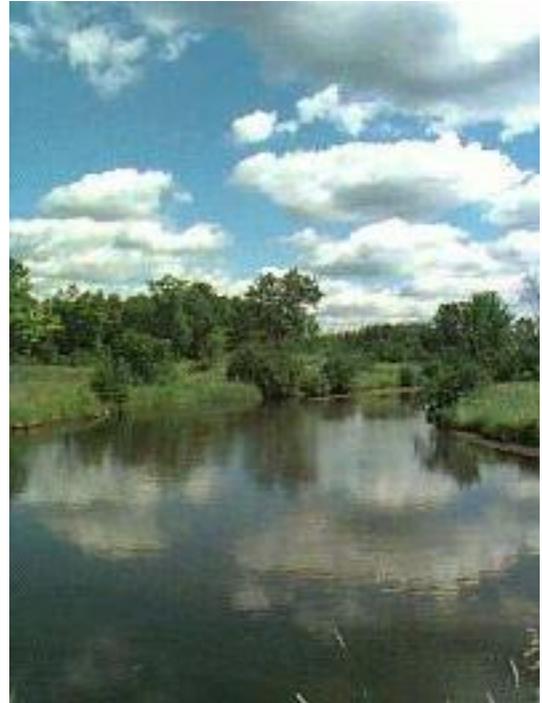


NEWAYGO COUNTY COMMUNITY PROFILE

Newaygo County

Named after Chippewa Indian Chief Naw-wa-goo, who was a signer on the treaty of Saginaw in 1812, Newaygo County is located “in the heart of the Muskegon River Valley” in the west central part of Michigan’s Lower Peninsula. Newaygo County is composed largely of rural residential and national forest and is traversed by M-20, M-37, and M-82. According to the U.S. Census Bureau, the county has a total area of 861 square miles and is the 36th largest in the state. The county seat is located in White Cloud. With 234 natural lakes and 356 miles of rivers and streams, tourism, along with agriculture and manufacturing, are the primary drivers of the Newaygo County economy. The Muskegon River continues to be the main attraction for summer cottage residents and fishermen, who find it nearly the best source anywhere in Michigan for steelhead in the spring and salmon in the fall. Newaygo County offers many opportunities for hunting, fishing, camping, canoeing, and boasts an impressive recreational trail system contained within the Manistee National Forest.



Historical Overview

Establishment and Early Growth

Settlement of the area began in 1836 when Michel Charleau, a French Fur Trader, took a group of Chicago businessmen interested in land and timber up the Muskegon River. When they reached the banks of what is now known as the City of Newaygo, the party observed the great expanse of white pines. Determining the area would provide a good business opportunity, they established claims on the junction of the Muskegon River and the mouth of a creek which they named Pennoyer Creek. Soon plans were developed for the first saw mill on Pennoyer Creek, thus launching the first permanent settlement in the County. On September 1, 1837, Pennoyer Mill was complete and began operation, floating lumber to Muskegon on rafts then shipping the lumber to Chicago. The lumber boom soon followed in the late 1800’s, significantly impacting the physical and cultural landscape of Newaygo. Its location on the Muskegon River upstream from Muskegon, a major lumber town at the time, along with its proximity to vast amounts of timber, encouraged settlement of the area and ultimately put the county on the map.

The boundaries for Newaygo County were set in 1840, but being unorganized, it was attached to Kent County to the south. Newaygo County became a separate County and formally organized in 1851. During the first elections in 1851 the Probate Court, Sheriff, and Clerk's Offices were established. Jacob Barnhard was the first judge of probate court, James Berry was the first Sheriff, and Loyal Palmer was the first Clerk. During the 1855 elections the Treasurer, Prosecuting Attorney, and Surveyor's Offices were established. John Swartout was the first Treasurer, Edgar Gray was the first Prosecuting Attorney, and William Utley was the first Surveyor. The Drain Commissioners office was established in 1869 and the Judge of Circuit Court was established in 1876. Charles Carmichael was the first drain commissioner and Michael Brown was the first Judge of Circuit Court. The first marriage records were filed in the clerk's office in 1851, and the first birth and death records were filed in 1867.

Newaygo was the first County Seat and a brick courthouse was built in 1886. There are many legends and stories concerning the name chosen for the County. It is believed that the name was derived from an Ottawa Indian brave, Nah-way-go, who had a reputation for bravery and strength and was known for his courage on the battlefield. He was seen and admired by the area's first white settlers.

As the settlements grew, roads were constructed and in 1849, the first state road was built from Croton and Newaygo to Muskegon. In 1854, a state road was built from Newaygo to Grand Rapids and facilitated the construction of the Big Red Mill at Newaygo. The Grand Rapids, Newaygo, and Lake Shore Rail Road came to Newaygo in 1872, connecting the city with Grand Rapids. In 1875 the rail road was extended to White Cloud.

A group of settlers, led by Daniel Weaver, first settled in the Fremont area in 1855. The Weaver homestead served as the first post office and public school in the area. In November 1855, Fremont Township was established and named in honor of John C. Fremont, a western explorer and Republican Party candidate for US President. Weaver and his fellow settlers cleared the dense timber in order to farm. In the early 1870's, more immigrant families came to Fremont from the Holland and Muskegon areas, growing the Dutch community. Lumbering became a major industry and a railroad spur linked Fremont to the national rail network.

Settlement and growth came late to the future County Seat, White Cloud. Prior to 1870, there was no real growth. However, construction of the railroad in 1875 spurred new growth. When lumberman Wilcox and Morgan came to the area, there was already a settlement there, Alleyton, started by Mr. Alleyton. Wilcox and Morgan started a second settlement across the river called Morgan Station. In 1872, lumbering operations started on the White River and fast growth came to the area. At the request of the postal officials, Morgan Station was renamed White Cloud and in 1872, the Village was incorporated. Both settlements continued to grow and by 1882, they had 136 school age children. Alleyton grew larger and faster and was considered the more elegant of the two. By 1880, it had 550 residents, and 32 businesses.

In the southern portion of Newaygo County, Grant Center was established in 1882. During that year Andrew J. Squier built the first saw mill and a railroad station was built on the Pere Marquette Railroad.

Grant Center was incorporated in 1893, with the name shortened to Grant in 1899. The community was named after President and Civil War General Ulysses S. Grant. Similar to other communities within Newaygo County, Grant was centered around the lumbering industry. During the community's early years, 20,000 board feet of lumber and 30,000 shingles per day were shipped out of Grant. In 1885, Squier was producing 1,000,000 board feet of lumber per year. In 1872 and 1873, nine million feet of logs were shipped to Grand Rapids from Newaygo County, most of which came from the Ashland Station (2 miles south of present day Grant) at the rate of 100,000 a day.

Fire was extremely detrimental to early settlements in Newaygo County. In 1871, Fremont experienced a major forest fire that caused extensive damage, especially to the lumber mills. In 1883 a massive fire destroyed the City of Newaygo, leaving only two buildings standing. Soon thereafter, White Cloud became the County seat. On July 4, 1894, after already suffering from one fire, another struck, wiping out the Village of White Cloud. It was never rebuilt, and little remains to indicate its former existence.

When the lumbering era began in the early 1800's in Michigan, it was expected to last hundreds of years. However, within approximately fifty years, the vast softwood timber resources in the Lower Peninsula, including those in Newaygo County were harvested and the slash burned over more than once. Some believe that more logs were floated down the Muskegon River than any other river in the world. It is estimated that only one out of every three trees were actually harvested, the rest having been destroyed by forest fires. The forests and the soils were forever changed as a result of clear cutting, forest fires and farming.

By the early 1890's, with the vast timber resources depleted, lumbering moved out of the area. By the last quarter of the 19th century, some of the easier to drain wetlands were converted to farmland. In the early 20th century, Rice Lake in Grant Township was drained and its lakebed is now used for specialty crops. As the logging industry slowed and farming increased, a canning factory established in Fremont to market the produce, grew into a major enterprise known today as Gerber Products. With the lumbering era over, other industries began to replace the economic focus of the area. In 1898, the marl beds just north of Newaygo were acquired by D.L. Stivens of Newaygo Manufacturing Company and a group of Grand Rapids businessmen and a cement company was formed. By 1902, the first barrels were shipped.

Not all of the land that was originally settled was suitable for farming and many farms were later abandoned. Much of this land reverted to the Federal Government and today is managed as part of the Manistee National Forest. Today, the United States Forest Service owns approximately 108,000 acres or almost 20% of the County. Other farmland was purchased for recreational uses. Forest products from the second growth forests and recreation are the chief resources of the northern two-thirds of the County. In the southern third of the County, farming and industry has evolved. With some of the largest muck farms located in the eastern half of the County, Grant is known as the onion capital of the world. There are also significant apple and peach orchards. The County's two hydroelectric dams on the Muskegon River produce enough kilowatts of electricity to power a city of 23,000 people. Both Croton Dam and Hardy Dam are on the National Register of Historic Places. Croton was constructed in 1906-

07 and was the first hydro facility in the nation to use 110,000 volt transmission lines. Hardy went into service in 1931 and at the time was the tallest earthen dam in the world. Today it is still Michigan's tallest earthen dam and provides a 3,800 acre reservoir that is enormously popular for outdoor recreation. Newaygo County's three largest cities incorporate all these major uses. The City of Newaygo is known for its angling opportunities for chinook salmon, steelhead and brown trout, as well as boating, canoeing and kayaking. Fremont is the home of the world's leader in baby food, Gerber Products. White Cloud, with its motto emphasizing its recreation activities, "Where the North Begins and the Pure Water Flow" is the County Seat.

Notable Citizens and Events



Daniel Gerber (1873 - 1952) and Gerber Products

Gerber traces its origins to the Fremont Canning Company, a small packager of peas, beans, and fruits in rural Michigan begun by Frank Gerber and his father in 1901. At that time, Gerber also served as a partner in his father's tannery. When the tannery closed in 1905, Gerber focused all his efforts on building the canning company. By 1914 he had expanded his plant to permit year-round production. Three years later, with the death of his father, Gerber became president of the company and saw its sales exceed \$1 million for the first time. Following a brief postwar dip in profits, Fremont Canning experienced steady growth during the 1920s.



In 1927, Mrs. Gerber began hand-straining solid food for her seven-month-old daughter and suggested the work could be easily done at the Fremont Canning Company, where the Gerber family produced a line of canned fruits and vegetables. Experiments with strained baby foods began shortly thereafter, and Sally Gerber became the company's first baby food analyst. Soon workers in the plant requested samples for their babies.



By late 1928, strained peas, prunes, carrots and spinach, not to mention beef vegetable soup, were ready for the national market. At that time, national distribution was nearly unheard of, meaning that the foods would only be available in a few stores in every area of the country. To compensate, the Gerber's launched an advertising campaign featuring a coupon and the now-famous Gerber Baby. The ads appeared in publications from The Journal of the American Medical Association to Good Housekeeping. Grocers who had been skeptical were now placing orders by the dozen. Within six months, Gerber Baby Foods were on grocery store shelves across the nation.

In 1952, The Gerber Foundation was established and provided \$14,700 in support to various organizations that first year, including organizations such as the American Red Cross, Americas Future, 4-H Clubs, Boys and Girls Clubs, the United Negro College Fund, and the National Fire Protection Association, among others. Small grants were also awarded to various community agencies within those communities where Gerber Products Company had a presence. Since the Foundation has

provided millions of dollars to enhance the quality of life of infants and young children in nutrition, care, and development, remains as the guiding beacon for Foundation giving. Beginning in 1953, scholarships were provided to a wide variety of institutions across the United States as well as to dependents of Gerber Products Company Associates.

In addition to the Gerber Foundation, the Gerber Life Insurance Company was formed as a subsidiary of Gerber Products Company in 1967. It is one of the top direct-response marketing insurance companies and a leading producer of juvenile life insurance. As of today, Gerber Life Insurance Company has more than \$9 billion of life insurance in force and insures more than 2 million people throughout the United States and Puerto Rico.

By 1973, Gerber was the world's largest supplier of baby foods with sales of \$278 billion. Gerber also added non-baby food products to the company's line including lotions, vaporizers, toys, and Gerber Baby ware, an extensive line of shirts, socks, crib sheets, and other baby gear. Daniel Gerber is now listed as one of the Twentieth Century Great American Business Leaders.

William Herman Bolthouse (1915 - 2004) and Bolthouse Farms

In 1915, William's parents launched a small vegetable farm in Grant, Michigan. Once William graduated from High School in 1931, he began working on the family farm. William married Helen Adeline Humphreys on January 11, 1938. Shortly after their marriage, his father deeded that Grant farm to



William and Helen, which started one of the more successful agribusiness ventures in the United States.

From the very beginning the company was known for quality and innovation. Vegetable varieties were continually improved, and the company advanced from field packing celery to storing onions for off-season supply. Before long, local canneries relied on William Bolthouse for carrots, celery, spinach, and onions. These local canneries soon were companies like Gerber Products, The Campbell Soup Company, and H.J. Heinz. By 1950 Bolthouse Farms® was a leading supplier of Carrots with the green tops attached were the standard in the 1940's and 50's, but customers were interested in the added convenience of modern packaging. In 1954 William Bolthouse incorporated his business and in 1959 he built a fresh carrot cellophane packing facility. With quality recognized by customers, the company began marketing to the newly emerging chain stores and supermarkets. Even today the trade calls whole, bagged carrots "cellos!"

By the 1970's the chain stores and supermarkets had become reliant on the quality of Bolthouse carrots, but there was one problem— customers wanted fresh carrots year-round. William H. Bolthouse, began searching America for just the right location to harvest carrots every day. In 1972, he decided that Bakersfield, California had the right combination of sun, soil, and climate. Growing carrots in Bakersfield was anything but the "conventional wisdom" back then. To the surprise of many, the new packing plant grew quickly as customers enjoyed superior carrot quality in any season of the year.

In 1985 William H Bolthouse turns the company over to his son, William J. Bolthouse. According to the business research company, Hoover's, with 2,100 employees Bolthouse Farms is one of the United States' leading producers of carrots and is also a leading producer of super-premium refrigerated products. In 2005, the Bolthouse family sold the company to private equity firm Madison Dearborn Partners LLC, who owned the company until 2012 when Campbell Soup Company bought Bolthouse Farms for \$1.55 billion. The location in Grant, Michigan remained open until June of 2010.

Croton Dam

In 1904, the Croton Dam was commissioned by The Grand Rapids-Muskegon Power Company, a subsidiary of William A. Foote and James B. Foote's Jackson Electric Light Works. The Foote brothers were responsible for other hydroelectric projects in Michigan including the Trowbridge Dam on the Kalamazoo River, the Webber Dam on the Grand River, and the Rogers Dam on the Muskegon River.



The construction on the Croton Dam began in June of 1907. William D. Fargo was assigned to oversee the project as the Chief Engineer. Fargo had developed new methods for construction of earth embankment dams on foundations of soft soils, which made use of hydraulic sluicing. The Croton Dam is one of the earliest examples of the use of this technique east of the Mississippi River. The chief advantage of the hydraulic sluicing method was its cost. The total cost of constructing the 370-foot-long (110 m) embankment, which contained 104,000 cubic yards (80,000 m³) of material, was only \$7,076, or about 7 cents per cubic yard of material moved. Fargo also used this method to construct a fill of 20,000 cubic yards (15,000 m³) for a highway bridge crossing the Muskegon River immediately downstream from the dam. The fill Fargo built for the highway bridge approach cost roughly the same.

In order to achieve efficient power transmission over 50 miles (80 km) to Grand Rapids, a 100,000-volt high voltage line was built, then the highest-voltage transmission line in the world. Dr. Charles Steinmetz, the "wizard" of General Electric, visited the site and conducted tests on the transmission lines in 1908. The line voltage was increased to 110,000 volts in early 1909.



The plant and its 110,000 volt transmission line (the highest voltage used at that time) attracted international attention. Curious spectators rode excursion trains to the site, where they received a tour of the dam and powerhouse, as well as a grand dinner. When the plant went into full service in September 1907 it represented the latest advances in electrical generation and transmission. Engineers from Russia, England, France, Italy, Japan, and India came to tour the plant when it opened.

The Croton Hydroelectric Generating Dam has been in continuous operation since it opened in 1907. The 40 foot high dam impounds 7.2 billion gallons of water in its 1,209 acre reservoir. Currently owned and operated by Consumers Energy, the Croton Dam is capable of generating 8,850 kilowatts of electricity at peak outflow, enough to serve a community of about 6,000 residential customers. This facility is listed in the National Register of Historic Places.

Hardy Dam



Located in Big Prairie Township, the Hardy Hydroelectric Generating Dam is the third largest earthen-filled dam in the world, and the largest east of the Mississippi River. Its impoundment forms Michigan's largest inland lake with over 50 miles of shoreline and a reservoir of 4,000 acres. The Hardy Dam is capable of generating 30,000 kilowatts of electricity which is enough power to serve a

community of 16,600 people.

Constructed from 1929 to 1931, on a site once known as the Oxbow, the Hardy Hydroelectric Plant was built by Consumers Power Company. The plant was named for George Hardy, a partner in the firm that financed Consumers' projects from 1911 through 1928. The complex includes a Spanish Colonial Revival-style powerhouse and intake tower, an oil house, and a dormitory. It originally included four operator's houses on the eastern bank of the pond, which were Sears-Roebuck kit homes. Due to advancements in fossil fuel steam generating plants, this was the last conventional hydroelectric plant built by Consumers. The Hardy plant is listed in the National Register of Historic Places.



Location, Communities, and Proximity to Surrounding Cities

Newaygo County is located in the west central region of

Michigan's Lower Peninsula. The City of White Cloud, located in the center of Newaygo County, which is the county seat and the third largest city in Newaygo County with a population of 1,381. The other three Cities includes Fremont, located

in the south-west area of the county with the largest population of 4,128, Newaygo, located south-

Geography and Climate



central along the Muskegon River, with the second largest population of 1,689, and Grant, located in the southern most point of the county, with the smallest population of 850. Fremont, White Cloud, Newaygo, and Grant serve many of the needs of the county residents, however, the City of Grand Rapids (population 193,710) located approximately twenty five miles from the county's southern border, Big Rapids (population 10,313) located ten miles from the county's east boarder, and Muskegon (population 39,259), located approximately fifteen miles from the county's southwestern border, also serve as core communities.

City of Fremont



The City of Fremont is located along M-82 with the south half of the city located in Sheridan Township and the north half of the city located in Dayton Township, all which lie in the south west portion of Newaygo County. Known as the Baby Food Capital of the World, the city of Fremont has a rich history. Fremont was first settled and became a township in 1855. By the mid-1870s, the Gerber family moved to the area and opened a tannery. The city's history and economic growth have been intertwined with the family ever since. By the 1920s, the Gerber's founded a baby food company using the area's rich agricultural resources. Due to the presence of Gerber Foods and the proven demand for its products, Fremont experienced gradual, controlled growth throughout the 20th Century. Due to this progressive growth, the city has been able to provide and maintain public services when and where they were necessary.

According to *Michigan Works! West Central*, major employers in Fremont include:

- Spectrum Health Gerber Memorial Hospital (692 employees)
- Nestle Gerber Products Company (564 employees)
- Fremont Public Schools (417 employees)
- Meijer (350 Employees)
- Gerber Life Insurance (331 employees)
- Newaygo County Regional Educational Services Agency (331 Employees)
- MPH Trucking and Logistics (200 Employees)
- Wal-Mart Stores, Inc. (195 employees)
- Newaygo Medical Care Facility (160 Employees)
- Fremont Insurance (130 Employees)
- **Transitional Health Services (105 employees)**
- DURA Automotive Systems (104 employees)



City of Newaygo



The City of Newaygo is located at the junction of M-37 and M-82 with the east half of the city located in Brooks Township and the west half of the city located in Garfield Township, all which lie in the south-central portion of Newaygo County along the Muskegon River. The City of Newaygo is the oldest community in the County. The Penoyer and Brooks families were among the first settlers to Newaygo. They founded Newaygo's first saw mill known as the "Big Red Mill". The rail service came through Newaygo in 1873, connecting with metropolitan Grand Rapids, Chicago, and Detroit. In 1883 a massive fire destroyed Newaygo, leaving only two buildings standing. The architectural influence existing today is of the late Victorian style. The proximity of the Muskegon River was the driving force of Newaygo's early economy, with mills, lumbering, and recreation developing nearby. Although not as populated or geographically large as Fremont, this

area has seen steady growth in recent years due to easy access and close proximity to Grand Rapids. Major employers in Newaygo include:

- Magna Mirrors (1,000 employees)
- Newaygo Public Schools (321 employees)
- Bucher Hydraulics (262 Employees)
- GM Wood Products Inc (110 Employees)



The City of White Cloud



The City of White Cloud is located at the junction of M-37 and M-20 with the south half of the city located in Everett Township and the north half located in Wilcox Township, which is in the center of Newaygo County. White Cloud is the community seat and hosts all county government offices including County Administration, Central Dispatch, the Sheriff Department, Jail, Community Mental Health, Department of Human Services, and Emergency Services. Major employers include:

- County of Newaygo (288 employees)
- White Cloud Public Schools (207 employees)
- Harbison Walker International (120 employees)
- Family Health Care (98 employees)
- Newaygo County Department of Human Services (76 employees)

The City of Grant



The City of Grant is the smallest city in Newaygo County and home to one of the few remaining wooden water towers in the State of Michigan. Grant is located on M-37 in Newaygo County's southern townships of Ashland and Grant. The City is located on a major Michigan Highway that acts as a popular direct route for travel between Grand Rapids and Traverse City. Many of the city's residents commute to Grand Rapids, Muskegon, and Fremont for employment, making Grant a 'bedroom community.' Although the City limits are smaller than some surrounding communities, the Grant Area is the fastest growing area in Newaygo County. Grant Public Schools is the largest school district in Newaygo County with an enrolled student population of 2,217 students in 2011. In 2006, Family Health Care built a new facility on the corner of M-37 and State Street to service the Grant Community bringing prominent

healthcare professionals into the area. Farming is also a prominent employer in the area. With some of the largest muck farms located in the eastern half of the County, Grant is known as the onion capital of the world. There are also significant apple and peach orchards around the area. Major Employers in the area include:

- Grant Public Schools (316 employees)
- Gene's Family Market, 33 East State St (73 employees)
- Family Health Care (65 Employees)
- Wilbur Ellis (30 Employees)
- Quality Finishing Systems (25 Employees)



