high school graduate or equivalent and 30.55% had an Associate's Degree, a Bachelor's Degree or a Graduate/Professional Degree.



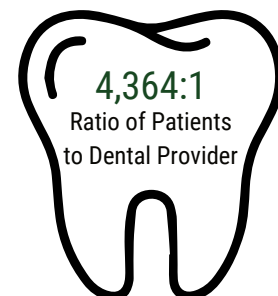
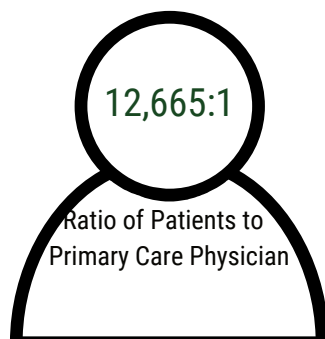
Presque Isle

Healthcare Access and Quality

With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.



The data below shows the ratios of certain providers to residents of Presque Isle County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



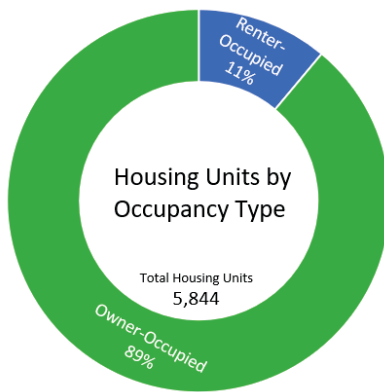
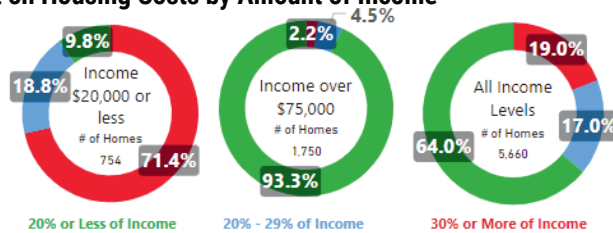
Presque Isle

Neighborhood and Built Environment

Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

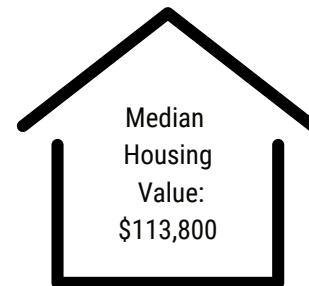
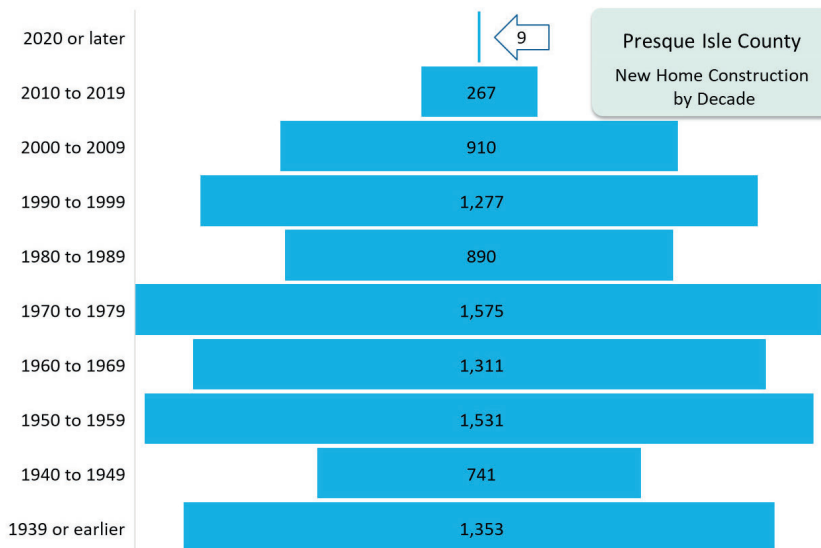
Percentage of Income Spent on Housing Costs by Amount of Income

Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.

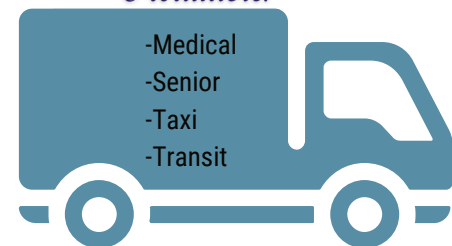


Heating Fuel	# of Homes	% of Homes
Utility gas	3,111	53.23%
Bottled, tank, or LP gas	1,389	23.77%
Wood	909	15.55%
Electricity	274	4.69%
Fuel oil, kerosene, etc.	100	1.71%
Other fuel	43	0.74%
No fuel used	18	0.31%
Coal or coke	0	0.00%
Solar energy	0	0.00%
Total	5,844	100.00%

Of homes in Presque Isle County, 53% of homes used utility-gas as the main heating source. Additionally, 18 homes were reported as having no fuel heat source.



Transportation Types Available:

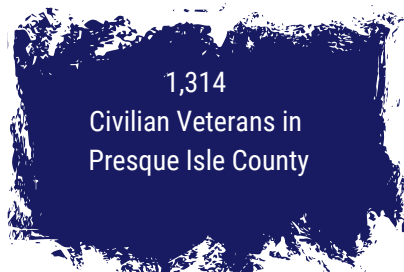


For Presque Isle County, 66% of the existing homes were built before 1980, meaning, these homes will be at least 50 years old in 2030. Additionally, 50% of the homes were built before 1970, leading to a larger older home inventory.

Presque Isle

Social and Community Context

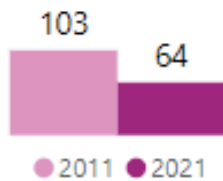
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2 Alcohol - Induced Deaths

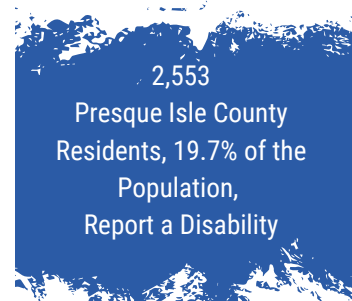
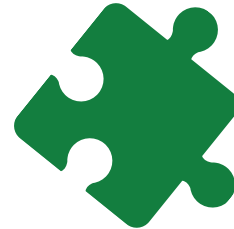
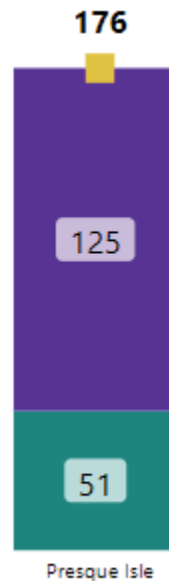
3 Drug - Induced Deaths

Grandparent Households Raising Grandchildren

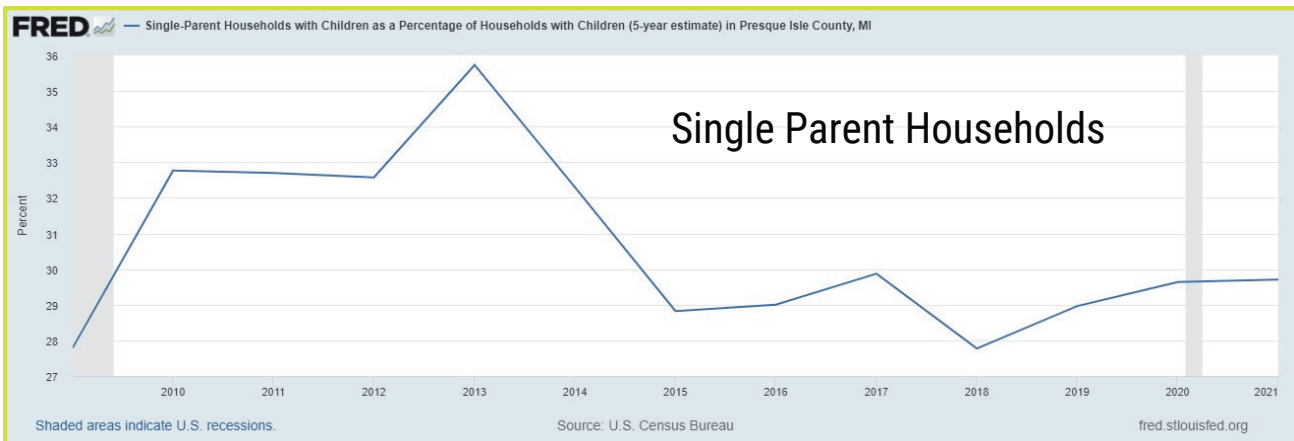


Over a 10-year period the number of households with grandparents raising grandchildren decreased by 39 households from 103 to 64.

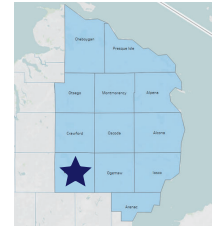
Foreign Born Residents



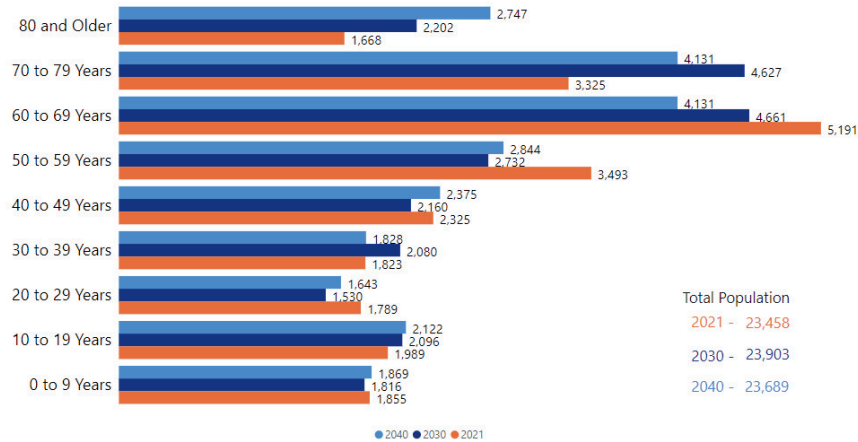
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Demographics are the data that show a wide variety of factors within a community or specific group/population. They can be used to identify needs and gaps; and make certain generalizations about groups. Some of the most common demographics include age, sex, income level, race, employment, location, homeownership, and level of education - all of which are shared at various points within this report.



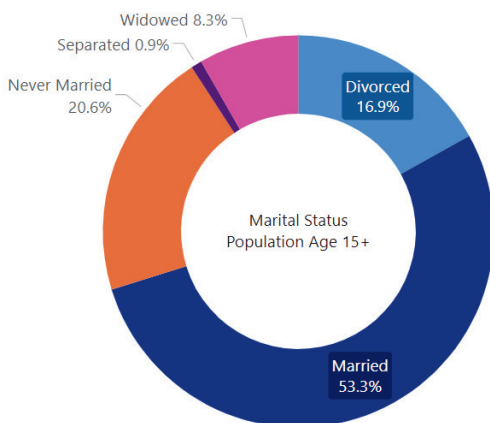
Roscommon County Population Projections 2021 - 2040



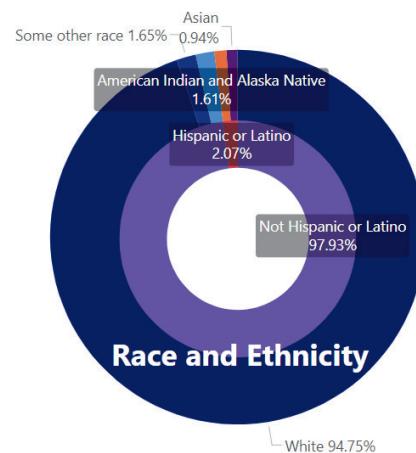
Roscommon County shows a pretty consistent population, without a lot of change over time. In 2021, 58% of the population is over age 50. In 2040 58% of the population is over age 50.



Roscommon County is home to Houghton Lake, which is the largest inland lake in Michigan in terms of surface area. In addition, Higgins Lake is home to two popular state parks and has been called one of the most beautiful lakes in the world. The Michigan State Fireman's Memorial is also located in the County and stands to thank those who have dedicated their lives to protecting and serving communities.



Of those age 15+ in Roscommon County, 53.3% are currently married, followed by never married at 20.6%.



The largest race and ethnicity groups were white, at 95% and Not Hispanic or Latino at 98%. In addition, 1.09% of the population was Black or African American.