The Village of Hesperia

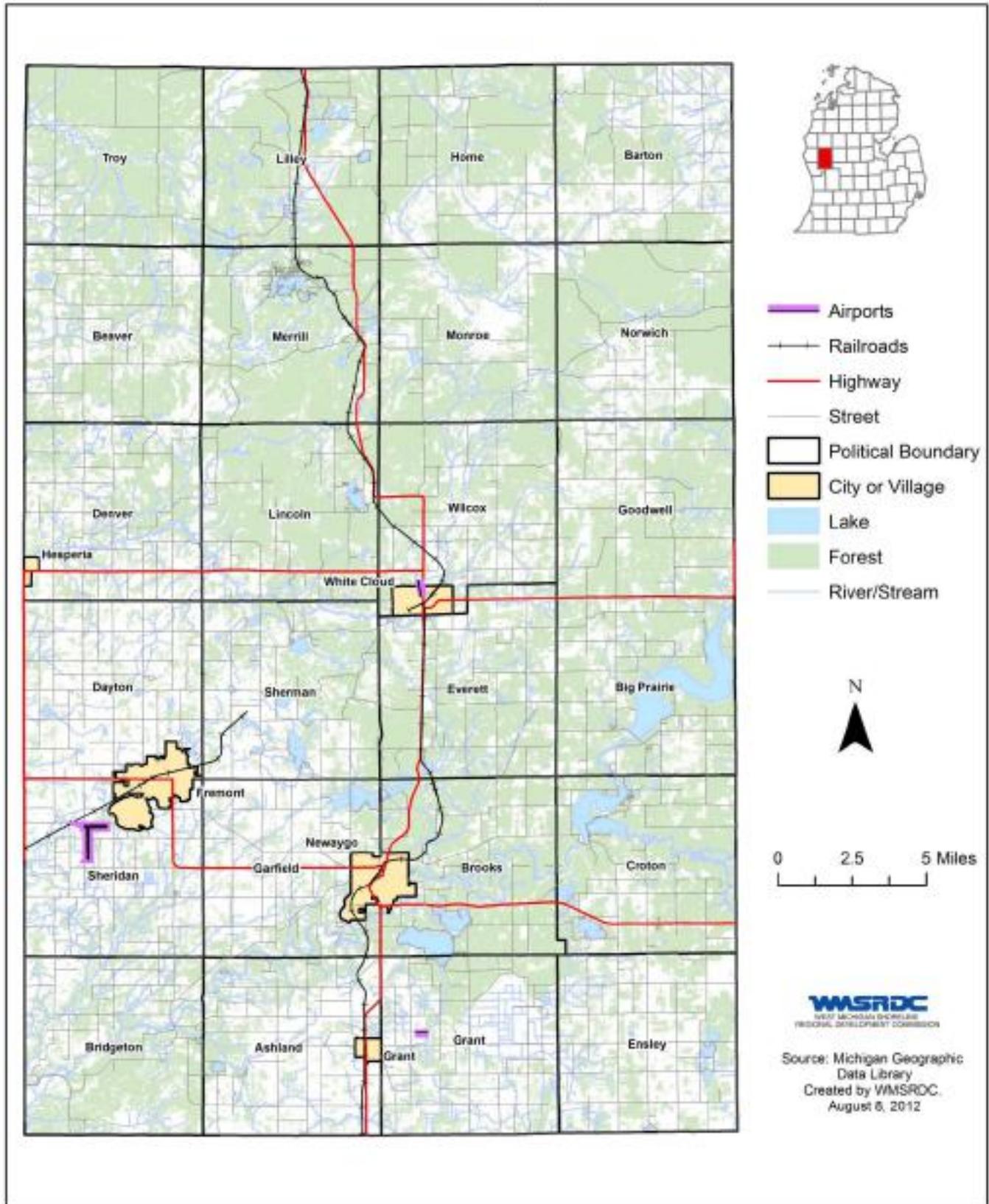


The Village of Hesperia is located in Newaygo County's western township of Denver and extends into Oceana County. Hesperia is the only village in Newaygo County. Situated on the White River along M-20, Hesperia was named from Hesperides in Greek Mythology, meaning blissful garden located in the western part of Greece. In 1856 Booth Perry settled the area followed shortly thereafter by Pat McFarland and Alex McLaren. The village of Hesperia was platted in 1866 and became a village in 1883. Major employers in Hesperia include:

- Hesperia Community Schools (207 employees)



Newago County Base Map



Distance to Major Cities

Newaygo County is situated at the northern end of the Greater Grand Rapids and Muskegon metropolitan areas and is a short distance to several regional economic hubs such as:



Muskegon	15 miles or 24 km
Grand Rapids	25 miles or 40 km
Traverse City	75 miles or 121 km
Lansing	110 miles or 176 km
Detroit	190 miles or 305 km
Chicago	220 miles or 353 km
Indianapolis	280 miles or 451 km
Cleveland	310 miles or 498 km

Climate and Weather Patterns

The climate of Newaygo County is highly varied due to topographical variations and the proximity of the county to Lake Michigan. The climatologically records of the county are not considered the most reliable because the report gives data that are from Personal Weather Stations (PWS) located in the county uploaded to Weather Underground. These stations do not contain official National Weather Service data. Any records from these stations are then compared to the National Weather Service stations located in Grand Rapids and Muskegon. Table 1 through Table 6 provides a monthly overview of the county’s weather patterns based on climate data. Tables 1 through 3 are temperature data from the Fremont Weather Station and Tables 4 through 6 are precipitation data from the National Weather Service in Grand Rapids with combined averages taken from Grand Rapids and Muskegon data sets.

Overall, the climate of Newaygo County provides a four season location for winter, spring, summer and fall activities. In the winter, Newaygo County occasionally receives major winter storms and is often affected by Lake Effect Snow from Lake Michigan. Snowfall is often sufficient for extensive winter activities including cross country skiing, snowmobiling, sledding, tobogganing and snow shoeing. Winter temperatures are sufficiently cold to provide safe ice for ice fishing and ice skating. February is normally the county’s coldest month and August is normally the warmest. May usually has the highest

level of precipitation and February normally has the least. Snow depth within the county is normally greatest in January.

During spring and summer months, Newaygo County's climate provides ample opportunities for many types of outdoor recreation including mushroom picking, open water fishing, turkey hunting, 9 wildlife viewing, boating, non-motorized trail use (e.g. hiking, bicycling, equestrian, etc.), off-road vehicle use and camping. In the summer, Newaygo County's lakes and rivers are critical recreation resources. County parks on Hardy Pond, the Muskegon River and Pettibone Lake provide welcome breaks from the heat for campers, swimmers, anglers, boaters and those just seeking the cool blue of inland waters. With over 300 lakes and hundreds of miles of rivers and streams, there are water based recreation opportunities for almost every taste. Prevailing winds are normally from the southwest. During fall, the mixture of Newaygo county's softwood (pine, fir, cedar) forests and hardwoods (oak, maple, aspen, etc.) provide a tremendous spectacle of color for sightseers; Other outdoor recreation opportunities such as trail use, hunting, fishing, wildlife viewing, camping and boating are available.

The 2014 National Climate Assessment reports in the next few decades the Midwest can expect to see an increasing scope, frequency, and intensity of weather related disasters. This includes more weather extremes such as temperature (heat and cold), heavy downpours, and flooding that will affect infrastructure, health, agriculture, forestry, transportation, air and water quality, and more. Climate change will tend to amplify existing risks climate poses to people, ecosystems, and infrastructure.

Within Michigan, the frequency and intensity of heat waves are projected to increase by mid-century. Temperatures above 95°F are associated with negative human health impacts and suppressed agricultural yields. These conditions also increase humidity, degrade air quality, and reduce water quality which will increase public health risks.

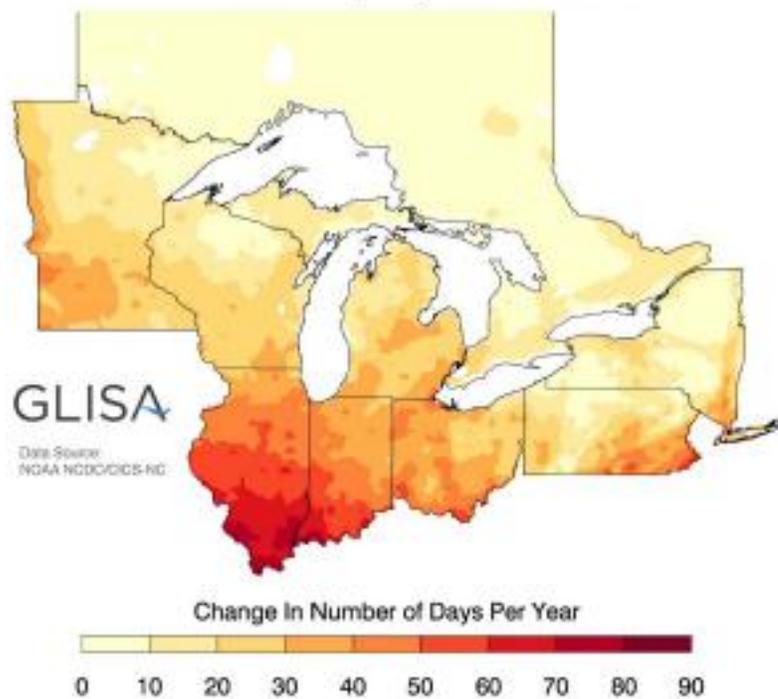
The frequency of days with very heavy precipitation (the wettest 2% of days) is also projected to increase. Extreme rainfall events and flooding have already increased during the last century. These trends are expected to continue, causing erosion, declining water quality, and negative impacts on transportation, agriculture, human health, and infrastructure.

Much of the region's fisheries, recreation, tourism, and commerce depend on the Great Lakes and expansive northern forests. Longer growing seasons and rising carbon dioxide levels are projected to will increase yields of some crops, though those benefits will be progressively offset by extreme weather events. Extreme weather events will influence future crop yields more than changes in average temperature or annual precipitation. High temperatures during early spring, for example, can decimate fruit crop production when early heat causes premature plant budding that exposes flowers to later cold injury, as happened in 2002, and again in 2012, to Michigan's \$60 million tart cherry crop. Springtime cold air outbreaks are projected to continue to occur throughout this century. Though adaptation options can reduce some of the detrimental effects, in the long term, the combined stresses associated with climate change are expected to decrease agricultural productivity.

Table 1: Record Monthly Temperatures in Degrees Fahrenheit
 Source: Weather Underground Weather Station in Fremont, Michigan

Month	Record High	Date	Previous Record	Record Low	Date	Previous Record
January	63°F	01-25-1950	59°F (1-24-1950)	-16°F	1-3-1918	
February	67°F	02-11-1999	58°F (02-21-1930)	-30°F	2-11-1899	
March	82°F	03-20-2012 03-21-2012	77°F (03-27-1967) (03-30-1967)	-11°F	3-16-1897	
April	86°F	04-29-1970	85°F (04-27-1899)	1°F	04-07-1982	9°F (04-01-1923)
May	93°F	05-29-1962	90°F (05-10-1930)	22°F	05-10-1974	
June	98°F	06-20-1995	94°F (06-11-1956) (06-24-1901)	31°F	06-11-1972	34°F (06-04-1945) (06-08-1949)
July	99°F	07-07-2012 07-30-1913		39°F	07-2-2001	40°F (07-11-1945)
August	99°F	08-03-1964	96°F (08-24-1947)	36°F	8-16-1979	40°F (08-15-1929)
September	95°F	09-1-1953 09-06-1957	94°F (09-02-1913) (09-03-1953)	27°F	09-27-1989 09-28-1991	28°F (09-25-1947) (09-26-1947)
October	89°F	10-18-1910		19°F	10-29-1905	
November	76°F	11-2-1961 11-20-1930	74°F (11-19-1930) (11-01-1935)	-14°F	11-25-1950	-8°F (11-24-1950)
December	64°F	12-02-1982	63°F (12-06-1951) (12-05-2001)	-15° F	12-31-1976	-11°F (12-30-1976)

Projected Change in Number of Days Over 90°F
 Period: 2041-2070 | Higher Emissions: A2



*Table 2: Average Daily High in Degrees Fahrenheit
Source: Weather Underground Weather Station in Fremont, Michigan
US Climate Data Fremont, Michigan*

MONTH	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total Average
January	27	27	29	39	34	32	24	30	26	36	32	31
February	28	34	35	33	25	30	33	32	31	36	30	32
March	42	46	39	45	49	40	43	52	38	56	36	44
April	56	60	62	61	54	61	55	62	54	56	50	57
May	65	68	64	67	73	66	67	70	68	71	71	68
June	76	73	83	77	81	77	75	76	76	78	76	77
July	80	79	82	84	82	66	75	82	84	90	79	80
August	82	75	81	81	81	81	75	83	79	78	78	79
September	72	77	77	69	77	74	73	68	70	71	71	73
October	59	60	62	56	66	60	53	61	62	56	59	59
November	48	47	49	48	46	46	50	48	47	46	42	47
December	38	35	30	41	35	33	32	31	37	38	28	34

MONTH	2014	2015	2016	2017	2018	2019						Total Average
January	21	25	32	35	31	26						28
February	22	19	36	42	32	29						30
March	32	37	49	45	41	38						40
April	53	56	55	58	56	54						55
May	65	68	70	62	74	64						67
June	77	74	79	78	78	74						77
July	74	77	83	82	84	84						81
August	77	78	83	78	78	79						79
September	70	75	76	78	74	59						72
October	56	61	64	64	55							60
November	38	53	54	45	37							45
December	35	44	34	32	35							36

Table 3: Average Daily Low in Degrees Fahrenheit
Source: Weather Underground Weather Station in Fremont, Michigan
US Climate Data Fremont, Michigan

MONTH	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total Average
January	15	14	19	29	23	21	9	21	15	24	19	19
February	14	18	23	20	14	15	20	22	18	24	15	18
March	24	32	20	28	30	25	27	31	25	39	22	28
April	35	38	38	39	36	38	36	40	36	34	33	37
May	45	49	44	48	50	43	47	50	49	49	49	48
June	53	56	63	56	58	58	56	58	56	55	56	57
July	60	60	62	64	61	62	54	64	64	63	59	61
August	62	56	61	61	63	59	58	63	60	67	56	61
September	51	53	55	51	54	55	52	52	51	48	51	52
October	40	43	43	39	49	40	40	40	42	39	41	41
November	35	34	33	34	32	33	36	34	34	31	29	33
December	26	22	23	30	25	21	23	23	28	27	17	24

MONTH	2014	2015	2016	2017	2018	2019						Total Average
January	8	11	22	25	15	12						16
February	8	0	24	26	18	14						15
March	11	20	31	29	22	19						22
April	33	33	26	38	26	33						32
May	45	48	46	42	50	44						46
June	57	53	55	57	57	53						55
July	54	57	61	60	60	61						59
August	56	58	62	56	58	56						58
September	48	56	56	53	53	44						52
October	40	42	45	46	39							42
November	26	36	37	32	27							32
December	24	33	25	21	25							26

2018 Temperatures for Fremont, Michigan

Source: <http://www.weatherspark.com/history>

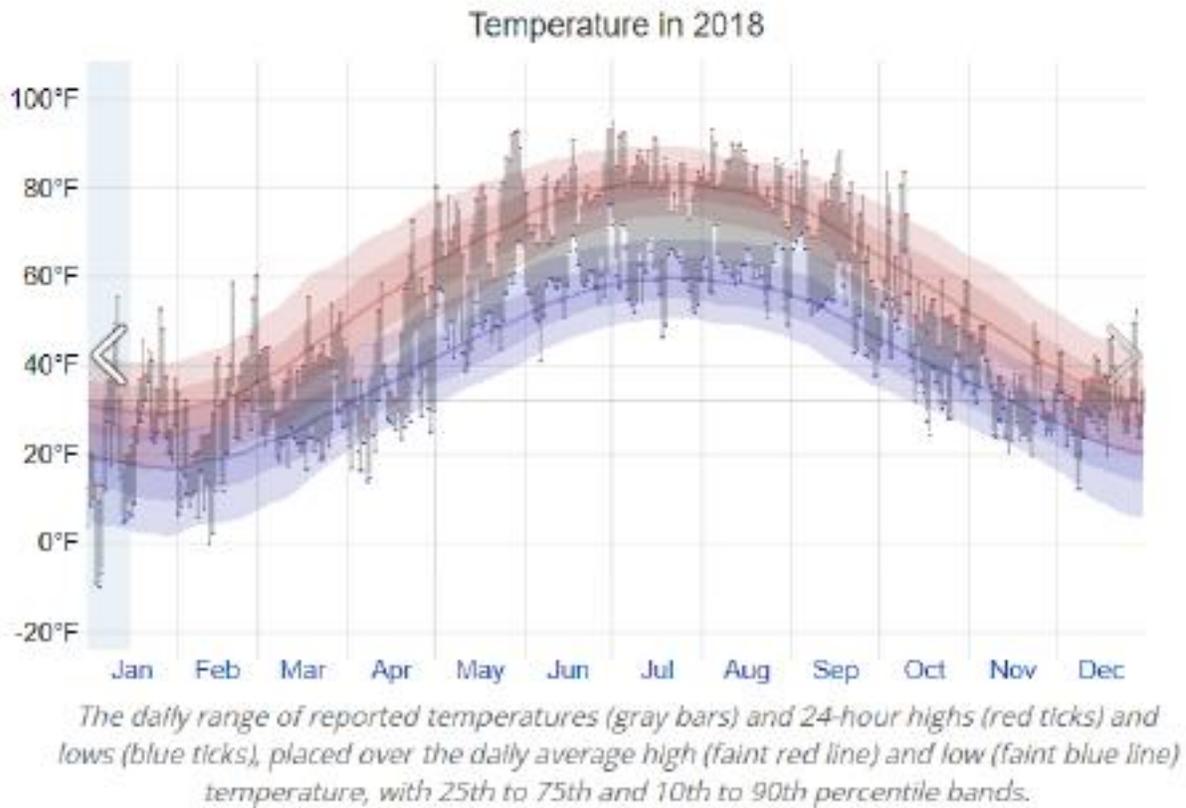


Table 4: Record Precipitation in Inches for Fremont

Source: Weather Underground Weather Station in Fremont, Michigan

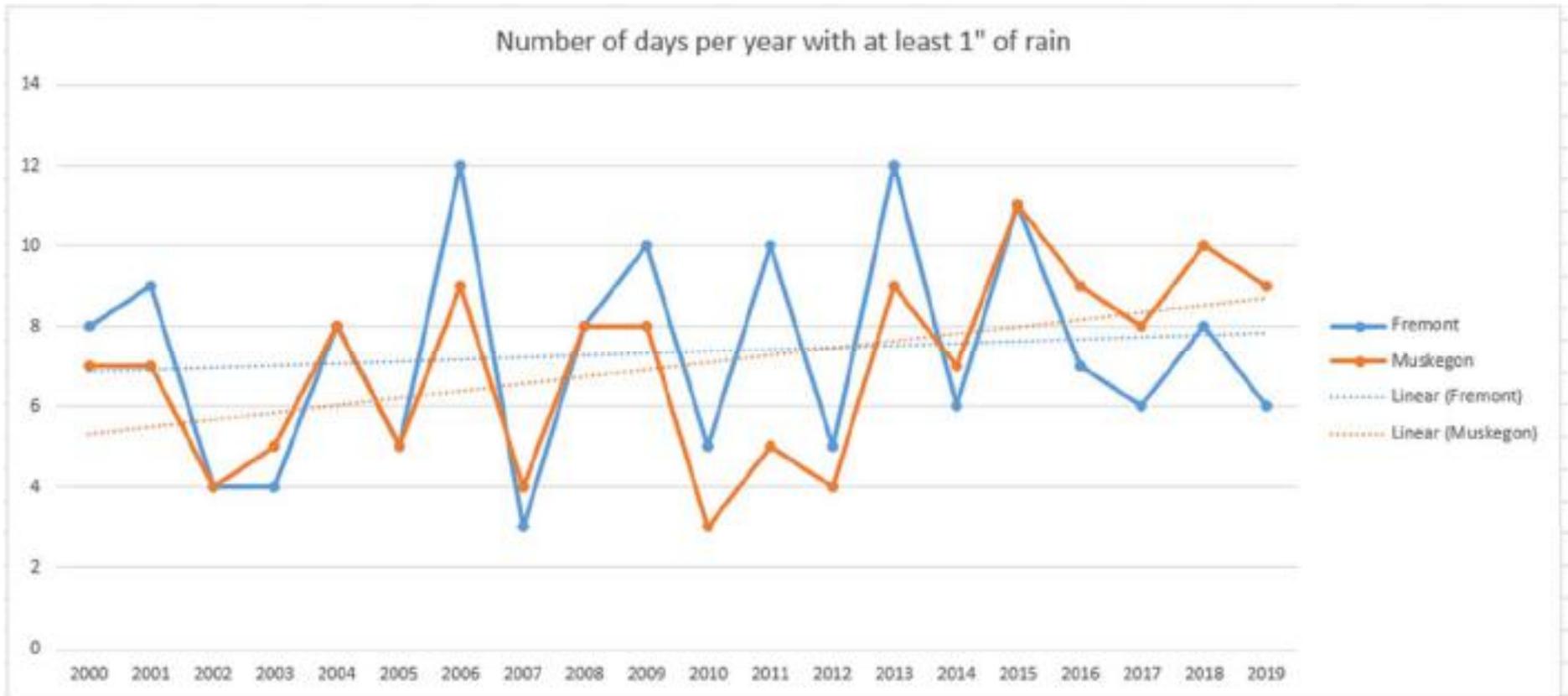
Month	Record Precipitation	Date	Record Daily Snowfall	Date
January	1.46	01-26-1978	21.7	01-26-1978
February	2.53	02-20-2018	14.2	02-01-1965
	2.12	02-22-1922		
March	1.98	03-02-1976	10.5	03-02-2002
April	2.66	04-11-2001	11.0	04-16-1961
May	4.10	05-22-1904	5.0	05-09-1923
June	5.08	05-27-1921	-	-
July	3.75	07-04-1901	-	-
August	4.29	08-13-2011	-	-
September	4.06	09-10-1986	T	-
	4.33	09-11-1986		
October	3.21	10-03-1954	4.70	10-27-1967
November	2.12	11-05-1990	16.00	11-14-1908
December	2.58	12-02-1982	14.80	12-17-1963

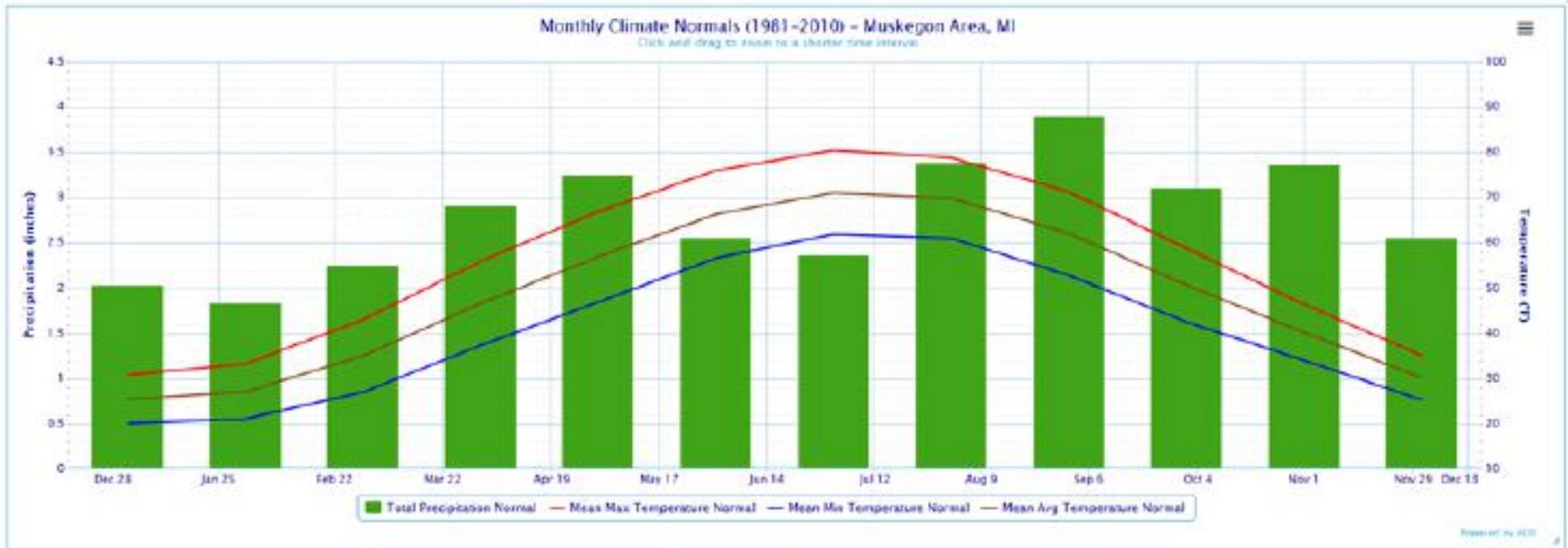
Table 5: Daily Average Precipitation in Inches for Grand Rapids
Source: National Weather Service

MONTH	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total Average
January	0.06	0.09	0.27	0.27	0.62	0.16	0.07	0.03	0.07	0.10	0.16	0.17
February	0.04	0.09	0.16	0.21	1.66	0.19	0.13	0.94	0.10	0.07	0.13	0.34
March	0.10	0.28	0.13	0.35	0.14	0.11	0.09	0.03	0.12	0.11	0.04	0.14
April	0.25	0.19	0.09	0.27	0.21	0.11	0.17	0.10	0.20	0.09	0.31	0.18
May	0.33	0.51	0.21	0.36	0.08	0.07	0.07	0.11	0.11	0.08	0.14	0.19
June	0.13	0.29	0.45	0.21	0.12	0.19	0.15	0.21	0.10	0.09	0.15	0.19
July	0.24	0.22	0.22	0.51	0.06	0.16	0.05	0.13	0.18	0.09	0.09	0.18
August	0.27	0.25	0.26	0.19	0.13	0.04	0.16	0.06	0.16	0.08	0.06	0.15
September	0.39	0.11	0.45	0.28	0.07	0.29	0.07	0.15	0.09	0.05	0.06	0.18
October	0.21	0.39	0.12	0.32	0.11	0.11	0.22	0.08	0.12	0.21	0.16	0.19
November	0.45	0.23	0.36	0.27	0.03	0.09	0.05	0.07	0.10	0.02	0.12	0.16
December	0.13	0.15	0.12	0.25	0.12	0.24	0.10	0.06	0.08	0.10	0.09	0.13

MONTH	2014	2015	2016	2017	2018	2019						Total Average
January	0.03	0.06	0.07	0.11	0.07	0.09						0.07
February	0.04	0.04	0.10	0.07	0.18	0.12						0.09
March	0.03	0.03	0.16	0.11	0.04	0.07						0.07
April	0.08	0.14	0.13	0.21	0.10	0.14						0.13
May	0.09	0.11	0.10	0.05	0.18	0.19						0.12
June	0.16	0.13	0.04	0.16	0.08	0.15						0.12
July	0.12	0.07	0.18	0.04	0.07	0.13						0.10
August	0.1	0.12	0.26	0.06	0.21	0.11						0.14
September	0.12	0.08	0.08	0.02	0.20	0.24						0.12
October	0.18	0.11	0.20	0.31	0.18							0.20
November	0.14	0.09	0.11	0.09	0.09							0.10
December	0.05	0.11	0.10	0.06	0.06							0.08

The following demonstrates the frequency of days with at least 1" of rain, broken down by calendar year, starting in 2000. Data is from a NWS observer in Fremont, as well as the airport in Muskegon. The average over the last 20 years is 7 days per year of at least an inch of rain (or equivalent snow). Both locations show an upward/increasing trend with time, on the order of 1 to 3 extra yearly occurrences over the 20 year duration.





Month	Total Precipitation Normal	Mean Max Temperature Normal	Mean Min Temperature Normal	Mean Avg Temperature Normal
January	2.03	30.8	20.1	25.4
February	1.83	33.2	21.1	27.1
March	2.25	43.0	27.0	35.0
April	2.91	55.9	37.3	46.6
May	3.25	66.9	46.9	56.9
June	2.55	76.0	56.6	66.3
July	2.37	80.4	61.9	71.1
August	3.39	78.8	61.0	69.9
September	3.89	71.3	52.8	62.1
October	3.11	58.8	42.5	50.7
November	3.36	48.4	34.0	40.2
December	2.55	35.1	26.3	30.2

Table 6: Average Depth of Snow Cover in Inches
 Source: National Weather Service

MONTH	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total Average
January	3	8	5	1	3	4	8	5	7	3	2	5
February	6	11	3	1	11	10	4	5	13	1	6	6
March	3	0	3	0	4	2	0	1	1	0	2	1
April	0	0	0	0	0	0	0	0	0	0	0	0
May	0	0	0	0	0	0	0	0	0	0	0	0
June	0	0	0	0	0	0	0	0	0	0	0	0
July	0	0	0	0	0	0	0	0	0	0	0	0
August	0	0	0	0	0	0	0	0	0	0	0	0
September	0	0	0	0	0	0	0	0	0	0	0	0
October	0	0	0	0	0	0	0	0	0	0	0	0
November	0	0	2	0	0	2	0	0	0	0	0	0
December	1	1	4	1	3	6	4	2	0	1	5	3

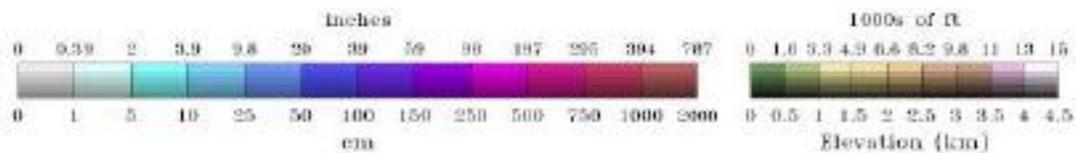
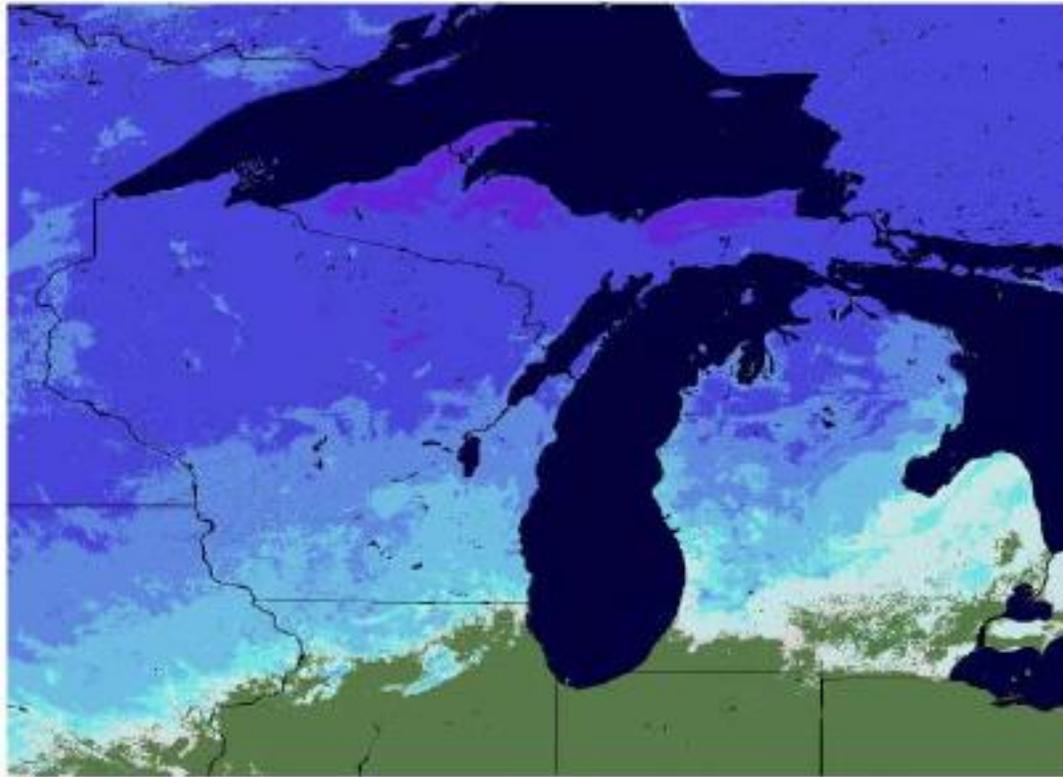
MONTH	2014	2015	2016	2017	2018	2019						Total Daily Average
January	1	4	2	1	3	3						2
February	1	8	1	1	3	4						3
March	1	2	1	0	0	2						1
April	0	0	0	0	0	0						0
May	0	0	0	0	0	0						0
June	0	0	0	0	0	0						0
July	0	0	0	0	0	0						0
August	0	0	0	0	0	0						0
September	0	0	0	0	0	0						0
October	0	0	0	0	0	0						0
November	1	0	0	0	1							0
December	0	0	4	3	0							1

Source: Interactive Snow Information <http://www.nohrsc.noaa.gov>

National Snow 2018-2019 Analysis 2019
 OWP OFFICE OF WATER PREDICTION

Snow Depth

2019-03-10 06 UTC



Automated Model Discussion:

March 10, 2019

Area Covered By Snow: 81.4%

Area Covered Last Month: 72.7%

Snow Depth

Average: 15.9 in

Minimum: 0.0 in

Maximum: 61.9 in

Std. Dev.: 13.3 in

Snow Water Equivalent

Average: 4.3 in

Minimum: 0.0 in

Maximum: 20.9 in

Std. Dev.: 3.8 in

Geography and Land Use Patterns

Topography, Soils, and Other Geographical Features

Understanding the local environment and land use patterns help identify changes that can have significant repercussions for people, the economy, and the environment. Some changes have natural causes, such as volcanic eruptions or drought, while other changes on the land, such as resource extraction, agricultural practices, and urban growth, are human-induced processes. There are other types of changes that are a combination of natural and human-induced factors; for example, landslides and floods are fundamentally natural processes that are often intensified or accelerated by human land use practices. In order to understand Newaygo County's topography, soils, and other graphical features, it is important to understand the history behind Michigan and the glacial activity.

As recently as 12,000 years ago, major glacial activity impacted Newaygo County's topography. The underlying bedrock, except for one small area, is covered by 50 to 500 feet of glacial material. Large ridges, or end moraines, developed along the front of the glacier as it halted in its retreat toward the north-east. These moraines are from a quarter of a mile to one and a half miles in width and from ten feet in height to 40 feet. The moraines form a concentric pattern that extends from the northeastern corner of the county toward the southwestern part. Level to undulating ground moraines formed as materials carried by the glacier were deposited. The outwash plains in the county are the old gravelly and sandy channels of swift streams that formed as the glacier melted.

Physical Land Features

The bedrock in Newaygo County consists of edges of bowl-like formations that fill the Michigan Basin. Marshall Sandstone underlies the entire County. The Michigan Formation overlies the Michigan Sandstone in the eastern half of the County. This formation is primarily limestone, gypsum, and dolomite interceded with shale and sandstone. To the east, Bayport Limestone and Parma Sandstone progressively overlie these rocks. In the central part of the County and in some areas in the eastern half, red beds overlie the Michigan, Saginaw, and Grand River Formations. They consist mainly of sandstone, shale, clay and minor beds of limestone and gypsum. Overlying the rock formations is a mass of glacial drift, which was deposited after the Wisconsinian Glaciation. The glacial drift ranges from 200 to 800 feet in thickness. It is coarse gravel to fine lacustrine clay. Many of the soils in the County formed in the drift.

The present surface features in the County generally are the result of glacial action. Two major physiographic regions are recognized in the County, one consists of several outwash plains and lake plains in nearly level valleys having definite boundaries. Glacial melt-water streams, which were much larger than the current rivers and streams, deposited outwash material in the valleys. The abandoned melt-water channels are filled with organic deposits in some areas and kettle lakes in others. As the ice receded and the levels of the glacial lakes dropped, the valleys were incised and terraces formed along the present streams and rivers. The other physiographic region consists of rolling and hilly moraines rising from the nearly level valleys or plains. Streams and rivers have greatly modified the surface in

Newaygo County. The predominant water feature is the valley of the Muskegon River, which exits the southwestern part of the County.

Elevation

The highest elevation is 1,300 feet above sea level in the far northeastern part of the County. The lowest elevation in the county is approximately 633 feet in the City of Newaygo near the Muskegon River.

Native Vegetation

As with many Michigan communities, Newaygo County was originally covered with a dense forest of deciduous trees. As the county was cleared for farming and development, or the trees removed for timber, the area's forests were replaced by farm fields, open field areas, orchards and smaller forests containing both deciduous and coniferous trees.

Soils Associations

A soil association is an area of land that has a distinctive proportional pattern of soils. Each association consists of one or more major soils and some minor soils and each association has a distinctive pattern of soils, relief, and drainages. The general soil map can be used to compare the suitability of large areas for general land uses. Areas of suitability can be identified on the map as well as soils that are not suitable. Because of the small scale, the map is not suitable for selecting a site for a road or building or other structure; however, more detailed maps are available for specific areas for planning purposes. There are eight general soil associations identified for the Newaygo County area as follows:

1. Plainfield-Grattan-Brems Association: Nearly level to steep, excessively drained and moderately well-drained, sandy soils on outwash plains and moraine.
2. Cosad-Del Rey-Sickles Association: Nearly level and gently undulating, somewhat poorly drained and poorly drained, sandy and loamy soils on lake plains.
3. Glendora-Abscota-Algansee Association: Nearly level and gently undulating, very poorly drained, somewhat poorly drained, and moderately well drained, sandy and loamy soils on flood plains.
4. Marlette-Metea-Sprinks Association: Nearly level to steep, moderately well-drained and well drained, loamy and sandy soils on moraines.
5. Coloma-Spink-Matea Association: Nearly level to steep, excessively drained and well drained, sandy soils on moraines.
6. Toogood-Boyer Association: Nearly level to steep, somewhat excessively drained to moderately drained, sandy soils on outwash plains and terraces.
7. Adrian-Carlisle-Martisco Association: Nearly level, very poorly drained, organic soils on lake plains and outwash plains.
8. Pipestone-Covert-Kingsville Association: Nearly level and gently undulating, somewhat poorly drained, moderately well drained, and poorly drained, sandy soils on outwash plains.

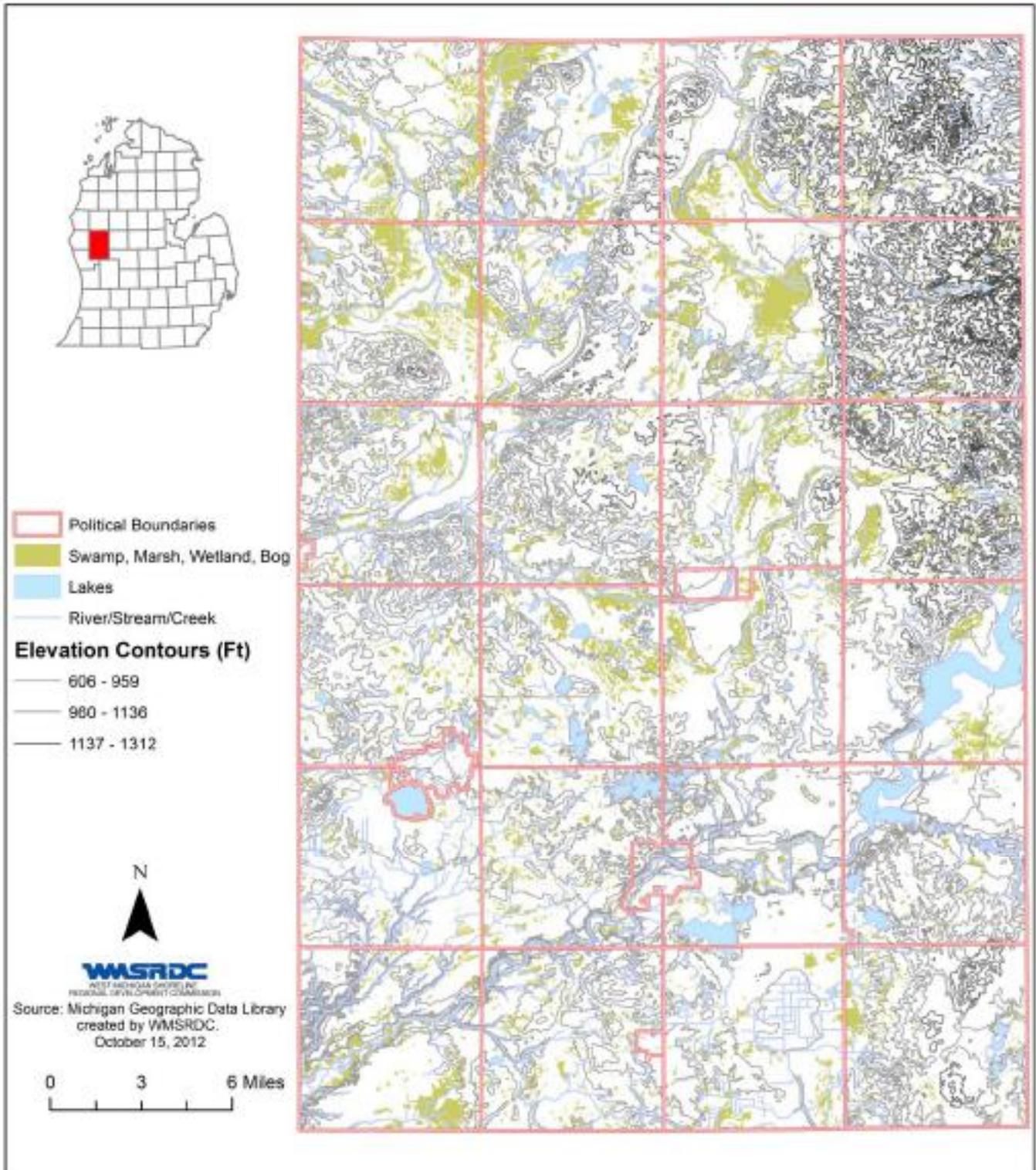
Some of the soils in the County are well suited to development. These include the less sloping, well drained soils in the Plainfield-Grattan-Brems, Coloma-Spinks-Metea, and Toogood-Boyer associations. The Cosad-Del Rey-Sickles and Marlette-Metea-Spinks associations are better suited to farming than the other associations. Most of the soils in the County are well suited or fairly well suited for woodlands. Many soils are well suited to parks and other recreational areas. Un-drained areas of Adrian and other poorly drained or very poorly drained soils provide habitat for many species of wildlife and are good nature study areas.

GENERAL SOILS MAP



Newago County

Natural Terrain Map



Current Land Use

Newaygo County encompasses more rural characteristics than urban characteristics with a little over 80% of its population located in the townships. The majority of the residential, retail, and industrial development has occurred in the County's four cities, Fremont, Grant, Newaygo, and White Cloud.

Water Resources

Newaygo County has abundant surface and ground water resources. The ground water is a source of good quality drinking water for the residents of the County. Newaygo County is comprised of 234 natural lakes and ponds, 356 miles of rivers and streams covering 12,543 acres, which provide outstanding recreational opportunities. Most of the larger natural lakes are in the southern half of the County and within 10 miles of the City of Newaygo. The areas around the lakes have been intensively developed for residential uses. As a result, some of the lakes are sandy and are used intensely for residential and agricultural purposes that generate effluent from septic systems and livestock wastes, causing water quality concerns. Recent efforts have been implemented to upgrade sewage treatment in many Newaygo County waterfront areas. Another challenge is algae blooms from agricultural nutrient inputs. Again, best management practices of applying appropriate amounts of fertilizer and vegetative buffers between crop fields and waterways are being implemented, but some problems still persist. Fortunately, most of the lakes have high-quality water. Lakes with water quality challenges include Hess, Fremont, Peterson, and Hesperia Lakes. The smaller lakes in the public forest areas provide a wide variety of recreational opportunities and activities. The numerous unnamed bodies of water scattered throughout the County provide habitat for many species of wetland wildlife.

Table 7: Newaygo County Lakes over 100 Acres

Lake Name	Lake Size in Acres
Hardy Dam Pond	3,750 (2,845 in County)
Croton Pond	1235
Hess Lake	1125
Fremont Lake	790
Pickerel Lake	318
Brooks Lake	293
Ryerson Lake	262
Bills Lake	204
Woodland Lake	202
Diamond Lake	181
Pettit Lake	169
Kimball Lake	153
Nichols Lake	143
Robinson Lake	137
Newaygo Lake	127
Crystal Lake	125
Pickerel Lake	122
Sylvan Lake	113

Source: <http://lakelocate.com/>



Newaygo County is drained by several rivers. The northern part of the County is drained by the Pere Marquette and Little Pere Marquette Rivers. The White River originates in the central plain in the County and flows west through White Cloud to Lake Michigan. The Muskegon River drains a large area of the middle and southern parts of the county flowing in a southwesterly direction through Newaygo. Crockery Creek and the Rogue River, which are in the southernmost part of the County, flow south into the Grand River Basin.

Forest Lands

Sixty-one percent of Newaygo County's 537 thousand acres of land is forested (MSU Extension 2006). Of this 62% is in private ownership, almost all owned by small, non-industrial owners. Of the 38% in public ownership, the vast majority is part of the Manistee National Forest managed by the US Forest Service. Oak-hickory, beech-maple and lowland hardwoods make up 79% of the forest land in the county. Pine types (white, red and jack) are predominant on 15% of the forested acreage.

Farming

The diversity of soils and conditions appropriate for a wide variety of truck and vegetable crops helped create the conditions that made Gerber in Fremont a worldwide leader in baby foods. Because many of the soils are suitable for cropland, the climate is favorable, and the markets for farm products are nearby, farming probably will continue to be an important part of the economy in Newaygo County. Newaygo County covers 552,000 acres. Based on the 2017 Agriculture Census, 136,232 acres (a quarter) of Newaygo County was farmland. This is an increase of 8% since 2012. However, there has been an 8% decrease in the number of farms in Newaygo County since 2012 to 850 total number of farms. Since much of the prime farmland is located in the southwest and southerly portions of the County, which is also closest to the Muskegon and Grand Rapids metropolitan areas, it is anticipated that there will be increased pressure from non-farm land use development in the future. However, the nature of soils in these areas also has serious erosion limitations and these characteristics will influence future land uses. The following tables reflects the change in agriculture and farmstead land use from 1997 to 2017 and the current land use and farm size.



Table 8: Change in Agriculture-Farmstead Land Use and Farm Size

Source: 2017 Census of Agriculture

AGRICULTURE-FARMSTEAD LAND USE	2017	2012	2007	2002	1997	% Change
Total Number of Farms	850	923	951	902	787	8%
Total Number of Acres	136,232	125,663	133,403	135,422	131,779	3.4%
Total Cropland (Farms)	704	757	812	813	739	-4.7%
Total Cropland (Acres)	96,749	83,384	89,457	93,491	94,890	2.0%
Total Harvested Cropland (Farms)	620	670	649	689	663	-6.5%
Total Harvested Cropland (Acres)	86,982	76,076	74,516	72,732	74,140	17.3%
Total Grazing Land (Farms)	98	81	206	364	372	-73.7%
Total Grazing Land (Acres)	11,982	1,632	4,907	9,607	11,257	6.4%
Average Size of Farm in Acres	160	136	140	150	167	-4.2%

Table 9: Agriculture-Farmstead Land Use and Farm Size

Source: 2017 Census of Agriculture

AGRICULTURE-FARMSTEAD LAND USE	Number of Farms	Acres	Total Farms%	Total Acres %
Total	850	136,232		
Total Cropland	704	96,749	82.82%	71.0%
Total Harvested Cropland	620	86,749	72.94%	63.68%
Total Grazing Land	98	11,982	11.53%	8.8%
Farm Size in Acres				
Farms by size - 1 to 9 acres	66	261	7.76%	0.19%
Farms by size - 10 to 49 acres	327	8,331	38.47%	6.12%
Farms by size - 50 to 69 acres	89	5,359	10.47%	3.93%
Farms by size - 70 to 99 acres	107	8,625	12.59%	6.33%
Farms by size - 100 to 139 acres	69	8,124	8.12%	5.96%
Farms by size - 140 to 179 acres	39	6,124	4.59%	4.50%
Farms by size - 180 to 219 acres	29	5,720	3.41%	4.20%
Farms by size - 220 to 259 acres	23	5,434	2.71%	3.99%
Farms by size - 260 to 449 acres	43	15,680	5.06%	11.51%
Farms by size - 500 to 999 acres	29	19,703	3.41%	14.46%
Farms by size - 1,000 to 1,999 acres	24	33,060	2.82%	24.27%
Farms by size - 2,000 acres or more	5	19,811	0.59%	14.54%
Average Size of Farm in Acres		160		

Historic Sites and Districts

According to the National Park Service, the National Register of Historic Places is the official list of the Nation's historic places worthy of preservation. Authorized by the National Historic Preservation Act of 1966, the National Park Service's National Register of Historic Places is part of a national program to coordinate and support public and private efforts to identify, evaluate, and protect America's historic and archeological resources. To be considered eligible, a property must meet the National Register Criteria for Evaluation. This involves examining the property's age, integrity, and significance. The following are considered during evaluation:



- Is the property old enough to be considered historic (generally at least 50 years old)
- Does the property still look much the way it did in the past?
- Is the property associated with events, activities, or developments that were important in the past?
- Is the property associated with the lives of people who were important in the past?
- Is the property associated with significant architectural history, landscape history, or engineering achievements?
- Does the property have the potential to yield information through archeological investigation about our past?