Roscommon

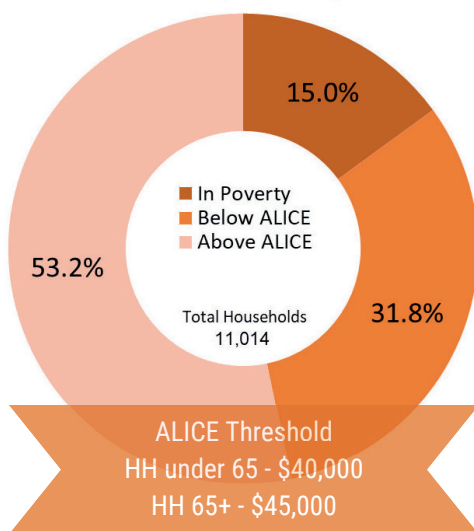
Economic Stability

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2021 Roscommon County
Unemployment Rate:
9.6%

2021 NEMCSA Counties
Unemployment Rate:
7.5%

Households by ALICE Designation



ALICE (Asset Limited, Income Constrained, Employed) is the term used to describe households making more than the Federal Poverty Level but less than what is needed to make ends meet. According to the United Way, ALICE households:

- Span all races, ages, ethnicities, and abilities, and households of color are disproportionately ALICE.
- Include workers whose wages cannot keep up with the rising costs of goods and services.
- Includes those working two or more jobs and cannot pay their bills.
- Include family members who need care and assistance.
- Live paycheck to paycheck.
- Are part of every community nationwide.

Population At or
Below 200%
Federal Poverty
Level:
38.1%

14.8% of
Households
Receive SNAP
Benefits

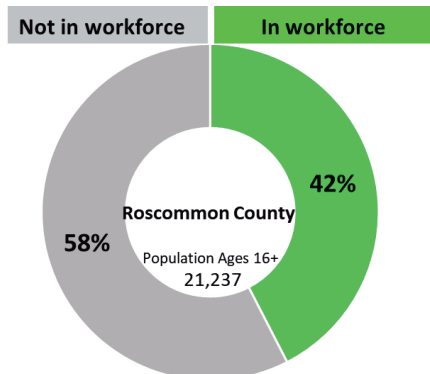
2.6% of
Households
Receive Cash
Assistance

7.6% of
Households
Receive SSI
Income

57.1% of
Households
Have Social
Security Income

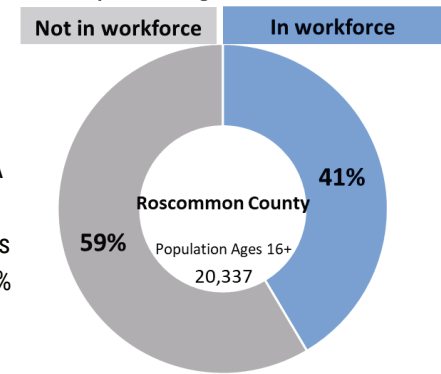
53.3% of
Households
Have Earned
Income

2011 Population Ages 16+ in the Workforce

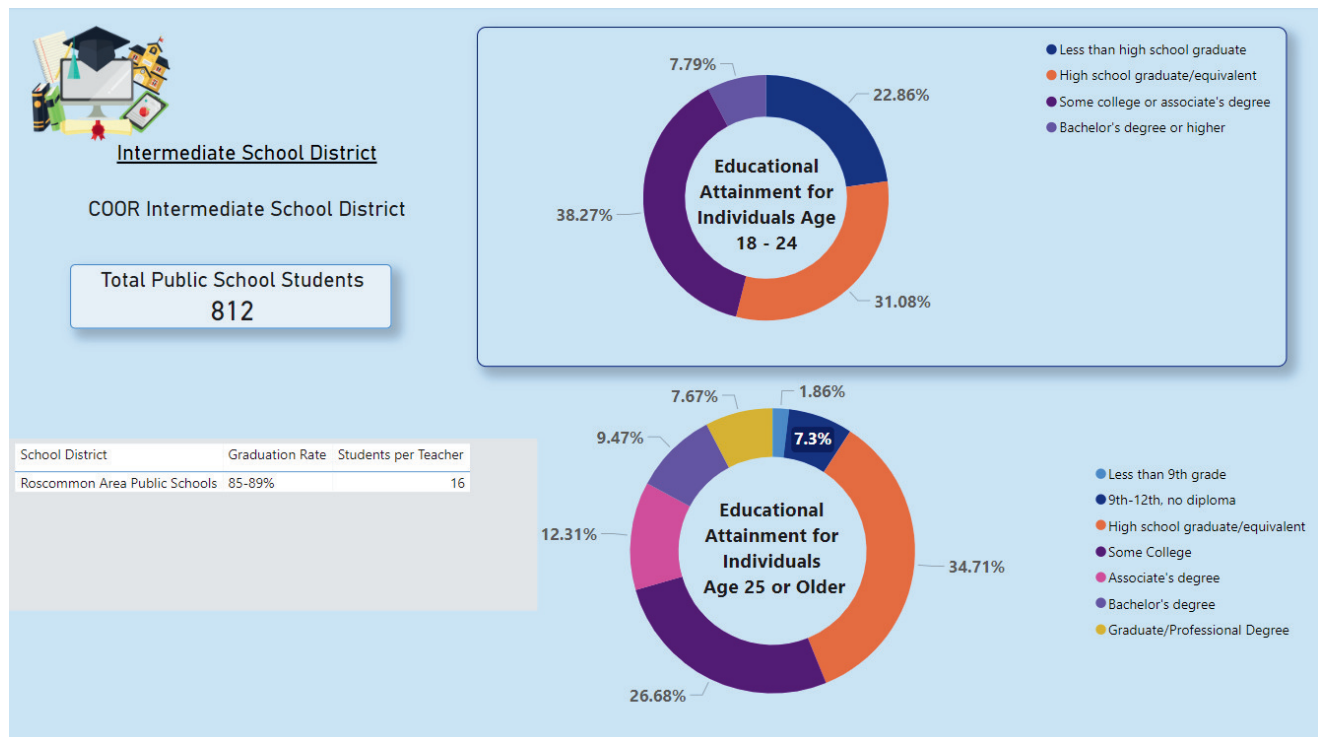


Of the counties within the NEMCSA Service Area, Roscommon County had one of the smallest percentages of those 16+ in the workforce at 42% in 2011 and 41% in 2021.

2021 Population Ages 16+ in the Workforce



As per Healthy People 2030, individuals with higher levels of education are more likely to lead healthier and longer lives. The quality and depth of education imparted to an individual can have a lasting impact. Additionally, Healthy People 2030 highlights that children who belong to low-income households, experience social discrimination, or have a disability are likely to face difficulties with reading and math, making it harder to graduate high school or attend college. It's worth noting that external factors like poverty can also adversely impact a child's educational outcome.



NEMCSA Preschool/EHS
Students:
0

Number of School Success
Liaisons Supporting Students:
1

School Success Students:
46

High School Mascot:
Roscommon Bucks

Roscommon Area Public Schools serve the 812 students within Roscommon County. Of those age 25 and older, 34.71% were a high school graduate or equivalent and 29.45% had either an Associate's Degree, Bachelor's Degree, or a Graduate/Professional Degree.



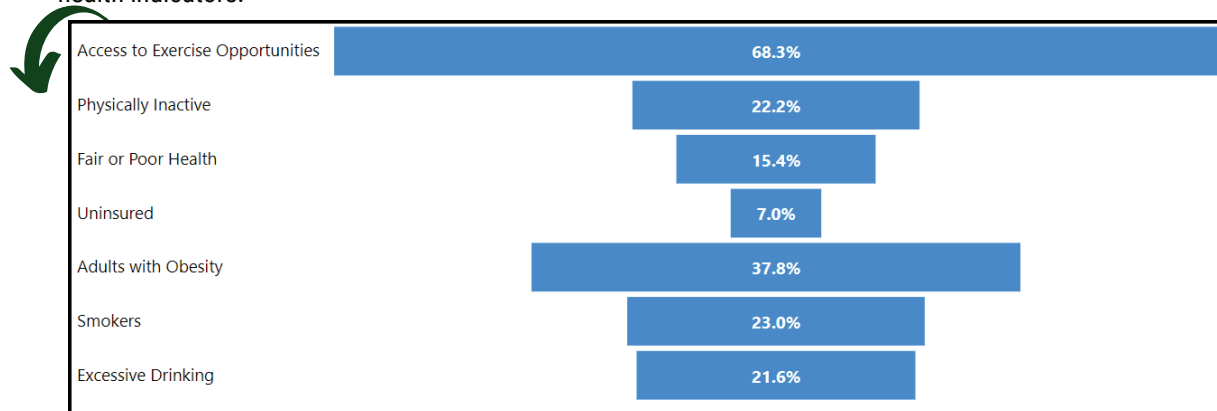
Roscommon

Healthcare Access and Quality

With a lack of specialty medical providers within the service area being identified as a Top Five need in the NEMCSA 2022 Community Needs Assessment, the availability of, and access to, medical care helps to paint the picture of the health of the community. Cradle-to-grave care, preventative screenings, insurance status, specialty care, distance to a provider, and the quality of care given all influence the health of a community. Data on this page came from the County Health Rankings and Roadmaps published in 2023, as well as data from Michigan Health Statistics.

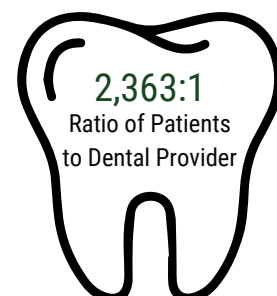
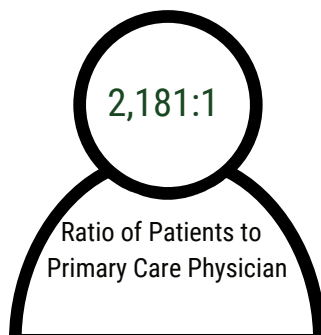


The chart below shows health indicators from the University of Wisconsin Population Health Institute County Health Rankings. According to the Rankings, Roscommon County ranked 71st out of 83 counties in terms of health indicators.



Average Teen Birth Rate: **27** per 1,000 15 to 19 year old females

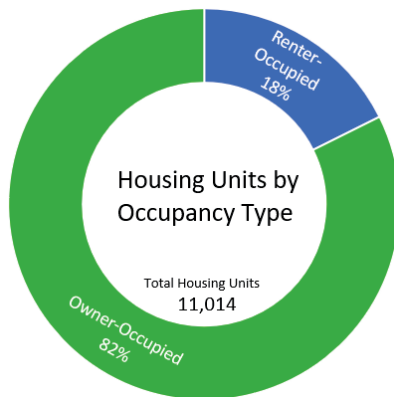
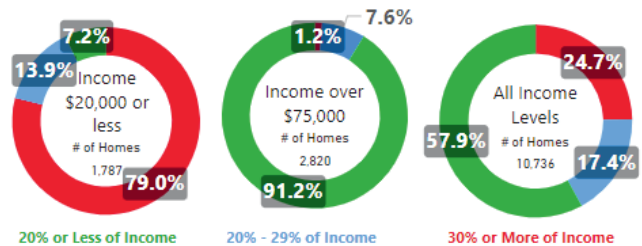
The data below shows the ratios of certain providers to residents of Roscommon County. These numbers provide a background for the lack of specialty medical providers being identified as a top five need within the NEMCSA 2022 Community Needs Assessment.



Neighborhoods function as a residence, workplace, worship center, and recreational space, as well as the birthplace and aging site for many. The neighborhood where an individual resides has a significant impact on their overall health and well-being, as per Healthy People 2030.

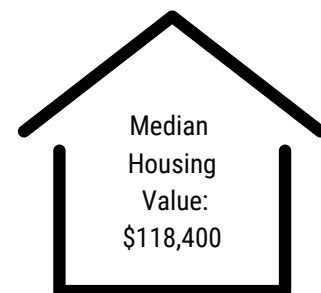
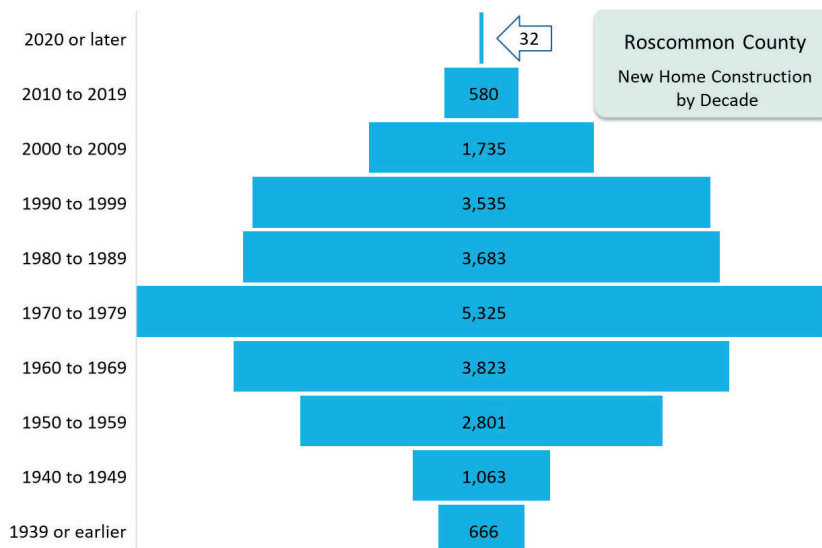
Percentage of Income Spent on Housing Costs by Amount of Income

Housing costs contain a variety of factors as outlined by the US Census. The data shows that the lower a person's income, the more likely they were to spend 30% or more of their income on housing costs.