Within Newaygo County there are four properties listed on the National Register of Historic Places and several historic sites in Newaygo County, however, there are no registered Historical Districts at this time that have been established.



Table 10: Places Listed in the National Register of Historical Places

Source: National Register of Historic Places, National Park Service.gov

Site Name (as listed in register)	Site Address	City	Property Type	Period of Significance	Date Listed in National Register	Record Number	NRIS Item Number
Croton Dam Mound Group	Address Restricted	Croton Township	Prehistoric Site	500-999 BC	06/23/2009	358182	08000846
Hardy Hydroelectric Plant	6928 E. 36th Street	Big Prairie Twp.	Power plant	1925-1949	12/01/1997	426923	97001479
Croton Hydroelectric Plant	Croton Dam Road	Croton Township	Power plant	1900-1924	08/16/1979	377986	79001165
Toft Lake Village Site	Address Restricted	Croton Township	Prehistoric Site	0-1499 AD	06/20/1972	363688	72001476
Fremont High School (former)	204 E. Main	Fremont	School Building	1926-2012	09/04/2013	Not listed	13000669

Table 11: Places Listed in the State of Michigan Register of Historical Places

Site Name (as listed in register)	Site Address	City	Property Type	Period of Significance	Date Listed in State Register	Site ID Number
Big Prairie Grange No. 935 Hall	1968 Elm Avenue	Goodwell Township	Grange hall	1901-1930	03/28/1985	P24316
Croton Congregational Church	Croton-Hardy Dr. and Division St.	Croton	Church	1871-1911	01/22/1987	P24317
Oak Grove District No. 3 Schoolhouse	6382 East 80 th	Croton Township	Schoolhouse	1920-1968	06/30/1988	P24319
Ensley Windmill Tower	4634 South Luce Avenue	Fremont	Windmill	1826-1865	07/26/1978	P24322
First Christian Reformed Church	201 North Decker Avenue	Fremont	Church (Demolished)	1901-1930	01/20/1984	P24309
Gerber, Cornelius, Cottage	6480 West Cottage Grove	Fremont	Frame house	1866-1900	10/23/1979	P24310
City of Grant Depot and Water Tower	Between Lincoln and Pine Streets	Grant	Railroad Depot / Water tower	1866-1900	06/10/1980	P24311
Weaver, Daniel, House	84 South Cook Street	Hesperia	Frame house	1866-1900	09/26/1987	P24323
Penoyer's Sawmill and Dam	Penoyer Creek	Newaygo	Ruin Sawmill	1826-1865	08/22/1985	P24312
Saint Mark's Episcopal Church	30 Justice Street	Newaygo	Church	1866-1900	09/21/1983	P24313
Woods, John F., Residence	59 Bridge Street	Newaygo	Brick house	1826-1865	06/10/1980	P24314
Birch Grove School	3962 North Felch	White Cloud	Schoolhouse	1866-1900	10/02/1980	P24321
White Cloud Village Hall	1084 Wilcox	White Cloud	Courthouse (Demolished)	1901-1930	03/16/1982	P24315

Source: Michigan Historical Center, State Historic Preservation Office

Parks and Recreation

Newaygo County is County is blessed with many outdoor recreation opportunities, such as State and Federal forests, recreation opportunities provided by local units of government, privately owned recreation opportunities from both commercial providers and individual households and conservancy-owned natural areas. The following is a list of campgrounds in Newaygo County provided by the District 10 Public Health Department Environmental Officer.

Name of Establishment	Address	City, State, Zip	Number of Sites
Benton Lake Campground (NFS)	5308 Forest Road	Brohman, MI 49312	25
Big Bend Park	2000 Beech Avenue	White Cloud, MI 49349	230
Brooks Lake M.H. Club (Private)	2263 Spruell	Newaygo, MI 49337	15
Brush Lake Campground (NFS)	6 Mile (Forest Rd 5534)	White Cloud, MI 49349	7
Chapel of the Three Crosses	879 E Yoder Lane	White Cloud, MI 49349	15
Chinook Campground	5471 W 112 th Street	Grant, MI 49327	168
Cindy Lou's Hide A Way	6245 N Comstock Road	Hesperia, MI 49421	22
Consumers Power Employee Hardy Dam Club (Private)	8000 16th Street	White Cloud, MI 49349	45
Croton Dam Float Trips	5355 Croton Drive	Newaygo, MI 49337	24
Croton Township Campground	7683 Croton Hardy Drive	Newaygo, MI 49337	160
Dan Raymond Park (Private)	6971 W 112 th Street	Grant, MI 49327	8
Diamond Lake (aka Camp Swampy)	3351 N Mundy Road	White Cloud, MI 49349	100
Ed Henning County Park	500 Croton Drive	Newaygo, MI 49337	84
Fremont Lake Park	933 Cottage Grove	Fremont, MI 49412	94
Green Jug Resort	1190 Bingham Avenue	White Cloud, MI 49349	15
Happy Campers Campground	5380 Croton Drive	Newaygo, MI 49337	25
Heights Hide A Way	4424 Parson Road	Fremont, MI 49412	13
Hess Lake Mobile Home	825 E 88 th Street	Newaygo, MI 49337	34
Highbank Lake Campground (NFS)	Roosevelt Drive / 15 Mile	Bitely, MI 49309	9
Hungerford Lake Campground (NFS)	Forest Rt 5134	Big Rapids, MI 49307	48
Hungerford Hills Farms	7616 Hungerford Lake	Big Rapids, MI 49307	50
K and K Camping LLC (Private)	7701 Whitneyville Rd	White Cloud, MI 49349	13
Indian Lake Campground (NFS)	Nagek Drive	Brohman, MI 49312	6
Leisure Time RV Park	4799 South Spruce	White Cloud, MI 49349	94
Little Switzerland Resort	254 Pickeral Lake Drive	Newaygo, MI 49337	80
Lonesome Lake Campground	318 W 18 Mile Road	Bitely, MI 49309	50
Minnie Pond Campground (NFS)	9570 Forest Road	Hesperia, MI 49421	11
Mystery Creek Campground	9570 S Wisner Avenue	Newaygo, MI 49337	85
Newaygo State Park	2793 Beech Street	Newaygo, MI 49337	99
Nichols Lake Park South (NFS)	Forest Route 5140	Brohman, MI 49312	29
Oxbow Park	2973 Cottonwood	Newaygo, MI 49337	197
Pettibone Lake Park (NFS)	490 W Pettibone Drive	Bitely, MI 49309	16
Pickeral Lake Campground	12666 N Woodbridge	Bitely, MI 49309	46
Salmon Run Campground	8845 Felch Avenue	Grant, MI 49327	94
Sandy Beach Campground	6926 30 th Avenue	White Cloud, MI 49349	220
Shelley Lake Campground (NFS)	5450 Forest Road	Brohman, MI 49312	8
Shi Lo Cum	2940 N Felch Avenue	White Cloud, MI 49349	35
Sportsman Park Campground	2500 Sportsman Drive	White Cloud, MI 49349	86
Timbers Edge Campground	4345 North Warner	Hesperia, MI 49421	50

Twinwood Lake Campground (NFS)	5488 Forest Rd	White Cloud, MI 49349	5
Walkup Lake Campground (NFS)	Cleveland Drive	Bitely, MI 49309	127
White Cloud City Campground	680 Wilcox	White Cloud, MI 49349	99
Woods and Water Campground	4495 South Spruce	White Cloud, MI 49349	375
		TOTAL	1,995

For additional information on Newaygo County's parks and recreation opportunities, please visit the Newaygo County Convention and Visitors Bureau at <http://www.newaygocountytourism.or>



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Newaygo County Campgrounds and Trails



Anticipated Land Use

Newaygo County has a county-wide Parks and Recreation land use plan which serves as the primary policy guide for local officials considering development proposals, land divisions, capital improvements, and other matters related to land use and development; thus, it provides a stable and consistent basis for decision-making. The county does not enforce any county zoning ordinances leaving much of the land use decisions up to the individual townships and Cities. All of the Communities in Newaygo County have zoning ordinances and all but Troy Township has Land Use Plans.

Potential Land Use Conflicts and Known Hazards

Like most communities Newaygo County does have several unique situations that present hazards or land use conflicts. Several should be noted:

- All four cities within Newaygo County, Fremont, Newaygo, Grant, and White Cloud have industry located near retail and residential areas. Although the communities have not had recent significant instances where an unacceptable release of chemicals has occurred, it is a great potential to affect a substantial amount of residences should an unacceptable release occur.
- M-20, and M-82 are heavily traveled east-west transportation routes and M-37 is a major north-south transportation route. These routes run through all of the Cities and Village of Hesperia in the County. In addition to privately operated vehicles, these roads are traveled by commercial truck traffic carrying many different types of hazardous materials.
- The Marquette Railroad operates on CSX Transportation's rail lines running through the center of the county parallel to M-37. The rail line cuts through the heart of Grant, Newaygo and White Cloud. With several road to rail crossing throughout the county, surprisingly there is no history of car/train accidents.
- Newaygo County has many water resources and flooding problems. There are 356 miles of rivers and streams within Newaygo County. The Muskegon River runs Northeast to Southwest through the center of the county. The City of Newaygo lies along the river banks along with numerous campgrounds and recreational businesses. The White River originates in the central part of the County and flows westward. The Pere Marquette and Little Pere Marquette River drain in the north east part of the county. Many portions of these areas have structures and critical infrastructure within the flood plains of these rivers.
- With agriculture playing a major role in Newaygo County, first responders to fires on farms may not be aware of potential chemical hazards. Another issue with farms is the stealing of Anhydrous Ammonia to make Methamphetamine and creating good potential for a release.

Public Infrastructure

Like most rural communities public infrastructure does not extend throughout the county. Many residences provide their own water and sewer through the use of wells and septic systems. Some industry does the same. Larger companies without municipal services normally have a second high capacity well in order to service their fire protection system. Public infrastructure is addressed in greater detail under Key Community Facilities/Organizations.

Housing Stock

Newaygo County has a total of 25,075 housing units. The housing profile of the county is much different than that of the state. Compared to the state as a whole, the county has a slightly higher level of homeownership, however major differences should be noted in the percentage of mobile homes and trailers, the percentage of vacant, the age of the home, and home values. The higher percentage of mobile homes versus multiple family housing or apartments creates the potential for additional hazards due to mobile homes being more susceptible to certain types of weather damage related to wind damage from storms or damage from hail. Another important figure to take note of is the difference of vacant housing units between Newaygo County and the State. Newaygo County has approximately 26.6% of its available housing units vacant compared to Michigan's 14.6%. However, 73% of the vacant housing in Newaygo County is seasonal and vacation homes. This can be problematic for the county during winter months since vacant homes can create problems such as broken pipes or gas leaks if they go uncared for.

Table 12, Housing Data, Newaygo County and the State of Michigan provides a summary of Newaygo County's housing stock and how it compares to the State of Michigan as a whole.



Table 12, Housing Data, Newaygo County and the State of Michigan
Sources: Median Values and raw housing data taken from the 2010 U.S. Census

HOUSING SUBJECT	Newaygo County		Michigan	
	Total	Percentage	Total	Percentage
Total Number of Housing Units	25,075	100%	4,532,233	100%
Occupied Housing Units	18,406	73.4%	3,872,508	85.4%
Owner-Occupied Housing	15,170	82.4%	2,793,342	72.1%
Renter-Occupied Housing Units	3,236	17.6%	1,079,166	27.9%
Vacant Housing Units	6,669	26.6%	659,725	14.6%
Seasonal or Recreational Units	4,885	19.5%	263,071	5.8%
Units in Structure				
1-unit detached	18,287	72.9%	3,249,245	71.8%
1-unit attached	154	0.6%	203,734	4.5%
2 units	281	1.1%	118,013	2.6%
3 or 4 units	216	0.9%	117,982	2.6%
5 to 9 units	369	1.5%	190,285	4.2%
10 to 19 units	268	1.1%	154,922	3.4%
20 or more units	209	0.8%	237,482	5.2%
Mobile Home	5,284	21.1%	253,248	5.6%
Boat, RV, Van, etc.	16	0.1%	743	0.0%
Age of Housing				
Built 2005 or later	652	2.8%	168,214	3.7%
Built 2000 to 2004	652	2.8%	319,691	7.1%
Built 1990 to 1999	2,168	9.3%	580,791	12.8%
Built 1980 to 1989	2,168	9.3%	449,484	9.9%
Built 1970 to 1979	1,954	8.4%	691,913	15.3%
Built 1960 to 1969	3,044	13.1%	551,778	12.2%
Built 1950 to 1959	4,439	19.1%	708,476	15.7%
Built 1940 to 1949	3,237	14.0%	368,881	8.2%
Built 1939 or earlier	4,086	17.6%	686,156	15.2%
Total Housing	25,084		4,525,654	
Home Values				
Less than \$50,000	2,203	14.0%	409,930	15.1%
\$50,000 to \$99,999	4,097	26.0%	707,551	26.1%
\$100,000 to \$149,999	4,271	27.1%	555,568	20.5%
\$150,000 to \$199,999	2,3687	15.1%	444,042	16.4%
\$200,000 to \$299,999	1,700	10.8%	355,727	13.1%
\$300,000 to \$499,999	803	5.1%	163,110	6.0%
\$500,000 to \$999,999	226	1.4%	53,442	2.0%
\$1,000,000 or more	65	0.4%	16,910	0.6%
Median Value	\$115,800		\$118,100	

Table 13, Housing Data, City of Fremont and Newaygo County
Sources: Median Values and raw housing data taken from the 2010 U.S. Census

HOUSING SUBJECT	City of Fremont		Newaygo County	
	Total	Percentage	Total	Percentage
Total Number of Housing Units	2,112	100%	25,084	100%
Occupied Housing Units	1,816	86.0%	18,406	73.4%
Owner-Occupied Housing	1,301	71.6%	15,170	82.4%
Renter-Occupied Housing Units	515	28.4%	3,236	17.6%
Vacant Housing Units	296	14.0%	6,669	26.6%
Seasonal or Recreational Units	31	1.5%	4,885	19.5%
Units in Structure				
1-unit detached	1,353	64.1%	18,287	72.9%
1-unit attached	28	1.3%	154	0.6%
2 units	97	4.6%	281	1.1%
3 or 4 units	68	3.2%	216	0.9%
5 to 9 units	176	8.3%	369	1.5%
10 to 19 units	105	5.0%	268	1.1%
20 or more units	31	1.5%	209	0.8%
Mobile Home	254	12.0%	5,284	21.1%
Boat, RV, Van, etc.	0	0.0%	16	0.1%
Age of Housing				
Built 2005 or later	2	0.1%	652	2.8%
Built 2000 to 2004	287	13.6%	652	2.8%
Built 1990 to 1999	285	13.5%	2,168	9.3%
Built 1980 to 1989	249	11.8%	2,168	9.3%
Built 1970 to 1979	178	8.4%	1,954	8.4%
Built 1960 to 1969	175	8.3%	3,044	13.1%
Built 1950 to 1959	411	19.5%	4,439	19.1%
Built 1940 to 1949	99	4.7%	3,237	14.0%
Built 1939 or earlier	426	20.2%	4,086	17.6%
Total Housing	2,112		25,084	
Home Values				
Less than \$50,000	235	18.1%	2,203	14.0%
\$50,000 to \$99,999	346	26.6%	4,097	26.0%
\$100,000 to \$149,999	421	32.4%	4,271	27.1%
\$150,000 to \$199,999	212	16.3%	2,3687	15.1%
\$200,000 to \$299,999	42	3.2%	1,700	10.8%
\$300,000 to \$499,999	33	2.5%	803	5.1%
\$500,000 to \$999,999	12	0.9%	226	1.4%
\$1,000,000 or more	0	0.0%	65	0.4%
Median Value	\$107,200		\$115,800	

Table 14, Housing Data, City of Newaygo and Newaygo County
Sources: Median Values and raw housing data taken from the 2000 U.S. Census

HOUSING SUBJECT	City of Newaygo		Newaygo County	
	Total	Percentage	Total	Percentage
Total Number of Housing Units	957	100%	25,075	100%
Occupied Housing Units	868	90.7%	18,406	73.4%
Owner-Occupied Housing	436	50.2%	15,170	82.4%
Renter-Occupied Housing Units	432	49.8%	3,236	17.6%
Vacant Housing Units	89	9.3%	6,669	26.6%
Seasonal or Recreational Units	18	1.9%	4,885	19.5%
Units in Structure				
1-unit detached	475	49.6%	18,287	72.9%
1-unit attached	0	0.0%	154	0.6%
2 units	29	3.0%	281	1.1%
3 or 4 units	80	8.4%	216	0.9%
5 to 9 units	53	5.5%	369	1.5%
10 to 19 units	73	7.6%	268	1.1%
20 or more units	138	14.4%	209	0.8%
Mobile Home	109	11.4%	5,284	21.1%
Boat, RV, Van, etc.	0	0.0%	16	0.1%
Age of Housing				
Built 2005 or later	3	0.3%	652	2.8%
Built 2000 to 2004	164	17.1%	652	2.8%
Built 1990 to 1999	187	19.5%	2,168	9.3%
Built 1980 to 1989	110	11.5%	2,168	9.3%
Built 1970 to 1979	90	9.4%	1,954	8.4%
Built 1960 to 1969	58	6.1%	3,044	13.1%
Built 1950 to 1959	107	11.2%	4,439	19.1%
Built 1940 to 1949	37	3.9%	3,237	14.0%
Built 1939 or earlier	201	21.0%	4,086	17.6%
Total Housing	957		25,084	
Home Values				
Less than \$50,000	78	17.9%	2,203	14.0%
\$50,000 to \$99,999	186	42.7%	4,097	26.0%
\$100,000 to \$149,999	122	28.0%	4,271	27.1%
\$150,000 to \$199,999	33	7.6%	2,3687	15.1%
\$200,000 to \$299,999	14	3.2%	1,700	10.8%
\$300,000 to \$499,999	3	0.7%	803	5.1%
\$500,000 to \$999,999	0	0.0%	226	1.4%
\$1,000,000 or more	0	0.0%	65	0.4%
Median Value	\$88,600		\$115,800	

Table 15, Housing Data, City of White Cloud and Newaygo County
Sources: Median Values and raw housing data taken from the 2000 U.S. Census

HOUSING SUBJECT	City of White Cloud		Newaygo County	
	Total	Percentage	Total	Percentage
Total Number of Housing Units	614	100%	25,075	100%
Occupied Housing Units	530	86.3%	18,406	73.4%
Owner-Occupied Housing	305	57.5%	15,170	82.4%
Renter-Occupied Housing Units	225	42.5%	3,236	17.6%
Vacant Housing Units	84	13.7%	6,669	26.6%
Seasonal or Recreational Units	10	1.6%	4,885	19.5%
Units in Structure				
1-unit detached	394	64.2%	18,287	72.9%
1-unit attached	2	0.3%	154	0.6%
2 units	28	4.6%	281	1.1%
3 or 4 units	11	1.8%	216	0.9%
5 to 9 units	79	12.9%	369	1.5%
10 to 19 units	22	3.6%	268	1.1%
20 or more units	22	3.6%	209	0.8%
Mobile Home	56	9.1%	5,284	21.1%
Boat, RV, Van, etc.	0	0.0%	16	0.1%
Age of Housing				
Built 2005 or later	9	1.5%	652	2.8%
Built 2000 to 2004	16	2.6%	652	2.8%
Built 1990 to 1999	80	13.0%	2,168	9.3%
Built 1980 to 1989	104	16.9%	2,168	9.3%
Built 1970 to 1979	103	16.8%	1,954	8.4%
Built 1960 to 1969	68	11.1%	3,044	13.1%
Built 1950 to 1959	90	14.7%	4,439	19.1%
Built 1940 to 1949	47	7.7%	3,237	14.0%
Built 1939 or earlier	97	15.8%	4,086	17.6%
Total Housing	614		25,084	
Home Values				
Less than \$50,000	54	17.7%	2,203	14.0%
\$50,000 to \$99,999	132	43.3%	4,097	26.0%
\$100,000 to \$149,999	68	22.3%	4,271	27.1%
\$150,000 to \$199,999	4	1.3%	2,368	15.1%
\$200,000 to \$299,999	32	10.5%	1,700	10.8%
\$300,000 to \$499,999	12	3.9%	803	5.1%
\$500,000 to \$999,999	0	0.0%	226	1.4%
\$1,000,000 or more	3	1.0%	65	0.4%
Median Value	\$86,100		\$115,800	

Table 16, Housing Data, City of Grant and Newaygo County
Sources: Median Values and raw housing data taken from the 2010 U.S. Census

HOUSING SUBJECT	City of Grant		Newaygo County	
	Total	Percentage	Total	Percentage
Total Number of Housing Units	378	100%	25,075	100%
Occupied Housing Units	315	83.3%	18,406	73.4%
Owner-Occupied Housing	178	56.5%	15,170	82.4%
Renter-Occupied Housing Units	137	43.5%	3,236	17.6%
Vacant Housing Units	63	16.7%	6,669	26.6%
Seasonal or Recreational Units	2	0.5%	4,885	19.5%
Units in Structure				
1-unit detached	200	52.9%	18,287	72.9%
1-unit attached	18	4.8%	154	0.6%
2 units	15	4.0%	281	1.1%
3 or 4 units	41	10.8%	216	0.9%
5 to 9 units	20	5.3%	369	1.5%
10 to 19 units	33	8.7%	268	1.1%
20 or more units	12	3.2%	209	0.8%
Mobile Home	39	10.3%	5,284	21.1%
Boat, RV, Van, etc.	0	0.0%	16	0.1%
Age of Housing				
Built 2005 or later	5	1.3%	652	2.8%
Built 2000 to 2004	53	14.0%	652	2.8%
Built 1990 to 1999	52	13.8%	2,168	9.3%
Built 1980 to 1989	45	11.9%	2,168	9.3%
Built 1970 to 1979	49	13.0%	1,954	8.4%
Built 1960 to 1969	12	3.2%	3,044	13.1%
Built 1950 to 1959	41	10.8%	4,439	19.1%
Built 1940 to 1949	32	8.5%	3,237	14.0%
Built 1939 or earlier	89	23.5%	4,086	17.6%
Total Housing	378		25,084	
Home Values				
Less than \$50,000	39	21.9%	2,203	14.0%
\$50,000 to \$99,999	61	34.3%	4,097	26.0%
\$100,000 to \$149,999	45	25.3%	4,271	27.1%
\$150,000 to \$199,999	17	9.6%	2,3687	15.1%
\$200,000 to \$299,999	16	9.0%	1,700	10.8%
\$300,000 to \$499,999	0	0.0%	803	5.1%
\$500,000 to \$999,999	0	0.0%	226	1.4%
\$1,000,000 or more	0	0.0%	65	0.4%
Median Value	\$92,100		\$115,800	

Table 17, Housing Data, Village of Hesperia and Newaygo County (Portions of the Village are in Oceana County)

Sources: Median Values and raw housing data taken from the 2010 U.S. Census

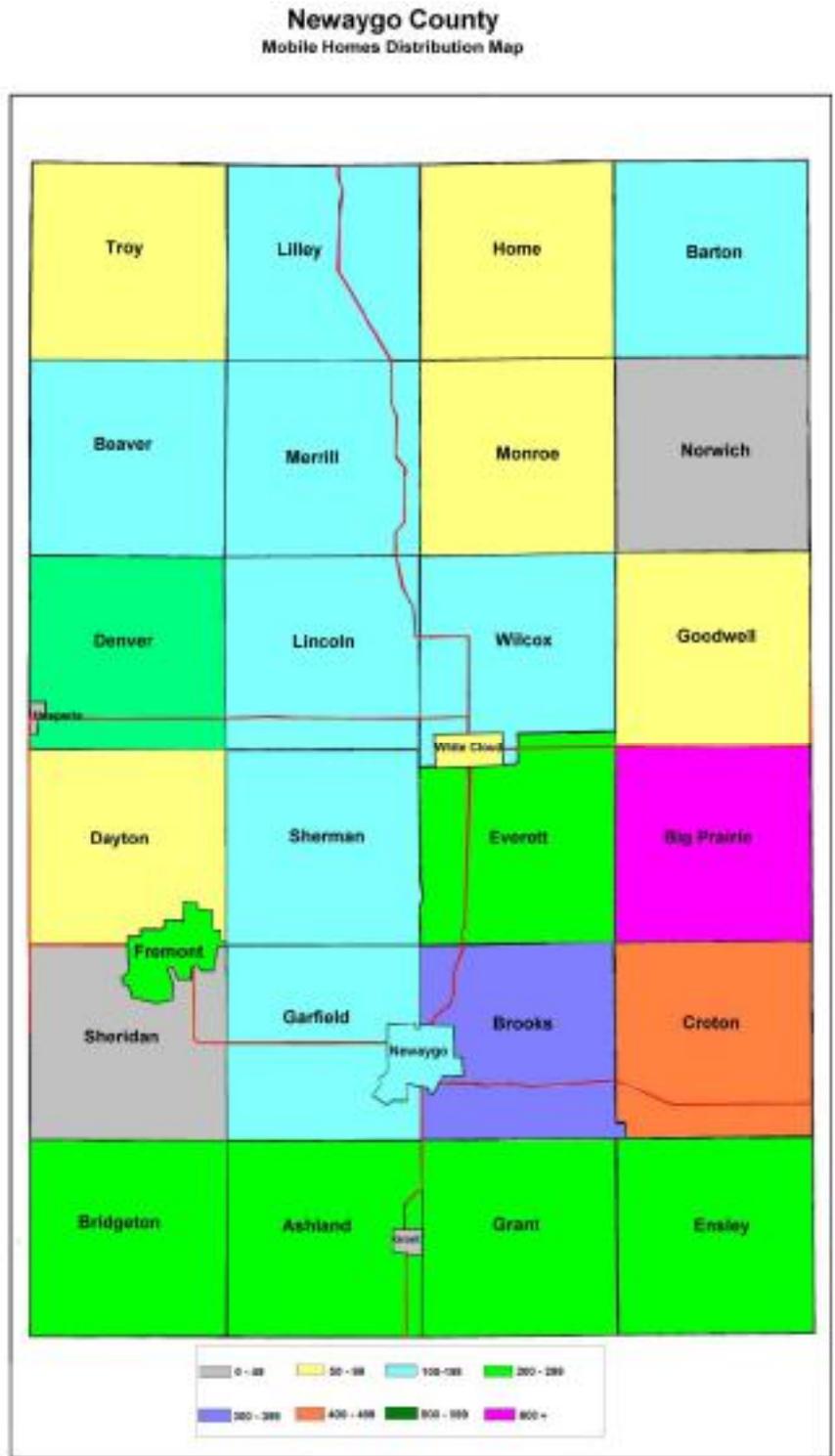
HOUSING SUBJECT	Village of Hesperia		Newaygo County	
	Total	Percentage	Total	Percentage
Total Number of Housing Units	466	100%	25,075	100%
Occupied Housing Units	424	91.0%	18,406	73.4%
Owner-Occupied Housing	293	69.1%	15,170	82.4%
Renter-Occupied Housing Units	131	30.9%	3,236	17.6%
Vacant Housing Units	42	9.0%	6,669	26.6%
Seasonal or Recreational Units	6	1.4%	4,885	19.5%
Units in Structure				
1-unit detached	335	71.9%	18,287	72.9%
1-unit attached	3	0.6%	154	0.6%
2 units	20	4.3%	281	1.1%
3 or 4 units	0	0.0%	216	0.9%
5 to 9 units	50	10.7%	369	1.5%
10 to 19 units	25	5.4%	268	1.1%
20 or more units	18	3.9%	209	0.8%
Mobile Home	15	3.2%	5,284	21.1%
Boat, RV, Van, etc.	0	0.0%	16	0.1%
Age of Housing				
Built 2005 or later	0	0.0%	652	2.8%
Built 2000 to 2004	16	3.4%	652	2.8%
Built 1990 to 1999	49	10.5%	2,168	9.3%
Built 1980 to 1989	35	7.5%	2,168	9.3%
Built 1970 to 1979	66	14.2%	1,954	8.4%
Built 1960 to 1969	75	16.1%	3,044	13.1%
Built 1950 to 1959	76	16.3%	4,439	19.1%
Built 1940 to 1949	59	12.7%	3,237	14.0%
Built 1939 or earlier	90	19.3%	4,086	17.6%
Total Housing	466		25,084	
Home Values				
Less than \$50,000	46	15.7%	2,203	14.0%
\$50,000 to \$99,999	138	47.1%	4,097	26.0%
\$100,000 to \$149,999	60	20.5%	4,271	27.1%
\$150,000 to \$199,999	36	12.3%	2,3687	15.1%
\$200,000 to \$299,999	5	1.7%	1,700	10.8%
\$300,000 to \$499,999	4	1.4%	803	5.1%
\$500,000 to \$999,999	4	1.4%	226	1.4%
\$1,000,000 or more	0	0.0%	65	0.4%
Median Value	\$92,000		\$115,800	

*Table 18, Mobile Homes Distribution in Newaygo County
Sources: Raw housing data taken from the 2010 U.S. Census*

NEWAYGO COUNTY MOBILE HOMES DISTRIBUTION		
COMMUNITY	# Mobile Homes	% Mobile Homes
Newaygo County *	5,284	100%
City of Fremont	254	4.8%
City of Newaygo	109	2.1%
City of White Cloud	56	1.1%
City of Grant	39	0.7%
Village of Hesperia	15	
Ashland Township	256	4.8%
Barton Township	145	2.7%
Beaver Township	116	2.2%
Big Prairie Township	807	15.3%
Bridgeton Township	296	5.6%
Brooks Township	394	7.5%
Croton Township	401	7.6%
Dayton Township	63	1.2%
Denver Township	272	5.1%
Ensley Township	222	4.2%
Everett Township	299	5.7%
Garfield Township	119	2.3%
Goodwell Township	77	1.5%
Grant Township	275	5.2%
Home Township	62	1.2%
Lilley Township	185	3.5%
Lincoln Township	154	2.9%
Merrill Township	172	3.3%
Monroe Township	86	1.6%
Norwich Township	43	0.8%
Sheridan Township	6	0.1%
Sherman Township	108	2.0%
Troy Township	85	1.6%
Wilcox Township	183	3.5%

* total of cities and townships; village total already included with township totals

source:
U.S. Census
Bureau

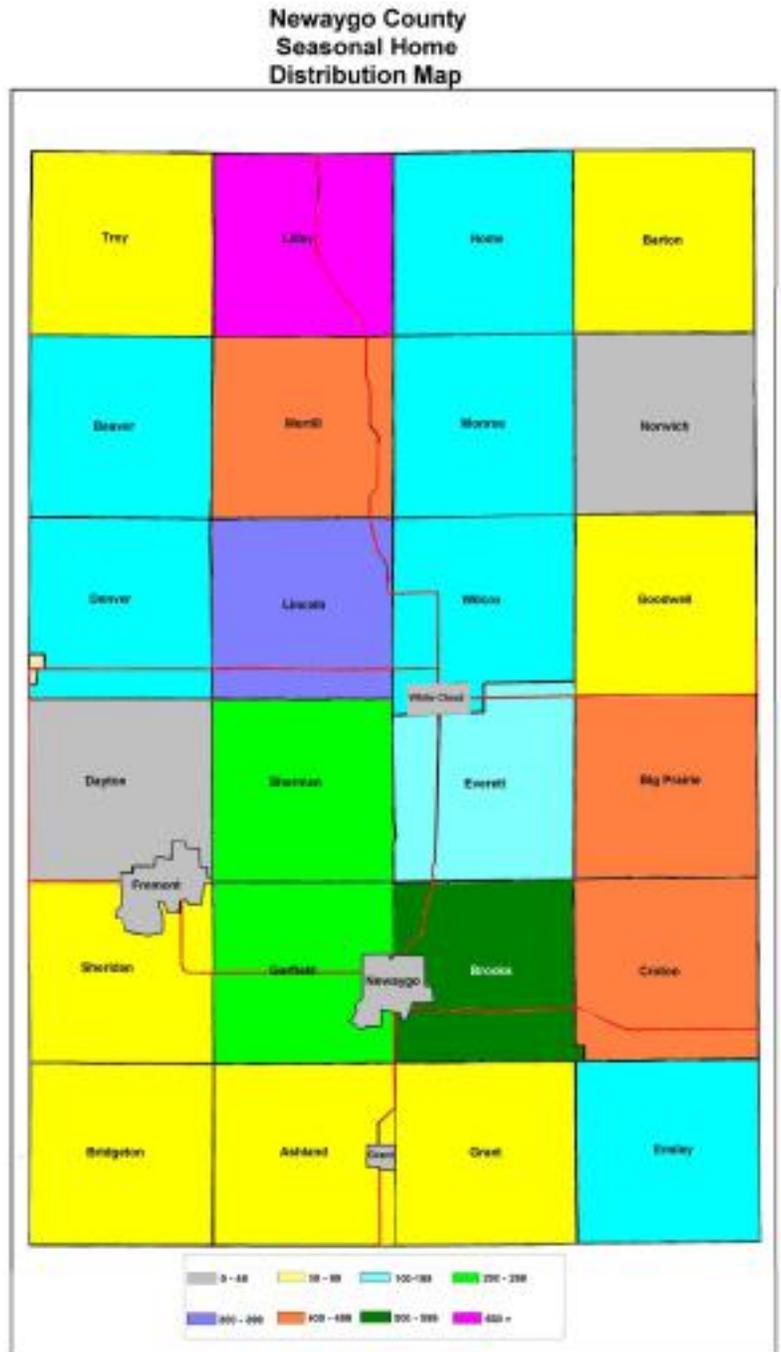


*Table 19, Seasonal Homes Distribution in Newaygo County
Sources: Raw housing data taken from the 2010 U.S. Census*

NEWAYGO COUNTY SEASONAL HOMES DISTRIBUTION		
COMMUNITY	# Seasonal Homes	% Seasonal Homes
Newaygo County	4,885	100%
City of Fremont	31	0.6%
City of Newaygo	18	0.4%
City of White Cloud	10	0.2%
City of Grant	2	0.0%
Village of Hesperia	6	
Ashland Township	89	1.8%
Barton Township	91	1.9%
Beaver Township	100	2.0%
Big Prairie Township	455	9.3%
Bridgeton Township	82	1.7%
Brooks Township	573	11.7%
Croton Township	473	9.7%
Dayton Township	35	0.7%
Denver Township	100	2.0%
Ensley Township	110	2.3%
Everett Township	111	2.3%
Garfield Township	212	4.3%
Goodwell Township	94	1.9%
Grant Township	69	1.4%
Home Township	138	2.8%
Lilley Township	629	12.9%
Lincoln Township	314	6.4%
Merrill Township	450	9.2%
Monroe Township	170	3.5%
Norwich Township	25	0.5%
Sheridan Township	57	1.2%
Sherman Township	228	4.7%
Troy Township	94	1.9%
Wilcox Township	125	2.6%

* total of cities and townships; village total already included with township totals

source:
U.S. Census
Bureau



Transportation Network

Highways and Roads

Several modes of transportation are available within Newaygo County, however movement into, out of, and within the county is primarily by private automobile. Four state highways serve the county. M-37 runs the entire length of Newaygo County from North to South and connects Grand Rapids, Grant, Newaygo, White Cloud, Baldwin, and Traverse City. M-37 also connects to M-20 and M-82 in Newaygo County. M-20 runs the east to west and connects Mt Pleasant, Big Rapids, White Cloud, Hesperia, and Hart. M-82 also runs east to west and connects Howard City, Newaygo, Fremont, and Muskegon. The Newaygo County Road Commission maintains local roads and bridges and contracts with MDOT for snow and debris removal on State roads. Roads include a mix of both paved and graveled surfaces. North-South Roads west of M-37 are named after Presidents of the United States and east of M-37 are named after trees. East-West Roads north of M-20 are Mile Roads and south of M-20 are 10ths.

Major local connectors or “Class A” roads include the following list:

Old M-20 East

(May not be Class A in Mecosta County)

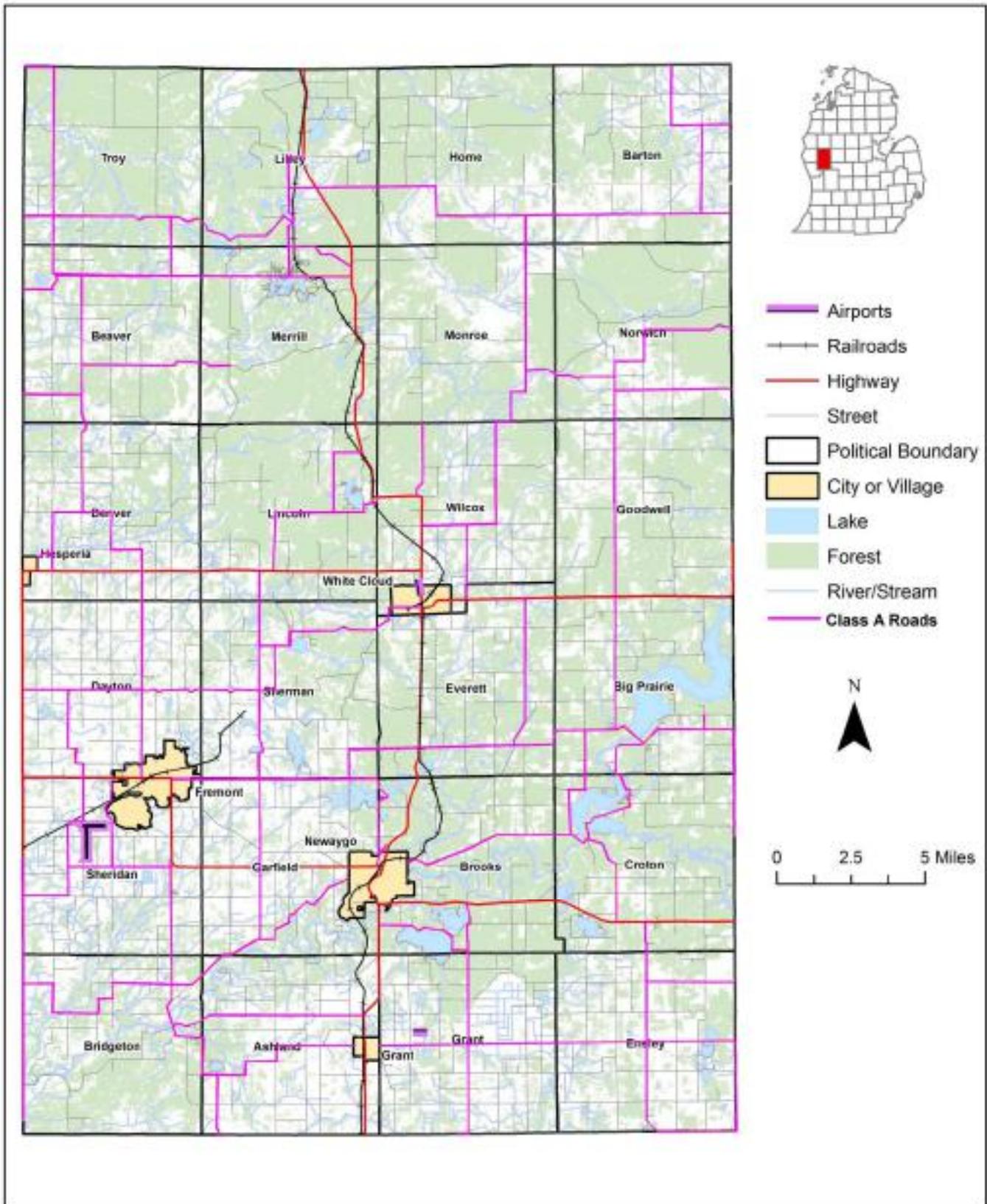
- 9 Mile from Cypress to Mecosta County
- Cypress from 8 Mile to 9 Mile
- 8 Mile from Elm to Cypress
- Elm from 8 Mile to Polk
- Polk/Fillmore from Oak to Elm
- Oak from Fillmore to 7 Mile
- 7 Mile from Oak to Thornapple
- Thornapple from 6 Mile to 7 Mile
- 6 Mile from Thornapple to Poplar
- Poplar from 6 Mile to Monroe
- Monroe from Poplar to M-37

Old M-20 West

- Echo Dr. west out of White Cloud to Bingham
- Bingham from Echo to 12th St.
- 12th St. from Bingham to Wisner
- Wisner from 12th St. to 24th St.
- 24th St. from Wisner to Baldwin
- Baldwin from 24th St. to 72nd St. (M-82)
- 16th St. from M-37 to Walnut
- 40th St. from M-37 to Gordon
- Gordon from 40th St. to 48th St.
- 48th St. from Gordon to Warner
- Stone from 1 Mile (M-20) to 48th St.
- Green Ave. from 48th St. (M-82) south to 64th St.
- Warner from 72nd (M-82) to White River
- 104th St. from Maple Island to Dickinson
- Dickinson from 104th St. to 112th St.
- 112th St. from Dickinson to Fitzgerald
- 128th St. from Alger to Bagley
- Bagley from 128th St. to 124th St.
- 124th St. from Bagley to Wisner
- Wisner from 124th St. to 120th St.
- Moore from Alger to Croswell
- 120th St. from Cypress to Elder
- Spruce from M-82 to Moore
- Green Ave. south of 48th (M-82) south to Lake Dr.

Newaygo County

Class A Road Map



Local Transit Service

There is no transit Service in Newaygo County.

Airports

The Newaygo County has three airports within the County. The White Cloud Airport is located just 1 Mile north of the City of White Cloud on M-37 and is owned and operated by the City of White Cloud. The airport is primarily used for business, flight school, and industry and does not have scheduled flights. The airport has one runway: Runway 18/36. Runway 18/36 is an asphalt runway 2917 ft. by 60 ft. at an elevation of 915.0 ft. lighted by medium intensity runway edge lights. 100 Low Lead Aviation Fuel is available at the airport as well as hangars and tie-downs for parking.

The Fremont Municipal Airport is 3 miles south west of the City of Fremont and is owned and operated by the City of Fremont. The airport is primarily used for business, glider operations, and industry and does not have scheduled flights. The airport has two asphalt runways, runway 18/36 and runway 9/27. Runway 18/36 is 6,498 feet by 100 feet at an elevation of 769.7 ft. with a weight bearing capacity of 30,000 lbs. and is marked with runway lights. Runway 9/27 is 3502 feet by 75 feet at an elevation of 766.9 feet with a weight bearing capacity of 16,000 lbs. on a single wheel and is marked with medium intensity runway edge lights. 100 Low Lead Aviation Fuel and Jet A Fuel are both available along with hangars and tie-downs for parking.

Grant Airport is located 2 miles north east of Grant and is privately owned by David Koopman from Grant. The airport has one turf runway, Runway 9/27, 2,517 feet by 120 feet at an elevation of 815.0 feet marked with low intensity runway edge lights. The airport does not have fuel, however it does have tie-downs for parking.

There are six major airports that are located within two hours of Newaygo County.

Airport Name	Distance from County
Muskegon County Airport	15 Miles
Gerald R. Ford International Airport	25 Miles
Traverse City Cherry Capital Airport	75 Miles
MBS International Airport	83 Miles
Kalamazoo Battle Creek International Airport	85 Miles
Lansing Capital Region International Airport	85 Miles
Bishop (Flint) International Airport	135 Miles
Detroit Metropolitan International Airport	185 Miles

Rail Service and Water Ports

Newaygo County does not have either passenger rail service or a water port. There are 22 Amtrak Stations in Michigan, with the closest in Grand Rapids which is approximately 25 miles outside the county. There are 6 water ports on Lake Michigan, with the closest in Muskegon which is approximately 15 miles outside the county.

Population Characteristics

Current and Historical Data

The 2010 census shows since 1970 Newaygo County is currently growing at a faster rate than the state average, however this has not always been true. From the 1900 through the 1970 Census, Newaygo County grew at a slower rate than the state through 1970 and declined in population twice during the early 1900's. The population decline occurred during WWI and a time of disease, such as the Spanish Flu, Small Pox, and Consumption. Table 20, Past Population Comparison, Newaygo County and the State of Michigan 1850-2010 shows Newaygo County's population during each census since 1850, the percentage change in Newaygo County's population, and the percentage change in Michigan's population.