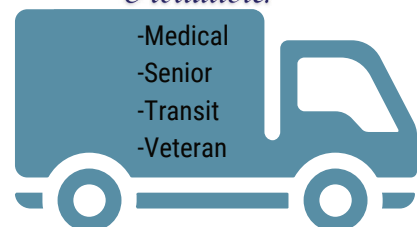


Heating Fuel	# of Homes	% of Homes
Utility gas	7,443	67.58%
Bottled, tank, or LP gas	1,823	16.55%
Electricity	795	7.22%
Wood	714	6.48%
Other fuel	179	1.63%
Fuel oil, kerosene, etc.	32	0.29%
No fuel used	28	0.25%
Coal or coke	0	0.00%
Solar energy	0	0.00%
Total	11,014	100.00%

Roscommon County homes were heated mostly by utility-gas at 68%. Additionally, 28 homes were reported as having no fuel heat source.



Transportation Types Available:



In Roscommon County, 59% (13,678) of homes were built before 1980, leaning towards an older existing home inventory for the county. After 1980, a total of 9,565 (41%) of homes were built within Roscommon County.

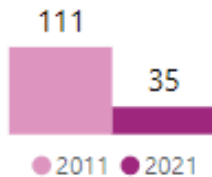
The support systems available within a community help those living in the community reach their fullest potential and receive services. However, it cannot just be community supports; household supports also play a role. According to Health People 2030, interactions and relationships a person has with family members, friends, co-workers, and community members can all play a role in the health of an individual.

2,253
Civilian Veterans in
Roscommon County

17 Alcohol - Induced Deaths

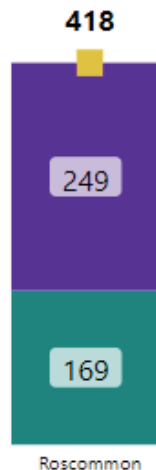
10 Drug - Induced Deaths

Grandparent Households
Raising Grandchildren



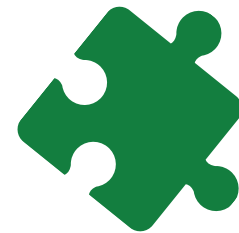
Over a 10-year period the number of households with grandparents raising grandchildren dropped significantly from 111 to 35 households.

Foreign Born Residents

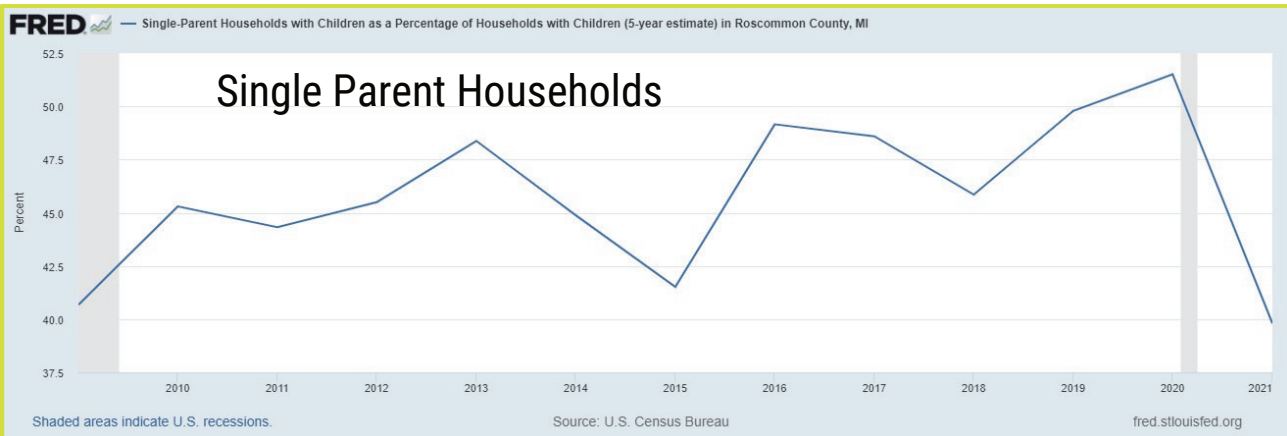


Roscommon

● Not a U.S. citizen ● Naturalized U.S. citizen ● Foreign born



5,696
Roscommon County Residents,
24.3% of the Population,
Report a Disability



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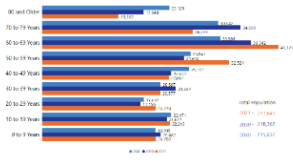
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Appendix A – Methodology for Data Visualizations

DEMOGRAPHIC INFORMATION

NEMCSA 12-County Population Projections 2021 - 2040



POPULATION PROJECTIONS 2021-2040

Values for 2030 and 2040

Agency: Michigan Department of Technology, Management & Budget (DTMB)

Resource: Michigan Labor Market Information

Website: <https://milmi.org/datasearch/POPPROJ>

Fields: 2030 and 2040 projections

Methodology: Entire dataset was downloaded; ages were bracketed and aggregated by county and the values for 2030 and 2040 were included.

Values for 2021

Agency: United States Census Bureau

Resource: American Community Survey 5-year estimates 2021

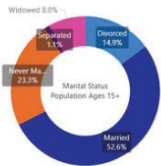
Table ID: S0101

Topics: Age and Sex

Website: <https://data.census.gov/>

Fields: Total Population

Methodology: Dataset for age and population was downloaded with the total population for each county bracketed into the same categories as 2030 and 2040. 2021 Census data was utilized instead of 2020 DTMB data to provide consistent data vintage of 2021 throughout the report.



MARITAL STATUS FOR POPULATION AGES 15+

Agency: United States Census Bureau

Resource: American Community Survey 5-year estimates 2021

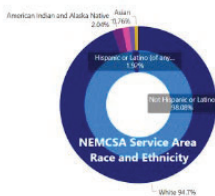
Table ID: S1201

Topics: Marital Status

Website: <https://data.census.gov/>

Fields: Population 15 years and over, Now married (except separated), Widowed, Divorced, Separated, Never married

Methodology: Data was presented as percentages of totals. For each category, percentage was multiplied by population 15 years and over, those totals were used to generate the donut chart.



RACE AND ETHNICITY

Agency: United States Census Bureau

Resource: American Community Survey 5-year estimates 2021

Table ID: DP05

Topics: Age and Sex

Website: <https://data.census.gov/>

Race

Category: Race alone or in combination with one or more other races

Fields: White, Black or African American, American Indian and Alaska Native, Asian, Native Hawaiian and Other Pacific Islander, Some other race

Note: When summed up, the values within these fields do not equal the total population listed under “Race alone or in combination with one or more other races” this would be due to individuals reporting under more than one category.