*Table 20: Past Population Comparison, Newaygo County and the State of Michigan 1850-2010
Sources: Population figures and other raw data taken from U.S. Census Historical Data
Percentages calculated by Newaygo County Emergency Services*

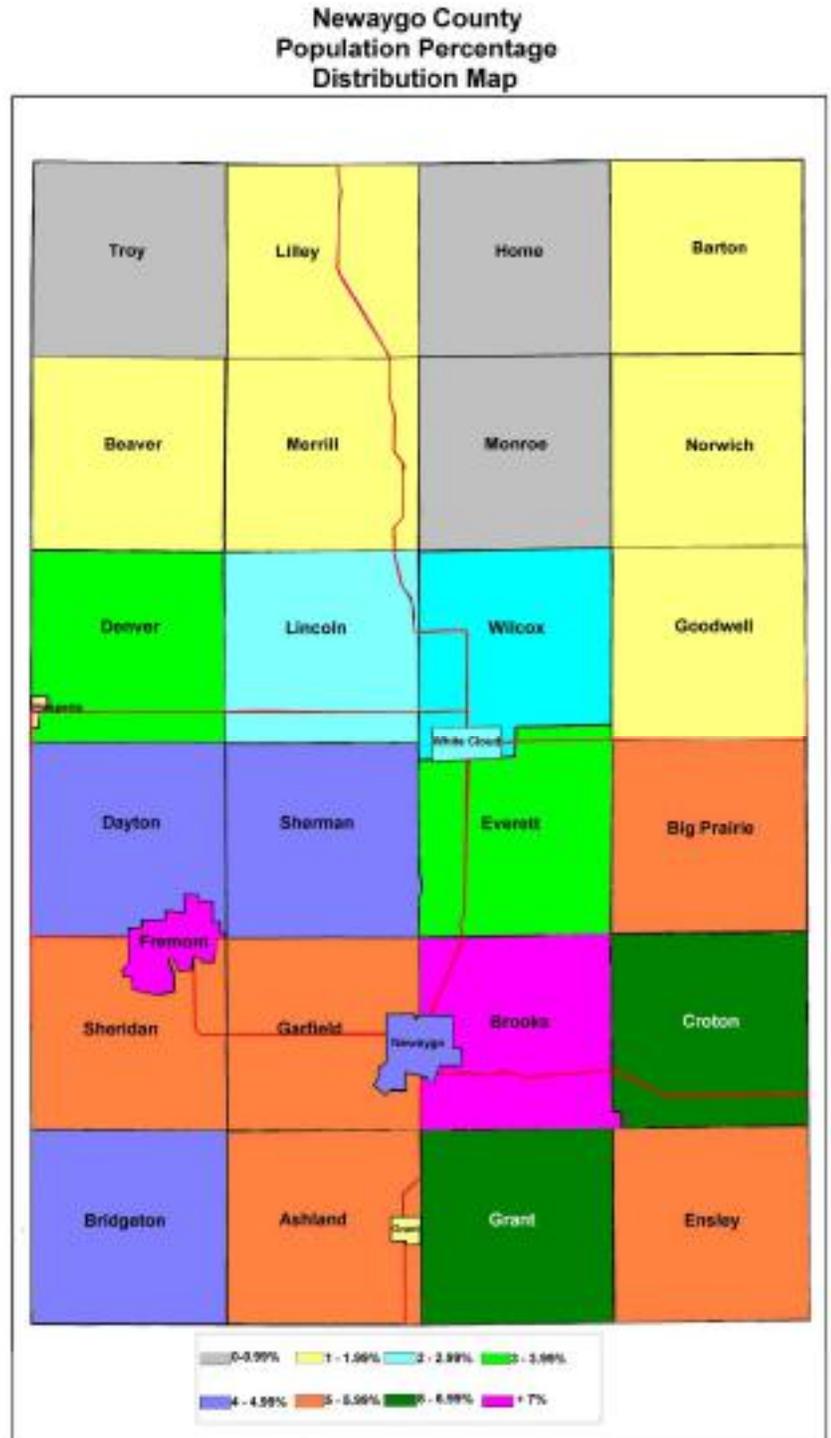
YEAR	Newaygo County		Michigan	
	Population	Percentage Change	Population	Percentage Change
1850	510			
1860	2,760	81.52%		
1870	7,294	62.16%		
1880	14,688	101.37%		
1890	20,476	29.59%		
1894	19,125	-7.06%		
1900	17,673	-8.21%	2,420,982	
1910	19,220	8.75%	2,810,173	16.08%
1920	17,378	-9.25%	3,668,412	30.54%
1930	17,029	-2.00%	4,842,325	32.00%
1940	19,286	13.25%	5,256,106	8.55%
1950	21,567	11.83%	6,371,766	21.23%
1960	24,160	12.02%	7,823,194	22.78%
1970	27,992	15.86%	8,875,083	13.45%
1980	34,917	24.74%	9,262,078	4.36%
1990	38,202	9.41%	9,295,297	0.36%
2000	47,874	25.84%	9,938,444	6.92%
2010	48,460	1.22%	9,883,640	-0.55%

Table 21, Population Distribution in Newaygo County
Sources: Raw population data taken from the 2010 U.S. Census

NEWAYGO COUNTY POPULATION DISTRIBUTION		
COMMUNITY	Population	% Population
Newaygo County	48,460	100%
City of Fremont	4,081	8.42%
City of Newaygo	1,976	4.08%
City of White Cloud	1,408	2.91%
City of Grant	894	1.84%
Village of Hesperia	954	
Ashland Township	2,773	5.72%
Barton Township	717	1.48%
Beaver Township	509	1.05%
Big Prairie Township	2,573	5.31%
Bridgeton Township	2,141	4.42%
Brooks Township	3,510	7.24%
Croton Township	3,228	6.66%
Dayton Township	1,949	4.02%
Denver Township	1,928	3.98%
Ensley Township	2,635	5.44%
Everett Township	1,862	3.84%
Garfield Township	2,537	5.24%
Goodwell Township	547	1.13%
Grant Township	3,294	6.80%
Home Township	232	0.48%
Lilley Township	797	1.64%
Lincoln Township	1,275	2.63%
Merrill Township	667	1.38%
Monroe Township	320	0.66%
Norwich Township	607	1.25%
Sheridan Township	2,510	5.18%
Sherman Township	2,109	4.35%
Troy Township	283	0.58%
Wilcox Township	1,098	2.27%

* total of cities and townships; village total already included with township totals

source:
 U.S. Census
 Bureau



Seasonal Population Trends

In the spring and summer months, Newaygo County experiences a significant population increase due to seasonal residences, summer youth camps, and numerous recreational activities. The following is an estimated population during the peak months. The population estimate for seasonal homes is based on the number of seasonal homes in Newaygo County times the average household size reported in the 2010 US Census. The data for the number of campsites in Newaygo County is from the District 10 Public Health Department Environmental Office. The data for the Youth Camps, Hotels, and Bed and Breakfasts are based on their total reported capacity.

	Newaygo County Population	Newaygo County % Change
2010 Census Total	48,460	
Seasonal Homes (4,885 Homes x 2.60 Persons per household)	12,701	+ 26.2%
Campsites (1,995 sites x 4 Persons per campsite)	7,980	+ 21.7%
Youth Camps 6 Camps	1,448	+ 3.0%
Hotels and Bed & Breakfasts 23 Facilities	1,024	+ 2.1%
Outdoor recreational activities (Muskegon River, Parks, and special events)		
Projected Increase	71,523	+47.6%

Projected Population

Based on data from "The Economic and Demographic Outlook for Michigan through 2040" prepared by the University of Michigan Institute for Research on Labor, Employment, and the Economy for the Michigan Department of Transportation Bureau of Transportation Planning, it is projected Newaygo County will continue to grow at a faster rate than the statewide average through the year 2040.

Household Distribution

Household Distribution can influence a community's needs since the distribution often identifies unique community traits. Newaygo County has several household characteristics that may influence hazard planning. Table 20 shows the County has a higher proportion of family households than Michigan. Within the overall category of family households, Newaygo County has a higher percentage of married couples than the state, a lower proportion of female householders with no spouse and lower percentage of male householders with no spouse comparison to Michigan as a whole.

*Table 22: Household and Family Characteristics of Newaygo County and the State of Michigan
Source: 2010 U.S. Census*

Households By Type	Newaygo County		Michigan	
	Total	Percentage	Total	Percentage
Total households	18,406	100%	3,872,508	100%
Family households (families)	13,162	71.5%	2,554,073	66%
Male Householder	9,937	54.0%	1,774,864	45.8%
Female Householder	3,225	17.5%	779,209	20.1%
Nonfamily households	5,244	28.5%	1,318,435	34.0%
Male householder	2,698	14.7%	618,903	16.0%
Living Alone	2,120	11.5%	483,093	12.5%
Female householder	2,546	13.8%	699,532	18.1%
Living Alone	2,161	11.7%	596,585	15.4%
Husband-Wife Families	10,363	100%	1,857,127	100%
With related children under 18 years	4,036	38.9%	773,630	41.7%
With own children under 18 years	3,696	35.7%	730,892	39.4%
Under 6 years only	635	6.1%	151,340	8.1%
Under 6 and 6 to 17 years	804	7.8%	150,573	8.1%
6 to 17 years only	2,257	21.8%	428,979	23.1%
Female householder, no husband present families	1,832	100%	511,583	100%
With related children under 18 years	1,194	65.2%	328,376	64.2%
With own children under 18 years	1,036	56.6%	284,562	55.6%
Under 6 years only	221	12.1%	57,710	11.3%
Under 6 and 6 to 17 years	183	10.0%	50,892	9.9%
6 to 17 years only	632	34.5%	1758,960	34.4%
Average Household size	2.60		2.49	
Average Family size	3.04		3.05	

*Table 23: Household and Family Characteristics of City of Fremont and Newaygo County
Source: 2010 U.S. Census*

Households By Type	City of Fremont		Newaygo County	
	Total	Percentage	Total	Percentage
Total households	1,781	100%	18,406	100%
Family households (families)	1,107	62.2%	13,162	71.5%
Male Householder	719	40.4%	9,937	54.0%
Female Householder	388	21.8%	3,225	17.5%
Nonfamily households	674	37.8%	5,244	28.5%
Male householder	238	13.4%	2,698	14.7%
Living Alone	200	11.2%	2,120	11.5%
Female householder	436	24.5%	2,546	13.8%
Living Alone	396	22.2%	2,161	11.7%
Husband-Wife Families	776	100%	10,363	100%
With related children under 18 years	286	36.9%	4,036	38.9%
With own children under 18 years	272	35.1%	3,696	35.7%
Under 6 years only	62	8.0%	635	6.1%
Under 6 and 6 to 17 years	68	8.8%	804	7.8%
6 to 17 years only	142	18.3%	2,257	21.8%
Female householder, no husband present families	263	100%	1,832	100%
With related children under 18 years	183	69.6%	1,194	65.2%
With own children under 18 years	171	65.0%	1,036	56.6%
Under 6 years only	45	17.1%	221	12.1%
Under 6 and 6 to 17 years	32	12.2%	183	10.0%
6 to 17 years only	94	35.7%	632	34.5%
Average Household size	2.27		2.60	
Average Family size	2.88		3.04	

*Table 24: Household and Family Characteristics of City of Newaygo and Newaygo County
Source: 2010 U.S. Census*

Households By Type	City of Newaygo		Newaygo County	
	Total	Percentage	Total	Percentage
Total households	786	100%	18,406	100%
Family households (families)	502	63.9%	13,162	71.5%
Male Householder	299	38.0%	9,937	54.0%
Female Householder	203	25.8%	3,225	17.5%
Nonfamily households	284	36.1%	5,244	28.5%
Male householder	101	12.8%	2,698	14.7%
Living Alone	77	9.8%	2,120	11.5%
Female householder	183	23.3%	2,546	13.8%
Living Alone	164	20.9%	2,161	11.7%
Husband-Wife Families	312	100%	10,363	100%
With related children under 18 years	154	49.4%	4,036	38.9%
With own children under 18 years	144	46.2%	3,696	35.7%
Under 6 years only	27	8.7%	635	6.1%
Under 6 and 6 to 17 years	37	11.9%	804	7.8%
6 to 17 years only	80	25.6%	2,257	21.8%
Female householder, no husband present families	159	100%	1,832	100%
With related children under 18 years	105	66.0%	1,194	65.2%
With own children under 18 years	99	62.3%	1,036	56.6%
Under 6 years only	31	19.5%	221	12.1%
Under 6 and 6 to 17 years	16	10.1%	183	10.0%
6 to 17 years only	52	32.7%	632	34.5%
Average Household size	2.51		2.60	
Average Family size	3.10		3.04	

*Table 25: Household and Family Characteristics of City of White Cloud and Newaygo County
Source: 2010 U.S. Census*

Households By Type	City of White Cloud		Newaygo County	
	Total	Percentage	Total	Percentage
Total households	467	100%	18,406	100%
Family households (families)	294	63.0%	13,162	71.5%
Male Householder	174	37.3%	9,937	54.0%
Female Householder	120	25.7%	3,225	17.5%
Nonfamily households	173	37.0%	5,244	28.5%
Male householder	71	15.2%	2,698	14.7%
Living Alone	52	11.1%	2,120	11.5%
Female householder	102	21.8%	2,546	13.8%
Living Alone	89	19.1%	2,161	11.7%
Husband-Wife Families	180	100%	10,363	100%
With related children under 18 years	77	42.8%	4,036	38.9%
With own children under 18 years	72	40.0%	3,696	35.7%
Under 6 years only	17	9.4%	635	6.1%
Under 6 and 6 to 17 years	23	12.8%	804	7.8%
6 to 17 years only	32	17.8%	2,257	21.8%
Female householder, no husband present families	86	100%	1,832	100%
With related children under 18 years	63	73.3%	1,194	65.2%
With own children under 18 years	56	65.1%	1,036	56.6%
Under 6 years only	14	16.3%	221	12.1%
Under 6 and 6 to 17 years	7	8.1%	183	10.0%
6 to 17 years only	35	40.7%	632	34.5%
Average Household size	2.59		2.60	
Average Family size	3.20		3.04	

*Table 26: Household and Family Characteristics of City of Grant and Newaygo County
Source: 2010 U.S. Census*

Households By Type	City of Grant		Newaygo County	
	Total	Percentage	Total	Percentage
Total households	361	100%	18,406	100%
Family households (families)	229	63.4%	13,162	71.5%
Male Householder	130	36.0%	9,937	54.0%
Female Householder	99	27.4%	3,225	17.5%
Nonfamily households	132	36.6%	5,244	28.5%
Male householder	44	12.2%	2,698	14.7%
Living Alone	33	9.1%	2,120	11.5%
Female householder	88	24.4%	2,546	13.8%
Living Alone	82	22.7%	2,161	11.7%
Husband-Wife Families	148	100%	10,363	100%
With related children under 18 years	73	49.3%	4,036	38.9%
With own children under 18 years	69	46.6%	3,696	35.7%
Under 6 years only	20	13.5%	635	6.1%
Under 6 and 6 to 17 years	13	8.8%	804	7.8%
6 to 17 years only	36	24.3%	2,257	21.8%
Female householder, no husband present families	62	100%	1,832	100%
With related children under 18 years	46	74.2%	1,194	65.2%
With own children under 18 years	41	66.1%	1,036	56.6%
Under 6 years only	12	19.4%	221	12.1%
Under 6 and 6 to 17 years	11	17.7%	183	10.0%
6 to 17 years only	18	29.0%	632	34.5%
Average Household size	2.46		2.60	
Average Family size	3.06		3.04	

*Table 27: Household and Family Characteristics of Village of Hesperia and Newaygo County
Source: 2010 U.S. Census*

Households By Type	Village of Hesperia		Newaygo County	
	Total	Percentage	Total	Percentage
Total households	382	100%	18,406	100%
Family households (families)	231	60.5%	13,162	71.5%
Male Householder	160	41.9%	9,937	54.0%
Female Householder	71	18.6%	3,225	17.5%
Nonfamily households	151	39.5%	5,244	28.5%
Male householder	52	13.6%	2,698	14.7%
Living Alone	45	11.8%	2,120	11.5%
Female householder	99	25.9%	2,546	13.8%
Living Alone	88	23.0%	2,161	11.7%
Husband-Wife Families	152	100%	10,363	100%
With related children under 18 years	65	42.8%	4,036	38.9%
With own children under 18 years	56	36.8%	3,696	35.7%
Under 6 years only	4	2.6%	635	6.1%
Under 6 and 6 to 17 years	14	9.2%	804	7.8%
6 to 17 years only	38	25.0%	2,257	21.8%
Female householder, no husband present families	51	100%	1,832	100%
With related children under 18 years	44	86.3%	1,194	65.2%
With own children under 18 years	37	72.5%	1,036	56.6%
Under 6 years only	14	27.5%	221	12.1%
Under 6 and 6 to 17 years	5	9.8%	183	10.0%
6 to 17 years only	18	35.3%	632	34.5%
Average Household size	2.45		2.60	
Average Family size	3.14		3.04	

Age, Gender, Racial, Non-English Speaking, Special Needs, and Educational Data

In addition to population totals, U.S. Census data provides insight into other social characteristics of our country, state, and of Newaygo County's residents. Tables 28 through 35 provide a quick snapshot of many of these characteristics. Once again, for comparison purposes, statistics for the State of Michigan are also included.

Age Distribution

Age distribution of a county can influence the types of facilities and programs within the county. Age distribution within Newaygo County closely mirrors that of the state as a whole. The median age for Newaygo County is 36 while the median age for the State of Michigan is 35. Newaygo County has a larger percentage of citizens under the age of twenty, 31.7%, compared to the State, 29.0%, and a similar percentage of citizens over the age of sixty-five, 12.8%, compared to the State, 12.3%. These statistics are important in identifying the number of special needs populations or vulnerable facilities such as schools, nursing homes, and extended care facilities within the County. Special needs populations are an important consideration in disaster planning and response due to need for additional support and assistance beyond standard care.

*Table 28: Age Distribution within Newaygo County and the State of Michigan
Source: 2010 U.S. Census, American Fact Finder*

AGE CATEGORY	Newaygo County		Michigan	
	Total	Percentage	Total	Percentage
	48,460		9,883,640	
Under 5 years	3,018	6.2%	596,286	6.0%
5 to 9 years	3,230	6.7%	637,784	6.5%
10 to 14 years	3,533	7.3%	675,216	6.8%
15 to 19 years	3,594	7.4%	739,599	7.5%
20 to 24 years	2,616	5.4%	669,072	6.8%
25 to 29 years	2,453	5.1%	589,583	6.0%
30 to 34 years	2,509	5.2%	574,566	5.8%
35 to 39 years	2,712	5.6%	612,493	6.2%
40 to 44 years	3,120	6.4%	665,481	6.7%
45 to 49 years	3,897	8.0%	744,581	7.5%
50 to 54 years	3,821	7.9%	765,452	7.7%
55 to 59 years	3,438	7.1%	683,186	6.9%
60 to 64 years	2,991	6.2%	568,811	5.8%
65 to 69 years	2,415	5.0%	418,625	4.2%
70 to 74 years	1,954	4.0%	306,811	5.8%
75 to 79 years	1,345	2.8%	244,085	2.0%
80 to 84 years	958	2.0%	200,855	2.0%
85 years and over	856	1.8%	191,881	1.9%
Median Age	40.9		38.9	

Gender Distribution

Most communities have a higher proportion of females since they have a longer life expectancy. According to the 2010 United States Census, In Michigan, females account for 50.9% of the population and males account for 49.1% of the population. In Newaygo County, females account for 49.7% of Newaygo County’s population and males account to 50.3% of the population. Throughout Newaygo County, all cities and the Village of Hesperia have a higher female population, with the exception of the City of White Cloud which has a larger male population due to the County Jail.

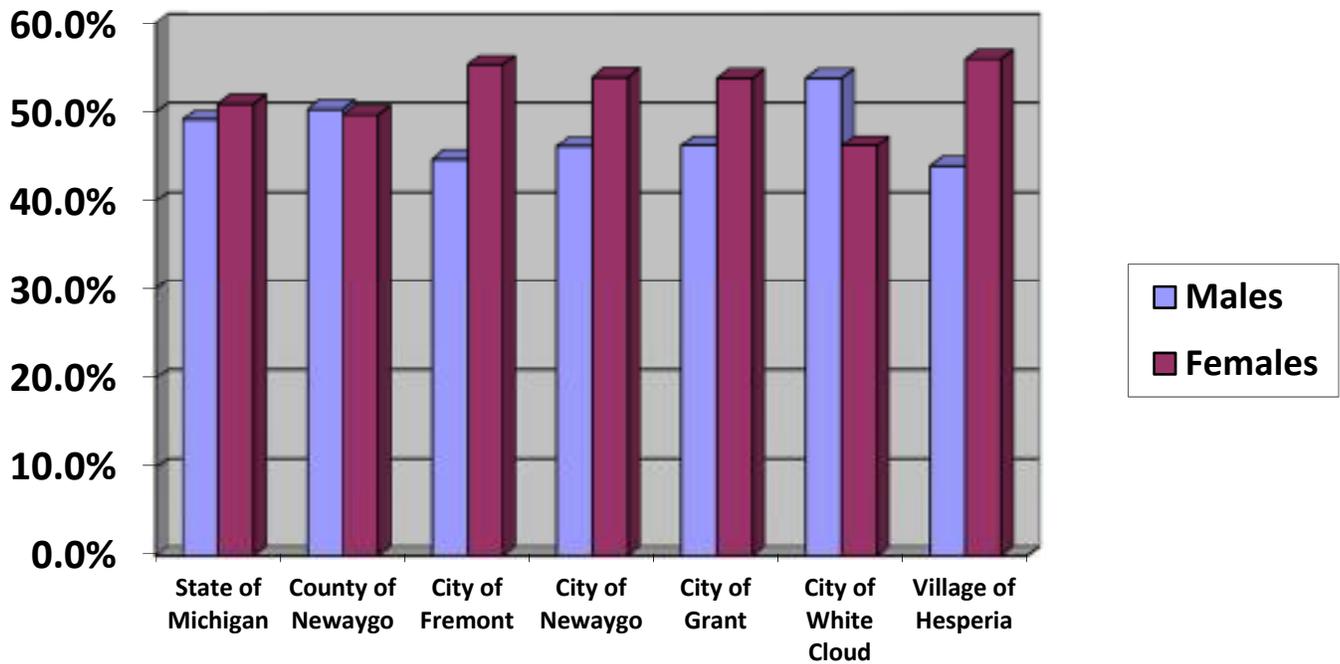


Table 29: Gender Distribution within Newaygo County and the State of Michigan
 Source: 2010 U.S. Census, American Fact Finder

NEWAYGO COUNTY GENDER DISTRIBUTION				
COMMUNITY	# Males	% Total Population	# Females	% Total Population
State of Michigan	4,848,114	49.1%	5,035,526	50.9%
Newaygo County *	24,390	50.3%	24,070	49.7%
City of Fremont	1,825	44.7%	2,256	55.3%
City of Newaygo	910	46.1%	1,066	53.9%
City of White Cloud	758	53.8%	650	46.2%
City of Grant	413	46.2%	481	53.8%
Village of Hesperia	420	44.0%	534	56.0%

Racial Distribution

The racial distribution of Newaygo County is different than Michigan's distribution. Overall, Newaygo County is less diverse than the state as a whole. Newaygo County is predominantly a White Community, with a small percentage of African American, American Indian, and Asian.

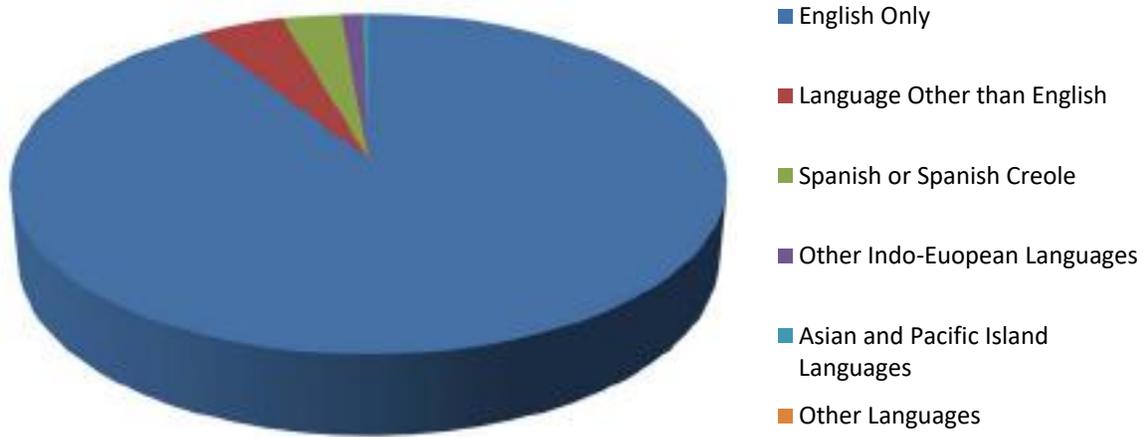
Table 30: Racial Characteristics of Newaygo County and the State of Michigan
Source: 2010 U.S. Census

RACE	Newaygo County		Michigan	
	Total	Percentage	Total	Percentage
Total Population	48,460		9,883,640	
One race	47,632	98.3%	9,653,321	97.7%
White	45,625	94.1%	7,803,120	78.9%
Black or African American	495	1.0%	1,400,362	14.2%
American Indian and Alaska Native	372	0.8%	62,007	0.6%
Asian	187	0.4%	238,199	2.4%
Asian Indian	28	0.1%	77,132	0.8%
Chinese	47	0.1%	44,496	0.5%
Filipino	33	0.1%	22,047	0.2%
Japanese	11	0.0%	10,911	0.1%
Korean	23	0.0%	24,186	0.2%
Vietnamese	10	0.0%	16,787	0.2%
Other Asian ¹	35	0.1%	42,640	0.4%
Native Hawaiian and Other Pacific	11	0.0%	2,607	0.0%
Native Hawaiian	1	0.0%	753	0.0%
Guamanian or Chamorro	4	0.0%	521	0.0%
Samoan	0	0.0%	359	0.0%
Other Pacific Islander ²	6	0.0%	791	0.0%
Some other race	942	1.9%	147,029	1.3%
Two or more races	828	1.7%	230,319	2.3%

Primary Language

The primary language spoken at home is less diverse than Michigan as a whole. A higher percentage of Newaygo County households speak English at home compared to the State of Michigan. Data for Newaygo County was not collected in the 2010 census, therefore data from the 2000 census was utilized.