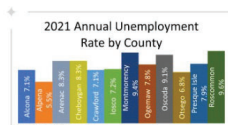
Ethnicity

Category: Hispanic or Latino and Race

Fields: Hispanic or Latino (of any race), Not Hispanic or Latino

Methodology: Data was aggregated by category and presented as parts of the total for the donut charts. Therefore, under Race, the percentages may not be exact as some individuals would be counted within multiple categories. The number of individuals is statistically insignificant.

ECONOMIC STABILITY



UNEMPLOYMENT RATE BY COUNTY

Agency: U.S. Bureau of Labor Statistics

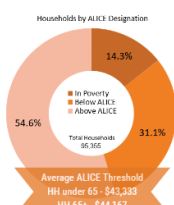
Resource: Local Area Unemployment Statistics

Table: County Tables – Labor force data by county, 2021 annual averages

Website: <https://www.bls.gov/lau/tables.htm#cntyaa>

Fields: Unemployment Rate, Labor Force, Unemployed

Methodology: Unemployment rates were put into a table used to generate a column chart labeled with each county's rate. This same information was repeated within each county for their appropriate rate. To obtain the service area rate the total labor force was divided by the total unemployed.



HOUSEHOLDS BY ALICE DESIGNATION

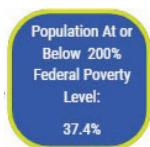
Agency: United for ALICE

Resource: Research Center * Michigan

Website: <https://www.unitedforalice.org/michigan>

Fields: Poverty Households, ALICE Households, Above ALICE Households, ALICE Threshold – HH under 65, ALICE Threshold – HH 65 years and over

Methodology: The data sheet was downloaded for Michigan. Results were filtered for NEMCSA counties. The three fields were compiled, and data was presented as a percentage of the total households which was generated by adding the three categories together. The values from the two ALICE threshold amounts were averaged for the NEMCSA service area reporting and reported by county on each page.



POPULATION AT OR BELOW 200% FEDERAL POVERTY LEVEL

Agency: United States Census Bureau

Resource: American Community Survey 5-year estimates 2021

Table ID: S1701

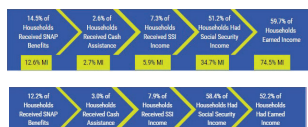
Topics: Income and Poverty

Website: <https://data.census.gov/>

Category: All individuals with income below the following poverty ratios

Fields: Population for whom poverty status is determined, 200 percent of poverty level

Methodology: The number in 200 percent of poverty was divided by the population for whom poverty status is determined to obtain the percentage at or below 200 percent of federal poverty level. For the 12-county service area data, these two fields were summed across all counties prior to dividing.



HOUSEHOLD INCOME SOURCES

Agency: United States Census Bureau

Resource: American Community Survey 5-year estimates 2021

Table ID: DP03

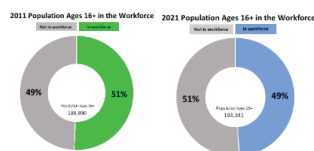
Topics: Income (Households, Families, Individuals)

Website: <https://data.census.gov/>

Category: Income and Benefits (In 2021 Inflation-Adjusted Dollars)

Fields: With earnings, With Social Security, With retirement income, With Supplemental Social Security Income, With cash public assistance income, With Food Stamps/SNAP benefits in the past 12 months

Methodology: Number of households reporting the income source were divided by total number of households to determine the percentage of households with the specified category of income as a source. For the agency-wide page, the rate for the entire state of Michigan was provided as a benchmark to compare the 12-county service area to the remainder of the State.



POPULATION AGES 16+ IN THE WORKFORCE

Values for 2011

Agency: United States Census Bureau

Resource: American Community Survey 5-year estimates 2011

Table ID: DP03

Topics: Employment and Labor Force Status

Website: <https://data.census.gov/>

Category: Employment Status

Fields: Population 16 years and over, In labor force

Methodology: Population in the labor force was compared to the total population ages 16 years or over and value was represented as a percentage.

Values for 2021

Agency: United States Census Bureau

Resource: American Community Survey 5-year estimates 2021

Table ID: DP03

Topics: Employment and Labor Force Status

Website: <https://data.census.gov/>

Category: Employment Status

Fields: Population 16 years and over, In labor force

Methodology: Population in the labor force was compared to the total population ages 16 years or over and value was represented as a percentage.

EDUCATION ACCESS AND QUALITY



NUMBER OF INTERMEDIATE SCHOOL DISTRICTS, TOTAL PUBLIC SCHOOL STUDENTS, NUMBER OF PUBLIC SCHOOL DISTRICTS

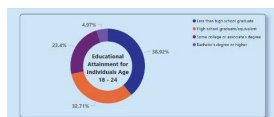
Website: <https://www.k12academics.com/national-directories/school-district/Michigan>

Each county was viewed, and the school districts listed were added to an excel worksheet.

Website: <https://www.publicschoolreview.com/michigan/>

Each school district identified on the k12academics website was searched. The Quick Stats (2023-24) data was entered into the same excel worksheet.
Fields: Enrollment, Student:Teacher Ratio, Graduation Rate.
The Quick Stats reference: National Center for Education Statistics (NCES), MI Dept. of Education.

The excel worksheet was uploaded to Microsoft Power Bi and data was aggregated and analyzed by county and where possible, agency wide.



EDUCATIONAL ATTAINMENT FOR INDIVIDUALS AGE 18-24

Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Subject Tables

Table ID: S1501

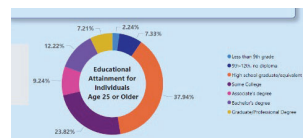
Topics: Educational Attainment

Website: <https://data.census.gov/>

Category: Population 18 to 24 years

Fields: Less than high school graduate, High school graduate (includes equivalency), Some college or associate's degree, Bachelor's degree or higher

Methodology: Data was compiled for each county by fields indicated and presented as a percentage of the total population ages 18 to 24 years. The 12-county service area data was aggregated by field and presented as a percentage of the total population ages 18 to 24 years.



EDUCATIONAL ATTAINMENT FOR INDIVIDUALS AGE 25 OR OLDER

Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Subject Tables

Table ID: S1501

Topics: Educational Attainment

Website: <https://data.census.gov/>

Category: Population 25 years and over

Fields: Less than 9th grade, 9th to 12th grade (no diploma), High school graduate (includes equivalency), Some college (no degree), Associate's degree, Bachelor's degree, Graduate or professional degree

Methodology: Data was compiled for each county by fields indicated and presented as a percentage of the total population age 25 or older. The 12-county service area data was aggregated by field and presented as a percentage of the total population age 25 or older.