Primary Language Spoken at Home



*Table 31: English Speaking Households
Source: 2000 and 2010 U.S. Census*

LANGUAGE SPOKEN AT HOME	Newaygo County		Michigan	
	Total	Percentage	Total	Percentage
Population 5 years and over	44,614	100%	9,305,604	96.8%
English only	42,488	95.2%	8,477,438	91.1%
Language other than English	2,126	4.8%	828,202	8.9%
Speak English less than 'very well	785	1.8%	298,153	36.0%
Spanish or Spanish Creole	1,418	3.2%	266,659	2.9%
Speak English less than "very well"	536	1.2%	99,197	37.2%
Other Indo-European languages	570	1.3%	277,618	3.0%
Speak English less than "very well"	172	0.4%	81,620	29.4%
Asian and Pacific Island languages	118	0.3%	133,973	1.4%
Speak English less than "very well"	70	0.2%	58,397	43.6%
Other Languages			148,942	1.6%
Speak English less than "very well"			58,683	39.4%

Physical Disabilities

Special needs populations or individuals with physical disabilities can require additional assistance in the event of certain emergencies such as power outages or severe weather. Compared to the State of Michigan, Newaygo County has a higher percentage of people with a physical disability.

*Table 32: Population with Physical Disabilities
Source: 2010 US Census of Population*

	Newaygo County			Michigan		
	Total	With a Disability	Percent	Total	With a Disability	Percent
Total civilian non-institutionalized Population	47,900	8,186	17.1%	9,790,070	1,308,397	13.4%
Population under 5 Years	3,041	88	2.9%	603,086	4,324	0.7%
With a hearing difficulty		39	1.3%		2,536	0.4%
With a vision difficulty		67	2.2%		2,450	0.4%
Population 5 to 17 Years	9,182	863	9.4%	1,767,900	110,408	6.2%
With a hearing difficulty		84	0.9%		12,464	0.7%
With a vision difficulty		223	2.4%		13,954	0.8%
With a cogitative difficulty		641	7.0%		87,782	5.0%
With an ambulatory difficulty		22	0.2%		11,993	0.7%
With a self-care difficulty		84	0.9%		16,903	1.0%
Population 18 to 64 Years	28,497	4,384	15.4%	6,116,348	706,577	11.6%
With a hearing difficulty		1,263	4.4%		139,393	2.3%
With a vision difficulty		612	2.1%		108,330	1.8%
With a cogitative difficulty		1,903	6.7%		304,685	5.0%
With an ambulatory difficulty		2,245	7.9%		360,804	5.9%
With a self-care difficulty		726	2.5%		133,872	2.2%
With an independent living difficulty		1,575	5.5%		263,123	4.3%
Population 65 years and over	7,180	2,851	39.7%	1,302,736	284,088	37.4%
With a hearing difficulty		1,533	21.4%		207,241	15.9%
With a vision difficulty		594	8.3%		82,493	6.3%
With a cogitative difficulty		697	9.7%		124,106	9.5%
With an ambulatory difficulty		1,713	23.9%		305,953	23.5%
With a self-care difficulty		562	7.8%		109,123	8.4%
With an independent living difficulty		1,011	14.1%		212,508	16.3%

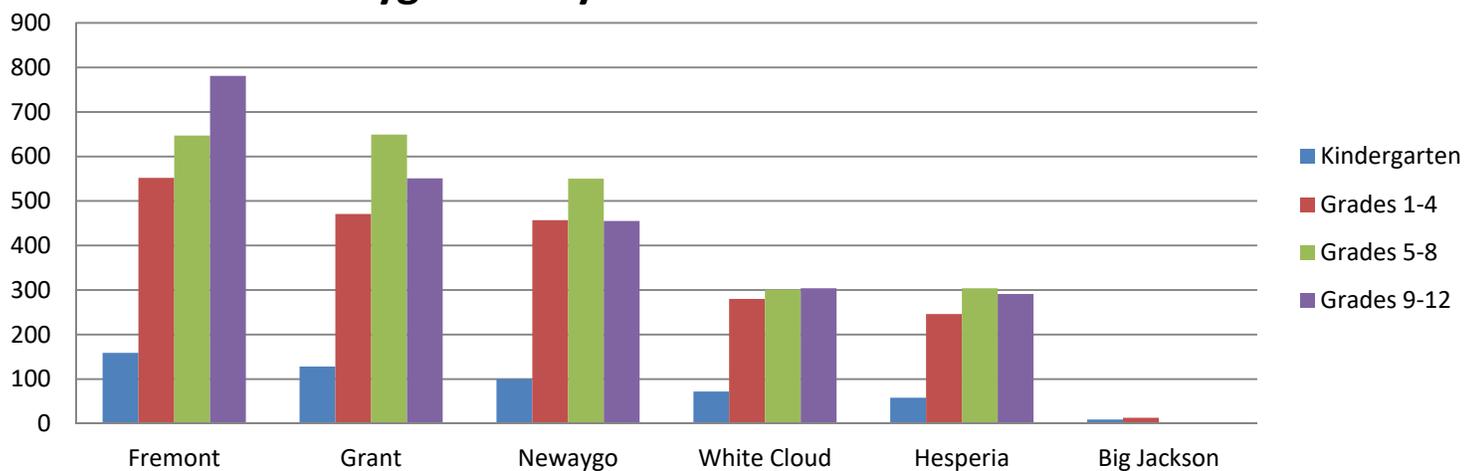
Education

Educational attainment is important for several reasons, many of which lead to quality of life issues. Newaygo County has a slightly higher population 3 years and over enrolled in school.

*Table 33: School Enrollment, Newaygo County and the State of Michigan
Source: 2010 U.S. Census, 2008 – 2010 American Community Survey 3 Year Estimates*

SCHOOL ENROLLMENT	Newaygo County			Michigan		
	Total	Public	Private	Total	Public	Private
Population 3 years and over enrolled in school	11,941	87.0%	13.0%	2,737,830	86.7%	13.3%
Nursery school, preschool	858	88.3%	11.7%	149,336	65.7%	34.3%
Kindergarten	694	93.7%	6.3%	130,865	88.1%	11.9%
Elementary School (grades 1-4)	2,555	89.0%	11.0%	515,725	89.2%	10.8%
Elementary School (grades 5-8)	2,893	91.4%	8.6%	544,035	90.1%	9.9%
High School (grades 9-12)	3,138	90.5%	9.5%	598,414	91.7%	8.3%
College, Undergraduate	1,563	68.3%	31.7%	669,881	83.8%	16.2%
Graduate, Professional School	240	64.2%	35.8%	129,574	76.0%	24.0%

Newaygo County School Districts Enrollment



*Table 34: Newaygo County School Districts Enrollment
Source: MI School Data from the Michigan Department of Education 2018-2019 School Year*

SCHOOL ENROLLMENT	Newaygo County					
	Fremont	Grant	Newaygo	White Cloud	Hesperia	Big Jackson
Population enrolled in school	2,139	1,799	1,562	957	899	25
Kindergarten	159	128	100	72	58	9
Elementary School (grades 1-4)	552	471	457	280	246	13
Middle School (grades 5-8)	647	649	550	301	304	3
High School (grades 9-12)	781	551	455	304	291	

In Newaygo County in 2000, there was 10.6% of the population 18 and over enrolled in College or Graduate School. In 2010, there was 4.9% of the population 18 and over enrolled in College or Graduate School. The percentage of the population enrolled in College or Graduate School is low due to several contributing factors. First, there are seven universities located within two hour of Newaygo County. These Universities offer a wide variety of two-four year degrees as well as Masters and Doctorate Degrees.

University Name	Location	Type
Cornerstone University	Grand Rapids, Michigan	Private
Central Michigan University	Mount Pleasant, Michigan	Public
Ferris State University	Big Rapids, Michigan	Public
Grand Valley State University	Allendale, Michigan	Public
Michigan State University	East Lansing, Michigan	Public
Western Michigan University	Kalamazoo, Michigan	Public
Davenport University	Grand Rapids, Michigan	Private

In addition, Newaygo County is also within two hours of eighteen Colleges and Community Colleges.

College Name	Location	Type
Alma College	Alma, Michigan	Private
Aquinas College	Grand Rapids, Michigan	Private
Calvin College	Grand Rapids, Michigan	Private
Hope College	Holland, Michigan	Private
Kalamazoo College	Kalamazoo, Michigan	Private
Baker College	Muskegon, Michigan	Private
Grace Bible College	Grand Rapids, Michigan	Private
Great Lakes Christian College	Lansing, Michigan	Private
Kuyper College	Grand Rapids, Michigan	Private
Grand Rapids Community College	Grand Rapids, Michigan	Public
Kalamazoo Valley Community College	Kalamazoo, Michigan	Public
Kellogg Community College	Grand Rapids, Michigan	Public
Lansing Community College	Lansing, Michigan	Public
Mid Michigan Community College	Harrison, Michigan	Public
Montcalm Community College	Sidney, Michigan	Public
Muskegon Community College	Muskegon, Michigan	Public
North Western Community College	Traverse City, Michigan	Public
West Shore Community College	Ludington, Michigan	Public

Many of the Colleges and all of the Universities offer student housing in dorms and apartment complexes. Due to being at school for an extended period of time, many students often change their residency to the city when they are going to school, decreasing the population enrolled in College or Graduate School in areas that do not have large educational facilities with housing.

A review of data from the 2010 United States Census shows that Newaygo County has a slightly higher percentage of high school graduates than the State of Michigan but a lower percentage of population has higher education (Some college with no degree, Associate's Degree, Bachelor's Degree, or a graduate or professional degree).

Table 35: Educational Attainment, Newaygo County and the State of Michigan
Source: 2010 U.S. Census, 2008 – 2010 American Community Survey 3 Year Estimates

EDUCATIONAL ATTAINMENT	Newaygo County		Michigan	
	Total	Percentage	Total	Percentage
Population 18 to 24	3,842	100%	973,162	100%
Less than high school graduate	1,099	28.6%	150,840	15.5%
High School graduate or GED	1,541	40.1%	276,378	28.4%
Some college or associate's degree	1,076	28.0%	467,118	48.0%
Bachelor's degree or higher	126	3.3%	77,853	8.0%
Population 25 years and over	32,667	100%	6,560,571	100%
Less than 9 th grade	1,241	3.8%	236,180	3.6%
9 th to 12 th grade, no diploma	3,528	10.8%	531,406	8.1%
High School Graduate or GED	12,936	39.6%	2,033,777	31.0%
Some college, no degree	8,101	24.8%	1,587,658	24.2%
Associate's Degree	2,515	7.7%	537,967	8.2%
Bachelor's Degree	2,744	8.4%	1,016,888	15.5%
Graduate or Professional Degree	1,568	4.8%	629,815	9.6%
Percent High School graduate or higher		85.4%		88.4%
Percent bachelor's degree or higher		13.3%		25.0%

Economic Characteristics

Current and Projected Economic Activity

Data from the US Census Economic Characteristics, Census of Agriculture, and Newaygo County Economic Development office were used to describe Newaygo County's current and projected economy. Newaygo County is unique in that it has both an agricultural and manufacturing economic base, and employment in the county's retail sector is increasing.

Employment Sectors and Major Employers

County Business Patterns, published by the U.S. Census Bureau, provide a snapshot view of the employment pattern within a community. As stated earlier, it is important to remember that County Business Patterns do not account for self-employed individuals, railroad employees, many governmental employees, and probably most important in Newaygo County's situation, agricultural production employees.

*Table 36: 2010 Employment Status in Newaygo County compared to the State of Michigan
Source: 2008 – 2010 American Community Survey, and 2011 American Community Survey*

EMPLOYMENT INDUSTRY	Newaygo County		Michigan	
	Estimated number employed	Percentage	Estimated number employed	Percentage
Civilian employed population 16 years and over	19,039	100%	4,191,878	100%
Agriculture, forestry, fishing, hunting, and mining	1,077	5.7%	56,829	1.4%
Construction	1,399	7.3%	194,973	4.7%
Manufacturing	3,595	18.9%	712,636	17.0%
Wholesale Trade	386	2.0%	103,602	2.5%
Retail Trade	2,186	11.5%	494,540	11.8%
Transportation and warehousing and utilities	1,223	6.4%	173,714	4.1%
Information	271	1.4%	65,919	1.6%
Finance and insurance, and real estate and rental leasing	1,001	5.3%	221,325	5.3%
Professional, scientific, and management, and administrative, and waste management services	1,166	6.1%	381,172	9.1%
Educational services, and health care and social assistance	3,591	18.9%	1,023,530	24.4%
Arts, entertainment, and recreation, and accommodation, and food services	1,297	6.8%	400,644	9.6%
Other services, except public administration	1,165	6.1%	206,364	4.9%
Public Administration	682	3.6%	156,630	3.7%

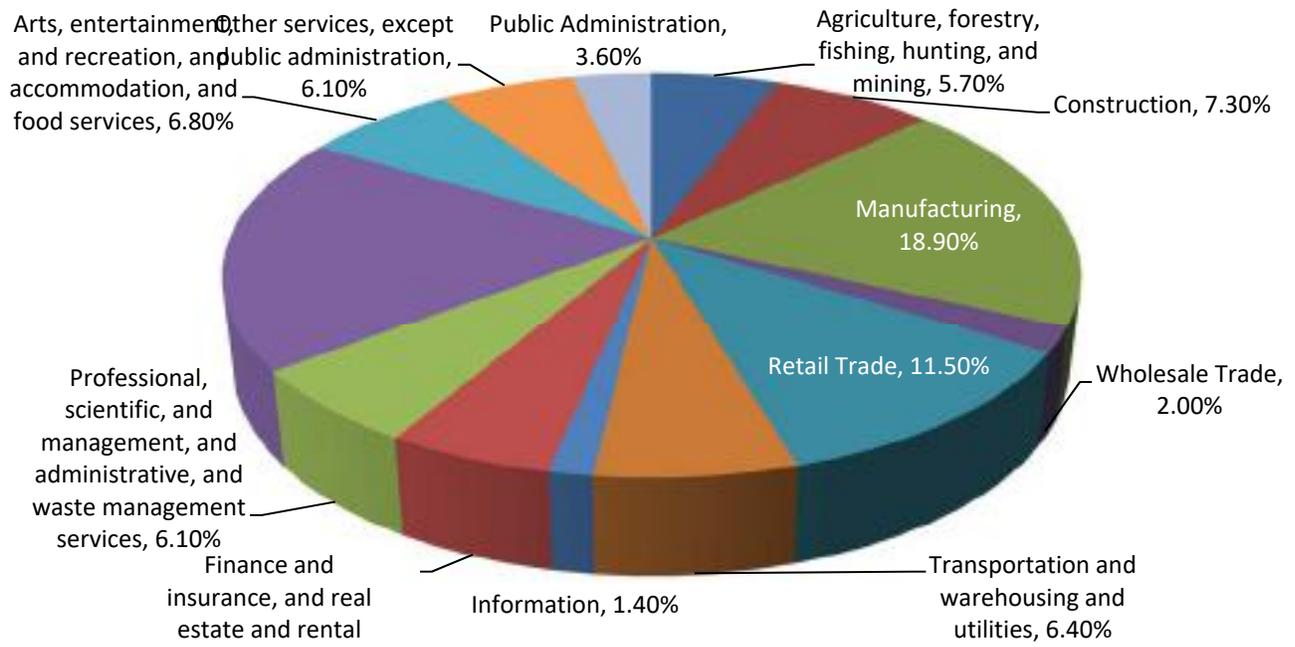


Table 37: 2010 County Business Patterns – Newaygo County
 Source: 2010 US Census Economic Characteristics

INDUSTRY	Newaygo County	
	Number of Establishments	Number of Paid Employees
Total for all sectors	816	8,705
Agriculture, forestry, fishing and hunting, and mining	8	20 - 99
Mining, quarrying, and oil and gas extrication	1	0 - 19
Utilities	4	20 - 99
Construction	84	232
Manufacturing	40	1 778
Wholesale Trade	36	242
Retail Trade	147	1,459
Transportation and warehousing	14	100 - 249
Information	7	20 - 99
Finance and insurance	40	625
Real estate and rental and leasing	22	66
Professional, scientific, and technical services	56	358
Management of companies and enterprises	3	100 - 249
Administrative and support and waste management and remediation services	33	322
Educational Services	4	38
Health care and social assistance	78	1,663
Arts, entertainment, and recreation	10	20 - 99
Accommodation and food services	80	866
Other services (except public administration)	123	515
Industries not classified	26	20 - 99

Major Employers

Newaygo County has limited major employers throughout the county. All major employers are located within the Cities of Fremont, Grant, Newaygo, and White Cloud. A majority of the employers within the county are under 100 employees.

Table 38, Newaygo County Employers with Over 100 Employees
Source: The Right Place

Company	Location	Approximate # Of Employees	Product/Service
Magna Mirrors	Newaygo	1,000	Automotive doors & mirrors
Spectrum Health Gerber Memorial	Fremont	692	Health Care Services
Gerber Products Company	Fremont	564	Baby Food
Fremont Public Schools	Fremont	417	School/Education
Meijer	Fremont	350	Retail/Grocery
Gerber Life Insurance Company	Fremont	331	Life Insurance
Newaygo County Regional Educational Services Agency	Fremont	331	School/Education
Newaygo Public Schools	Newaygo	321	School/Education
Grant Public Schools	Grant	316	School/Education
White Cloud Public Schools	White Cloud	207	School/Education
Hesperia Community Schools	Hesperia	207	School/Education
MPH Trucking and Logistics	Fremont	200	Logistics
County of Newaygo	White Cloud	288	County Government
Wal-Mart	Fremont	195	Retail Department Store
Family Health Care	White Cloud and Grant	163	Health Care Services
Newaygo Medical Care Facility	Fremont	160	Medical
Bucher Hydraulics	Newaygo	147	Manufacturing
Fremont Insurance	Fremont	130	Insurance
Harbison Walker International	White Cloud	114	Refractory Products
GM Wood Products Inc	Newaygo	110	Wood
Transitional Health Services	Fremont	105	Health Care Services
Dura Automotive Systems, Inc	Fremont	104	Metal Stampings

Unemployment Data

Newaygo County has historically experienced a slightly higher unemployment rate than the State of Michigan. These facts are illustrated in Table 39, Newaygo County Employment Statistics, 2002-2018.

Table 39: Newaygo County Employment Statistics, Annual Jobless Rate 2002-2018

Sources: Michigan Department of Energy, Labor, and Economic Growth, Labor Market Information Data Explorer

Unemployment Rate	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Newaygo County	7.9%	8.8%	7.9%	7.4%	7.1%	7.8%	9.0%	13.6%	12.7%	10.3%
Michigan	6.2%	7.1%	7.1%	6.8%	6.9%	7.1%	8.3%	13.4%	12.7%	10.3%
Unemployment Rate	2012	2013	2014	2015	2016	2017	2018	2019		
Newaygo County	9.2%	8.9%	7.2%	5.5%	4.9%	4.9%	4.3%			
Michigan	9.1%	8.8%	7.2%	5.4%	5.0%	4.6%	4.1%			

Agriculture

According to the 2017 Census of Agriculture, Newaygo County is ranked within the top 25 counties within the state for total market value of agriculture products sold and is ranked within the top 15 for Value of livestock, poultry, and their products. For additional information, see Table 40.

Table 40: Newaygo County Farming Facts- Ranking

Source: 2017 Census of Agriculture County Profile

ITEM	Quantity	State Rank
Market Value of Agricultural Products Sold (\$1,000)		
Total Value of Agriculture Products Sold	128,314	24
Value of Crops including Nursery and greenhouse	48,256	33
Value of Livestock, poultry, and their products	80,058	13
Value of Sales by Commodity Group (\$1,000)		
Grains, oilseeds, dry beans, and dry peas	18,665	37
Tobacco	-	
Cotton and Cotton Seed	-	
Vegetables, Melons, Potatoes, and sweet potatoes	15,568	11
Fruits, tree nuts, and berries	9,487	11
Nursery, greenhouse, floriculture, and sod	1,627	38
Cut Christmas Trees and short rotation woody crops	55	38
Other crops and hay	2,854	25
Poultry and eggs (Turkeys)	46	50
Cattle and Calves	15,224	13
Milk and other dairy products from cows	56,904	11
Hogs and pigs	(D)	21
Sheep, goats, and their products	184	25
Horses, ponies, mules, burros, and donkeys	383	12
Aquaculture	(D)	6
Other animals and other animal products	(D)	3

Top Livestock inventory items		
Turkeys	162	
Broilers and other meat type chickens	1,871	
Cattle and Calves	31,396	
Goats	1,344	
Hogs and Pigs	9,617	
Deer	3,625	
Horses and Ponies	1,442	
Layers	3,446	
Top Crop Items (Acres)		
Forage – land used for all hay and haylage, grass silage, and greenchop	25,194	9
Corn for Grain	19,713	34
Corn for Silage	12,812	8
Vegetables Harvested for Sale	7,553	10
Soybeans for Beans	16,064	39

*Table 41: Newaygo County Farming Facts Economic Characteristics
Source: 2017 Census of Agriculture County Profile*

Economic Characteristics	Quantity	Percent of Total
Farms by Value of Sales		
Less than \$2,500	365	43
\$2,500 to \$4,999	84	10
\$5,000 to \$9,999	79	9
\$10,000 to \$24,999	118	14
\$25,000 to \$49,999	62	7
\$50,000 to \$99,999	24	3
\$100,000 or more	118	14
		% Change since 2012
Total Farm Production Expenditures	\$106,131,000	+10%
Average Per farm (\$)	\$150,958	+19%
Net Cash Farm Income of Operation	\$25,634,000	+13%
Net Average per farm (\$)	\$30,158	+23%

Table 42: Newaygo County Farming Facts Operator Characteristics
Source: 2017 Census of Agriculture County Profile

Operator Characteristics	Quantity
Principal operators by primary occupation:	1,421
Farming:	391
Other:	560
Principal Operators by Gender:	
Male	942
Female	479
Average Age of Principal Operator in Years	55.2
All Operators by Race	
White	1,410
Black or African American	-
American Indian or Alaska Native	7
Native Hawaiian or other Pacific Islander	-
Asian	-
More than One Race	4
All operators of Spanish, Hispanic, or Latino Origin	21

Socio-Economic Levels

Socio-Economic statistics such as median household income, per capita income, and the number of individuals living below poverty level all indicate that Newaygo County closely resembles the State of Michigan. In 2010, Newaygo County's Median Household Income was \$40,874, which is slightly lower than Michigan's Median Household Income of \$46,847. The County also has a lower per capita income than the State. In addition, the percentage of residents below the poverty level in the County, 19.5% is higher than Michigan's rate of 16.7%. Table 43, Socio-Economic Levels provides both Newaygo County data, and for comparison purposes, data for the State of Michigan as a whole.

*Table 43: Socio-Economic Levels, Newaygo County and Michigan
Source: 2010 U.S. Census*

INCOME IN 2010	Newaygo County		Michigan	
	Total	Percentage	Total	Percentage
Households	18,692	100%	3,803,957	100%
Less than \$10,000	1,568	8.4%	316,593	8.3%
\$10,000 to \$14,999	1,378	7.4%	228,217	6.0%
\$15,000 to \$24,999	3,032	16.2%	462,501	12.2%
\$25,000 to \$34,999	2,233	11.9%	430,994	11.3%
\$35,000 to \$49,999	2,931	15.7%	565,538	14.9%
\$50,000 to \$74,999	3,851	20.6%	710,581	18.7%
\$75,000 to \$99,999	1,902	10.2%	444,684	11.7%
\$100,000 to \$149,999	1,034	5.5%	411,284	10.8%
\$150,000 to \$199,999	401	2.1%	130,037	3.4%
\$200,000 or more	362	1.9%	103,847	2.7%
Median household income (dollars)	\$40,874		\$46,847	
Per Capita Income	\$20,161		\$24,624	
Percentage of all people whose income in the past 12 months is below the poverty level	19.5%		16.7%	

Key Community Facilities and Organizations

Key Private and Non-Profit Service Organizations

In Newaygo County there are 182 registered non-profit organizations, many of which may prove to be beneficial in both the mitigation and recovery phases of disaster response. In addition, due to consolidation of services, some organizations serve a multi-county geographic area and are located outside of Newaygo County. Table 44, Key Private and Non-Profit Service Organizations Serving Newaygo County lists some of primary organizations benefiting the entire county.