HEALTHCARE ACCESS AND QUALITY

MICHIGAN HEALTH STATISTICS

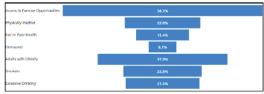
Website: <https://www.michigan.gov/mdhhs/inside-mdhhs/statisticsreports/vitalstats/mortality>

Table: Total

Menu: *Mortality Statistics* + then *Numbers by County* +

Methodology: Data was pulled for the categories of Total deaths, Alcohol-Induced Deaths, Drug-Induced Deaths, Cancer deaths and Diabetes deaths. This data was compiled into an excel worksheet, reported by county, and aggregated for the Service area.





COUNTY HEALTH RANKINGS & ROADMAPS 2023

Website: <https://www.countyhealthrankings.org/explore-health-rankings/michigan/data-and-resources>

Category: Ranked Measure Data

Fields: % Fair or Poor Health, % Smokers, % Adults with Obesity, % Physically Inactive, % With Access to Exercise Opportunities, % Excessive Drinking

Methodology: Report data for Michigan was downloaded and filtered for counties included within the report and put into an Excel table. The table was uploaded to Microsoft Power Bi to create visualizations. Percentage rates were provided for all data.

Average Teen Birth Rate: 23.75 per 1,000 15 to 19 year old females

TEEN BIRTH RATES

Website: <https://www.countyhealthrankings.org/explore-health-rankings/michigan/data-and-resources>

Category: Ranked Measure Data

Fields: Teen Birth Rate

Methodology: Report data for Michigan was downloaded and filtered for counties included within the report and put into an Excel table. The table was uploaded to Microsoft Power Bi to create visualizations. Rate per 1,000 females aged 15-19 was provided by the data, this number was provided by county. To provide the average for the service area these values were added together and divided by 12.



NUMBER OF PRIMARY CARE PHYSICIANS, DENTISTS, AND MENTAL HEALTH PROVIDERS

Website: <https://www.countyhealthrankings.org/explore-health-rankings/michigan/data-and-resources>

Category: Ranked Measure Data

Fields: # Primary Care Physicians, # Dentists, # Mental Health Providers

Methodology: Report data for Michigan was downloaded and filtered for counties included within the report and put into an Excel table. The table was uploaded to Microsoft Power Bi to create visualizations. Values for each county were added to determine total for the service area.



RATIO OF PRIMARY CARE PHYSICIANS, DENTISTS, AND MENTAL HEALTH PROVIDERS

Website: <https://www.countyhealthrankings.org/explore-health-rankings/michigan/data-and-resources>

Category: Ranked Measure Data

Subcategory: Primary Care Physicians Ratio, Dentist Ratio, Mental Health Provider Ratio

Fields: # Primary Care Physicians, # Dentists, # Mental Health Providers

Methodology: Report data for Michigan was downloaded and filtered for counties included within the report and put into an Excel table. The table was uploaded to Microsoft Power Bi to create visualizations. Values for each county were provided within the data.

NEIGHBORHOOD AND BUILT ENVIRONMENT

PERCENTAGE OF INCOME SPENT ON HOUSING COSTS BY AMOUNT OF INCOME

Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Data Profiles

Table ID: DP04

Topics: Financial Characteristics; Heating and Air Conditioning (HVAC); Year Structure Built; Telephone, Computer, and Internet Access



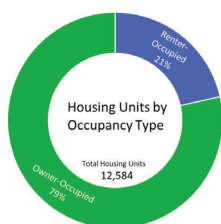
Website: <https://data.census.gov/>

Categories: Selected Monthly Owner Costs as a Percentage of Household Income (SMOCAPI), Gross Rent as a Percentage of Household Income (GRAPI)

Subcategories: Housing units with a mortgage (excluding units where SMOCAPI cannot be computed), Housing unit without a mortgage (excluding units where SMOCAPI cannot be computed), Occupied units paying rent (excluding units where GRAPI cannot be computed)

Fields: Less than 20.0 percent, 20.0 to 24.9 percent, 25.0 to 29.9 percent, 30.0 to 34.9 percent, 35.0 percent or more

Methodology: Data was compiled for each county by categories, subcategories, and fields indicated. Fields were aggregated into three categories: 20% or Less of Income, 20% - 29% of Income, and 30% or More of Income. These totals were analyzed through three lenses: for those with an annual income of \$20,000 or less, those with an annual income of \$75,000 or more, and across all income levels. This is presented as three donut charts showing percentage of households within each income bracket and their relative spending on housing costs. For the service area data, the same method was utilized but all the individual county data was first added together before analyzing in the same manner.



HOUSING UNITS BY OCCUPANCY TYPE

Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Data Profiles

Table ID: DP04

Topics: Financial Characteristics; Heating and Air Conditioning (HVAC); Year Structure Built; Telephone, Computer, and Internet Access

Website: <https://data.census.gov/>

Categories: Housing Tenure

Subcategories: Occupied Housing units

Fields: Owner-occupied, Renter-occupied

Methodology: Data was compiled for each county by categories, subcategories, and fields indicated. Field data was put into a table in Microsoft Excel, values for owner-occupied and renter-occupied are displayed as percentage of all occupied housing units. For service area data the values for each county were aggregated prior to analysis.

Heating fuel	# of Homes	% of Homes
Utility gas	7,443	67.58%
Bottled, tank, or LP gas	1,823	16.55%
Electricity	795	7.22%
Wood	714	6.48%
Other fuel	179	1.63%
Fuel oil, kerosene, etc.	32	0.29%
No fuel used	28	0.25%
Coal or coke	0	0.00%
Solar energy	0	0.00%
Total	11,014	100.00%

HEATING FUEL SOURCE BY COUNTY

Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Data Profiles

Table ID: DP04

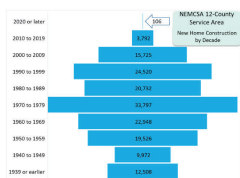
Topics: Financial Characteristics; Heating and Air Conditioning (HVAC); Year Structure Built; Telephone, Computer, and Internet Access

Website: <https://data.census.gov/>

Categories: Housing Heating Fuel

Fields: Utility gas; Bottled, tank, or LP gas; Electricity; Fuel oil, kerosene, etc.; Coal or coke; Wood; Solar energy; Other fuel; No fuel used

Methodology: The value of each type of fuel for each county was put into a table and is displayed as a chart with columns indicating the number of homes with the fuel source and percentage of all homes with that as a fuel source. The value for number of homes that reported no heating fuel source is highlighted on each page.



Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Data Profiles

Table ID: DP04

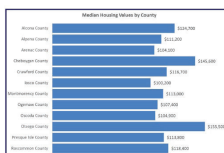
Topics: Financial Characteristics; Heating and Air Conditioning (HVAC); Year Structure Built; Telephone, Computer, and Internet Access

Website: <https://data.census.gov/>

Categories: Year Structure Built

Fields: Built 2020 or later, Built 2010 to 2019, Built 2000 to 2009, Built 1990 to 1999, Built 1980 to 1989, Built 1970 to 1979, Built 1960 to 1969, Built 1950 to 1959, Built 1940 to 1949, Built 1939 or earlier

Methodology: Data was compiled for each county by categories, and fields indicated. Field data was put into a pivot table in Microsoft Excel, the word “Built” was removed from all data labels and a funnel chart showing the data values by county was created. For the service area the data was aggregated across counties and shared.



Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Data Profiles

Table ID: DP04

Topics: Financial Characteristics; Heating and Air Conditioning (HVAC); Year Structure Built; Telephone, Computer, and Internet Access

Website: <https://data.census.gov/>

Categories: Value

Subcategory: Owner-occupied units

Fields: Median (dollars)

Methodology: Data was compiled for each county by categories, and fields indicated. Field data was put into a pivot table in Microsoft Excel, a cluster bar pivot chart was created to show the value by county for the service area page and each county's value is displayed inside of a housing graphic on the appropriate county page.



TRANSPORTATION TYPES AVAILABLE

Agencies: Northeast Michigan Community Service Agency (NEMCSA), McLaren Physician Group

Resources: NEMCSA Resource Guide, McLaren Resource Guide

Websites: NEMCSA - <https://www.nemcsa.org/reports-data/resources-and-information.html>

McLaren - <https://www.mclaren.org/mclaren-physician-partners/patient-resources-mclaren-physician-partners>

Methodology: NEMCSA's Community Resource Coordinator verified resources listed in two resource guides available to the public to ensure that the transportation options were accurate.

SOCIAL AND COMMUNITY CONTEXT

DISABLED POPULATION

Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Data Profiles

Table ID: DP02

90,484 Individuals,
20.8% of the Population,
report a Disability

Topics: Families and Living Arrangements

Website: <https://data.census.gov/>

Categories: Disability Status of the Civilian Noninstitutionalized Population, Ancestry

Subcategories: Total Civilian Noninstitutionalized Population, Ancestry

Fields: With a disability (under Total Civilian Noninstitutionalized Population), Total Population (under Ancestry)

Methodology: Data was compiled for each county by categories, subcategories, and fields indicated. With a disability was reported as both a number and as a percentage of the total population. The values reported under the service area were aggregated for all counties.



VETERAN POPULATION

Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Data Profiles

Table ID: DP02

Topics: Families and Living Arrangements

Website: <https://data.census.gov/>

Categories: Veteran Status

Fields: Civilian veterans

Methodology: Data was compiled for each county by field indicated. Civilian veterans were reported as a value for each county and were aggregated to report total civilian veterans for the service area.

3 Alcohol - Induced Deaths

3 Drug - Induced Deaths

MICHIGAN HEALTH STATISTICS - ALCOHOL AND DRUG INDUCED DEATHS

Website: <https://www.michigan.gov/mdhhs/inside-mdhhs/statisticsreports/vitalstats/mortality>

Table: Total

Menu: *Mortality Statistics + then Numbers by County +*

Methodology: Data was pulled for the categories of Total deaths, Alcohol-Induced Deaths, Drug-Induced Deaths, and Cancer deaths. This data was compiled into an excel worksheet, reported by county, and aggregated for the Service area.



SINGLE PARENT HOUSEHOLDS

Website: <https://fred.stlouisfed.org/release/tables?eid=359828&rid=412>

Methodology: Data was retrieved from FRED Economic Data which provided the single parent household data by county. Each county page was visited and the graph was downloaded and included on the county page. Below is the explanation for how the graphs were created from the FRED site.

Source: [U.S. Census Bureau](https://www.census.gov/)

Release: Single Parent Households with Children

Units: Percent, Not Seasonally Adjusted

Frequency: Annual

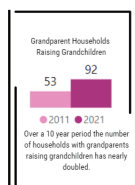
The single-parent household rate is calculated as the sum of male and female single-parent households with their own children who are younger than 18-years of age divided by total households with their own children who are younger than 18-years of age (ACS 5-year variables S1101_C03_005E, S1101_C04_005E, and S1101_C01_005E respectively from table S1101).

Multiyear estimates from the American Community Survey (ACS) are "period" estimates derived from a data sample collected over a period of time, as opposed to "point-in-time"

Multiyear estimates require some considerations that single-year estimates do not. For example, multiyear estimates released in consecutive years consist mostly of overlapping years and shared data. The 2010-2014 ACS 5-year estimates share sample data from 2011 through 2014 with the 2011-2015 ACS 5-year estimates. Because of this overlap, users should use extreme caution in making comparisons with consecutive years of multiyear estimates.

Grandparents Raising Grandchildren by County 2011 to 2021

County	2011	2021
Alameda	158	210
Alameda	52	64
Contra Costa	258	127
Colusa	155	193
El Cerrito	140	150
Marin	43	73
Mendocino	80	145
Nevada	27	68
Placer	165	205
Stanislaus	65	105
Yuba	45	65



2011 Data

Resource: American Community Survey 5-year Estimates Data Profiles 2011

Topics: Families and Living Arrangements

Categories: Grandparents

Methodology: Data was compiled for each county by field indicated and was reported as a value for each county. County values were aggregated to report totals for the service area.

Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Data Profiles 2021

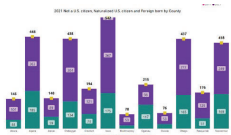
Topics: Families and Living Arrangements

Website: <https://data.census.gov/>

Categories: Grandparents

Fields: Responsible for grandchildren

Methodology: Data was compiled for each county by field indicated and was reported as a value for each county. County values were aggregated to report totals for the service area.



2021 NOT A U.S. CITIZEN, NATURALIZED U.S. CITIZEN AND FOREIGN BORN BY COUNTY

Agency: United States Census Bureau

Resource: American Community Survey 5-year Estimates Data Profiles 2011

Table ID: DP02

Topics: Families and Living Arrangements

Website: <https://data.census.gov/>

Categories: U.S. Citizenship Status

Fields: Foreign-born population, Naturalized U.S. citizen, Not a U.S. citizen

Methodology: Data was compiled for each county by field indicated and was reported as a value for each county. County values were aggregated to report totals for the service area. Not a U.S. citizen and Naturalized U.S. citizen were utilized in a stacked column chart to show that they equaled the total of Foreign-born population. The label for Foreign-born population was shortened to Foreign-born for the visualization.