Table 44, Key Private and Non-Profit Service Organizations Serving Newaygo County

Organization & Location	Primary Focus
<p>American Red Cross Muskegon Office 313 West Webster Avenue Muskegon, MI 49440 Phone: (231) 726-3555 Phone: (800) 813-8111 Fax: (231) 722-4126 Website: Http://www.arcmon.org</p>	<p>The American Red Cross is a humanitarian organization, led by volunteers, that provides relief to victims of disaster and helps people prevent, prepare for, and respond to emergencies. It does this through services that are consistent with its Congressional Charter and the Fundamental Principles of the International Red Cross and Red Crescent Movement. The American Red Cross is the foremost volunteer emergency service organization in the United States, with more than 1,300 chapters nationwide, 38 Blood Services regions, 18 Tissue Services centers, plus hundreds of stations on U.S. military installations around the world.</p>
<p>Salvation Army 1215 Fulton Street E Grand Rapids, MI 49503 Phone: (616) 459-3433 Fax: (616) 356-1009 Website: http://www.sawmni.org</p>	<p>The Salvation Army is an international non-profit church based organization that houses programs such as youth programs, missing persons, emergency disaster relief, adult rehabilitation, elderly services, utility assistance, and donations centers.</p>
<p>Commission on Aging 93 Gibbs Street, PO Box 885 White Cloud, MI 49349 Phone: (231) 689-2100 Fax: (231) 689-0871 Website: https://www.countyofnewaygo.com/CommissionOnAging.aspx</p>	<p>The mission of the Commission on Aging is to address critical needs of the Newaygo County elderly (age 60 and older) and to make their lives more comfortable, more meaningful, and to make every attempt to assist them in remaining in their homes as long as possible. Services provided include adult day care, older adult respite services, health and wellness, homemaker, home repair, meals, Medicare and Medicaid Assistance Program, transportation, and information.</p>
<p>TrueNorth Community Services 6308 S Warner Ave, PO Box 149 Fremont, MI 49412 Phone: (231) 924-0641 Fax: (231) 924-5594 Website: https://www.truenorthservices.org/</p>	<p>TrueNorth Community Services is a private, nonprofit organization supported through individual donations, foundations and grants, and funding from the federal government and the State of Michigan. A majority of their programs are available to Newaygo County residents only but direct or fiduciary support is also provided to a total of 15 Michigan counties. TrueNorth Community Services offer more than 60 comprehensive programs and services that fall within four core areas of focus including addressing rural poverty, ensuring youth thrive, building vibrant communities, and providing innovative rural nonprofit leadership.</p>

<p>Fremont Area Community Foundation 4424 W 48th Street, PO Box B Fremont MI 49412 Phone: (231) 924-5350 Fax: (231) 924-5391 Website: https://facommunityfoundation.org/</p>	<p>The Fremont Area Community Foundation is a public charity and community foundation serving the Newaygo County, Michigan area. The mission of the Foundation is to improve the quality of life for the people of Newaygo County. Since 1972, the Foundation has received \$60 million in gifts and made \$166 million in grants to benefit the Newaygo County area, a 276% return on donors' gifts. The net value of the Foundation's endowment funds was \$171 million as of December 2009.</p>
<p>Love Inc of Newaygo County 11 W 96th Street Grant, MI 49327 Phone: (231) 652-4099 Fax: (231) 652-4079 Website: https://loveincnewaygo.com/</p>	<p>Love INC is a national ministry carried out by more than 9,000 churches in over 150 affiliates across the United States. Love INC reaches out to vulnerable community members living in poverty and provides tangible assistance, encouragement, and hope. Services include money management classes, resale store, food pantry, delivery truck, ramp ministry, and the Clearinghouse.</p>
<p>Newaygo County Community Emergency Response Team and Medical Reserve Corps 306 North Street, PO Box 885 White Cloud, MI 49349 Phone: (231) 689-7354 Fax: (231) 689-7305 Website: http://www.countyofnewaygo.com/emergencyservices.aspx</p>	<p>The CERT and MRC programs are partner programs with Citizen Corps, a national network of volunteers dedicated to ensuring hometown security. The Community Emergency Response Team (CERT) Program educates people about disaster preparedness for hazards that may impact their area and trains them in basic disaster response skills. The Medical Reserve Corps (MRC) Program coordinates the skills of practicing and retired physicians, nurses and other health professionals as well as other citizens interested in health issues, who are eager to volunteer to address their community's ongoing public health needs and to help their community during large-scale emergency situations. Both volunteer programs are managed by the Newaygo County Emergency Services Department.</p>
<p>Bellwether Harbor 7645 West 48th Street Fremont, MI 49412 Phone: (231) 924-9230 Fax: (231) 924-2012 Website: http://www.bellwetherharbor.org</p>	<p>Bellwether Harbor is a non-profit organization helping animals and people make a connection through education, training, and adoption.</p>
<p>Lake Haven Rescue 551 Pickerel Lake Drive Newaygo, MI 49337 Phone: (231) 652-7507 Website: http://www.lakehavenrescue.org/</p>	<p>Lake haven is an all-volunteer private, non-profit animal rescue shelter dedicated to the care and adoption of homeless and or injured dogs, cats, kittens, and puppies in the West Michigan Area. Services include animal rescue, necessary medical care, temporary shelter, adoption, and low-cost spay/neuter program.</p>

Public Safety Serving Newaygo County

Like most rural communities with limited resources, Newaygo County has adapted its public safety systems to meet local needs. The existing strength of local public safety has been a focus toward advancement of services provided to the public, resulting in progressive and advanced capabilities compared to jurisdictions of comparable size.

Emergency Services

The purpose of the Emergency Services Department is to direct the jurisdiction's efforts in the prevention of, preparedness for, response to, and recovery from emergencies, disasters, and threats within the County of Newaygo with the goal of saving lives, preventing property damage, and minimizing damage to the environment. In January of 2007, Newaygo County Emergency Services began a dedicated, full-time emergency management program. Under direction of the Chairperson of the Newaygo County Board of Commissioners, the Emergency Services Department provides support to the jurisdiction's emergency services system by coordinating necessary planning, training, exercising, and resource management.

Newaygo County Emergency Services Department

306 S North Street, PO Box 885, White Cloud, MI 49349

Phone: (231) 689-7354 Fax: (231) 689-7305

Website:

<http://www.countyofnewaygo.com/emercencyservices.aspx>

Central Dispatch

Newaygo County Central Dispatch is the central point of contact for all public warning and responder communications within Newaygo County. All County emergency response agencies are served by Newaygo County Central Dispatch, which has been a great benefit to mutual aid ventures within the County.

Newaygo County Central Dispatch

1018 Newell Street, PO Box 885, White Cloud, MI 49349

Phone: (231) 689-5288 Fax: (231) 689-7348

Website:

<https://www.countyofnewaygo.com/Dispatch.aspx>

Law Enforcement

Newaygo County is served entirely by both, the Newaygo County Sheriff's Department and Michigan State Police Post 62. Their efforts are supported by 5 municipal police departments serving the communities of Fremont, Grant, Newaygo, White Cloud, and Hesperia.

<p>Michigan State Police – Hart Post No. 62 3793 W Polk Road, Hart MI 49420 Phone: (231) 873-2171 Fax: (231) 8737700 Website: http://www.michigan.gov/msp</p>
<p>Newaygo County Sheriff Department 1035 James Street, White Cloud, MI 49349 Phone: (231) 689-6623 Fax: (231) 689-7273 Website: https://www.countyofnewaygo.com/SheriffsDepartment.aspx</p>
<p>City of Fremont Police Department 101 E Main Street, Fremont MI 49413 Phone: (231) 924-2100 Fax: (231) 924-2400 Website: https://www.cityoffremont.net/235/Police-Department</p>
<p>City of Newaygo Police Department 28 State Road, PO Box 308, Newaygo MI 49337 Phone: (231) 652-1655 Fax: (231) 652-6589 Website: https://newaygocity.org/fire-police.php</p>
<p>City of Grant Police Department 280 South Maple St, PO Box 435, Grant MI 49327 Phone: (231) 834-7212 Fax: (231) 834-9288 Website:</p>
<p>City of White Cloud Police Department 12 S Charles Street, White Cloud MI 49349 Phone: (231) 689-1696 Fax: (231) 689-2001 Website: http://www.cityofwhitecloud.org/directory/police-department-2/</p>
<p>Hesperia Police Department 33 E Michigan St, PO Box 366, Hesperia, MI 49421 Phone: (231) 854-6205 Fax: (231) 854-0263 Website:</p>

Fire Services

Newaygo County is served by twelve volunteer Fire Departments. Capabilities among departments are similar in provision of fire suppression and technical rescue capabilities. Due to limited manpower and equipment, all departments have an existing mutual aid system which is regularly utilized.

<p>Station 11: Fremont Fire Department 101 E Main Street Fremont MI 49412 Phone: (231) 924-2103 Fax: (231) 924-2015</p>	<p>Station 12: Newaygo Fire Department 177 Cooperative Dr., PO Box 243 Newaygo MI 49337 Phone: (231) 652-7788 Fax: (231) 652-7077</p>
<p>Station 13: Ashland Grant Fire Department 62 W State Road, PO Box 422 Grant MI 49327 Phone: (231) 834-5733 Fax: (231) 652-5753</p>	<p>Station 14: Croton Fire Department 6431 S Elm Ave Newaygo MI 49337 Phone: (231) 652-3757 Fax: (231) 652-3750</p>
<p>Station 15: Big Prairie Fire Department 2815 S Elm Ave White Cloud MI 49349 Phone: (231) 689-1494 Fax: (231) 652-5518</p>	<p>Station 17: Lilley Township Fire Department 10730 Prospect Ave Bitely, MI 49309 Phone: (231) 745-4741 Fax: (231) 745-4741</p>
<p>Station 18: White Cloud Area Fire Department 1301 E Washington Street, PO Box 911 White Cloud MI 49349 Phone: (231) 689-6830 Fax: (866) 866-0611</p>	<p>Station 19: Hesperia Fire Department 8320 E M 20 Hesperia MI 49421 Phone: (231) 854-3965 Fax: (231) 854-9539</p>
<p>Walkerville Fire Department (Oceana County) 134 S East Street Walkerville MI 49459 Phone: (231) 873-4540 Fax: (231) 873-7088</p>	<p>Sand Lake Fire Department (Kent County) 2 Maple Street Sand Lake, MI 49343 Phone: (616) 799-5538 Fax: (616) 636-8444</p>
<p>Big Rapids City Fire Department (Mecosta County) 435 N Michigan Ave Big Rapids MI 49307 Phone: (231) 527-0005 Fax: (231) 592-5570</p>	<p>Egelston Township Fire Department (Muskegon County) 5428 E Apple Ave Muskegon, MI 49442 Phone: (231) 788-2254 Fax: (231) 788-5248</p>

Emergency Medical Services (EMS)

Newaygo County is served by two private EMS services, Life EMS and Pro Med, and one county owned EMS Agency, Mecosta County EMS. Troy Township, Beaver Township, and Denver Township are serviced by Pro Med. Barton Township and Norwich Township are serviced by Mecosta County EMS. The remaining jurisdictions are serviced by Life EMS who maintains ambulance bases in Fremont, Grant, and White Cloud.

<p>Life EMS 33 N Westwood, Ave, Fremont MI 49412 Phone: (231) 928-5433 Fax: (231) 924-2218 Website: http://www.lifeems.com</p>
<p>Mecosta County EMS 14485 Northland Drive, Big Rapids, MI 49307 Phone: (231) 796-2626 Fax: (231) 796-0231 Website: http://www.co.mecosta.mi.us/ambulance.asp</p>

Medical First Responder Services (MFR)

Newaygo County is serviced by seven medical first responder departments, all of which are fire departments except Lilley First Responders. These departments are trained to provide advanced first aid and can administer oxygen.

<p>Station 11: Fremont Fire Department 101 E Main Street, Fremont MI 49412 Phone: (231) 924-2103 Fax: (231) 924-2015</p>	<p>Station 12: Newaygo Fire Department 177 Cooperative Dr., PO Box 243, Newaygo MI 49337 Phone: (231) 652-7788 Fax: (231) 652-7077</p>
<p>Station 13: Ashland Grant Fire Department 62 W State Road, PO Box 422, Grant MI 49327 Phone: (231) 834-5733 Fax: (231) 652-5753</p>	<p>Station 14: Croton Fire Department 6431 S Elm Ave, Newaygo MI 49337 Phone: (231) 652-3757 Fax: (231) 652-3750</p>
<p>Station 15: Big Prairie Fire Department 2815 S Elm Ave White Cloud MI 49349 Phone: (231) 689-1494 Fax: (231) 652-5518</p>	<p>Station 17: Lilley Township Fire Department 10730 Prospect Ave Bitely, MI 49309 Phone: (231) 745-4741 Fax: (231) 745-4741</p>
<p>Station 19: Hesperia Fire Department 8320 E M 20 Hesperia MI 49421 Phone: (231) 854-3965 Fax: (231) 854-9539</p>	<p>Sand Lake Fire Department (Kent County) 2 Maple Street, Sand Lake, MI 49343 Phone: (616) 799-5538 Fax: (616) 636-8444</p>

Health Care

Newaygo County has one hospital, Spectrum Health Gerber Memorial Hospital, serving the community. Spectrum Health Gerber Memorial Hospital is a 49-bed not-for-profit community hospital that offers a complete range of medical and surgical services. Medical providers for Spectrum Health Gerber Memorial include physicians in Newaygo County who have practicing privileges at Spectrum Health Gerber Memorial Hospital, consultants who are the specialists from practices in Grand Rapids and Muskegon, emergency staff who are board certified in emergency medicine and contracted from Spectrum Health in Grand Rapids, mid-level practitioners (physician assistants, certified registered nurse anesthetists, nurse practitioners and psychologists), and occupational medicine physicians who focus on illness and injury related to the workplace. SHGM is among an elite group of hospitals to receive the Governor's Award of Excellence for Improving Care in the Hospital Setting and in the Emergency Department – 2003, 2004, 2007 and 2009.

Spectrum Health Gerber Memorial Hospital 212 S Sullivan Street, Fremont MI 49412 Phone: (231) 924-3300 Website: http://www.spectrumhealth.org/gerber	
Spectrum Health Internal Medicine and Pediatrics 204 W Main Street, Fremont, MI 49412 Phone: (231) 924-1800	Spectrum Health Rural Health Clinic – Hesperia 78 N Division Ave, Hesperia MI 49421 Phone: (213) 854-6415
Spectrum Health Rural Health Clinic – Grant 230 S Maple Street, Grant, MI 49327 Phone: (231) 834-5995	Spectrum Health Gerber Memorial Obstetrics and Gynecology 212 S Sullivan Ave, Fremont MI 49412 Phone: (231) 924-1212
Spectrum Health Medical Group - Fremont 230 W Oak Street, Fremont MI 49412 Phone: (231) 924-4200 Fax: (231) 924-4064 Website: http://www.shmg.org	Spectrum Health Medical Group - Newaygo 211 W Pine Lake Drive, Newaygo MI 49337 Phone: (231) 652-1631 Fax: (231) 652-2566 Website: http://www.shmg.org
Family Health Care - Grant Clinic 11 North Maple, Grant MI 49327 Phone: (231) 834-0444 Website: Http://www.familyhealthcare.org	Family Health Care White Cloud Clinic 1035 E Wilcox, White Cloud MI 49349 Phone: (231) 689-5943 Website: Http://www.familyhealthcare.org

Road Commission and Department of Public Works

Newaygo County Road Commission services all state and county roads within Newaygo County. All municipal Department of Public Works services only municipal roads and infrastructure.

<p>Newaygo County Road Commission 935 One Mile Road, White Cloud MI 49349 Phone: (231) 689-6682 Fax: (231) 689-5994 Website: http://www.newaygoroads.org</p>	
<p>Fremont Department of Public Works 101 E main Street, Fremont MI 49412 Phone: (231) 924-2101 Fax: (231) 924-2888 Website: http://www.cityoffremont.net</p>	<p>Newaygo Department of Public Works 8233 South Mundy Ave, Newaygo MI 49337 Phone: (231) 924-2101 Website: http://www.newaygocity.org</p>
<p>Grant Department of Public Works 280 South Maple St, PO Box 435, Grant MI 49327 Phone: (231) 834-7462 Website: http://www.cityofgrantmi.com/cityoffices/publicworksdepartment.html</p>	<p>White Cloud Department of Public Works 12 N Charles Street, PO Box 607, White Cloud, MI 49349 Phone: (231) 689-1194 Website: http://www.cityofwhitecloud.org</p>
<p>Hesperia Department of Public Works 33 E Michigan Ave, Hesperia, MI 49421-0366 Phone: (231) 854-6205 Fax: (231) 854-0263 Website: http://www.hesperiami.com/services.htm</p>	

Government Offices and Facilities

Government facilities provide services to the public, such as the distribution of Public Information and the continuity of governmental operations including supporting the Incident Command System and key decision making processes. There are four cities, one village, and twenty-four township governments within Newaygo County.



County of Newaygo

1087 E Newell Street, PO Box 885, White Cloud, MI 49349
 Phone: (231) 689-7200 Fax: (231) 689-7205
 Website: <http://www.countyofnewaygo.com>

City of Fremont

101 E Main Street, Fremont, MI 49412
 Phone: (231) 924-2101 Fax: (231) 924-2888
 Website: <http://www.cityoffremont.net>

City of Newaygo

28 N State Road, PO Box 308, Newaygo, MI 49337
 Phone: (231) 652-1657 Fax: (231) 652-1650
 Website: <http://www.newaygocity.org>

City of White Cloud

12 N Charles Street, PO Box 607,
 White Cloud, MI 49349
 Phone: (231) 689-1194 Fax: (231) 689-2001
 Website: <http://www.cityofwhitecloud.org>

City of Grant

280 S. Maple Street, PO Box 435, Grant, MI 49327
 Phone: (231) 834-7904 Fax: (231) 834-5984
 Website:

Village of Hesperia

33 E Michigan Ave, Hesperia, MI 49421-0366
 Phone: (231) 854-6205 Fax: (231) 854-0263
 Website: <http://www.webdesignfiles.com/hesperia/>

<p>Ashland Township 2019 W 120th St, Po Box 457, Grant MI 49327 Phone: (231) 834-7535 Fax: (231) 834-0446 Website: http://www.ashtwp.com</p>	<p>Barton Township 12110 N Beech Ave, Paris, MI 49338 Phone: (231) 796-6867 https://www.facebook.com/pages/Barton-Township-Michigan/104151336288071</p>
<p>Beaver Township 7991 N Dickerson Ave, Bitely, MI 19309 Phone: (231) 837-2425 https://www.facebook.com/pages/Beaver-Township-Newaygo-County-Michigan/103811542991620</p>	<p>Big Prairie Township 2815 S Elm Street, White Cloud, MI 49349 Phone: (231) 689-1385 Fax: (231) 652-7930 Website: http://www.bigprairietownship.org</p>
<p>Bridgeton Township 11830 S Warner Ave, Grant, MI 49327 Phone: (231) 834-0014 Fax: (231) 924-2457 Website: http://www.bridgetoncommunity.com</p>	<p>Brooks Township 490 Quarterline Rd, PO Box 625, Newaygo MI 49337 Phone: (231) 652-6763 Fax: (231) 652-6721 Website: http://www.brookstownship.org</p>
<p>Croton Township 5833 E Division Street, Newaygo MI 49337 Phone: (231) 652-4301 Fax: (231) 652-7250 Website: http://www.crotontownship.org</p>	<p>Dayton Township 3215 S Stone Road, Fremont, MI 49412 Phone: (231) 924-9509 Fax: (231) 924-9509 Website: http://www.daytontownship.com</p>
<p>Denver Township 8333 W 1 Mile Road, Hesperia MI 49421 Phone: NA</p>	<p>Ensley Township 7163 E 120th Street, Sand Lake, MI 49343 Phone: (616) 636-8510 Fax: (616) 636-4773 Website: http://www.ensleytownship.org</p>
<p>Everett Township 1516 E 8th Street, PO Box 979 White Cloud, MI 49349 Phone: (231) 689-1082 Fax: (231) 689-1519 http://www.everetttownship.com/</p>	<p>Garfield Township 7190 S Bingham Ave, Newaygo MI 49337 Phone: (231) 652-4251 Fax: (231) 652-4207 Website: http://www.garfieldtownship.org</p>
<p>Goodwell Township 2465 N Cypress Ave, White Cloud MI 49349 Phone: NA Fax: (231) 689-1289 http://goodwelltownship.com/Home_Page_9K7H.php</p>	<p>Grant Township 1617 E 120th Street, Grant MI 49327 Phone: (231) 834-8033 Fax: (231) 834-0241 Website: http://www.granttownship.net</p>
<p>Home Township 11253 N Walnut Ave, Bitely MI 49309 Phone: NA</p>	<p>Lilley Township 10722 N Bingham Ave, Bitely, MI 49309 Phone: (231) 745-9658 Fax: (231) 745-4179</p>
<p>Lincoln Township 1988 N Wisner Ave, PO Box 593 White Cloud, MI 49349 Phone: (231) 689-2070 Fax: (231) 689-8924 http://www.lincolntownship.net/zoning--permits.html</p>	<p>Merrill Township 1585 W 11 Mile Road, Bitely MI 49309 Phone: (231) 745-7661 Fax: (231) 745-4105 Website: http://www.merrilltownship.com</p>
<p>Monroe Township 4141 E Fillmore Street, White Cloud MI 49349 Phone: (231) 689-6958 Fax: (231) 689-6958 https://www.monroemitwp.com/</p>	<p>Norwich Township 7213 N Cypress Ave, Big Rapids MI 49307 Phone: NA Fax: (231) 796-3363 https://norwichtwp.org/</p>
<p>Sheridan Charter Township 6360 Township Pkwy, PO Box 53 Fremont, MI 49412 Phone: (231) 924-2566 Fax: (231) 924-8734 http://www.sheridanchartertownship.com/</p>	<p>Sherman Township 2410 S Wisner Ave, PO Box 153, Fremont MI 49412 Phone: (231) 924-7164 Website: http://www.shermantownship.org</p>
<p>Troy Township 10350 N Dickerson Ave, Walkerville MI 49459 Phone: (231) 873-9000</p>	<p>Wilcox Township 1795 Evergreen Dr, PO Box 728 White Cloud MI 49349 Phone: (231) 689-1825 Fax: (231) 689-1828</p>

Local Units of Government and Services Provided

The quality and availability of services varies widely within the County as the result of being mostly rural communities. Table 45, Local Units of Government and Municipal Services, identifies all local units of government within Newaygo County and the municipal services that are available.

*Table 45, Local Units of Government and Municipal Services
Compiled by: Newaygo County Emergency Services*

Utility Service	City of Fremont	City of Newaygo	City of White Cloud	City of Grant	Village of Hesperia
Natural Gas	DTE Energy	DTE Energy	DTE Energy	DTE Energy	DTE Energy
Electricity	Consumers Energy	Consumers Energy	Consumers Energy	Consumers Energy	Consumers Energy
Sanitary Sewer System	City of Fremont	City of Newaygo	W.C.Sherman Utilities	City of Grant	Village of Hesperia
Water Supply System	City of Fremont	City of Newaygo	W.C.Sherman Utilities	City of Grant	Village of Hesperia
Central Storm water Control	City of Fremont	City of Newaygo	City of White Cloud	City of Grant	Village of Hesperia
Local Telephone Service	AT&T	AT&T	AT&T	AT&T	Frontier
Cellular Phone Service	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T
Fiber Optic Cable TV and Internet Access	Comcast NCATS	Charter NCATS	MI Cable Partners Inc NCATS	Charter NCATS	NCATS
Waste Services	Republic Services	A-Waste	Yes	A-Waste	Yes
Recycling	Weekly Curb Side	Recycling for Newaygo Co.	Recycling for Newaygo Co.	Weekly Curbside available	Recycling for Newaygo Co
Refuse	City of Fremont	City of Newaygo	None	City of Grant	Village of Hesperia
Snow Removal (Roads)	City of Fremont	City of Newaygo (Except M-37)	City of White Cloud (Except M-37)	City of Grant (Except M-37)	Village of Hesperia (Except M-20)
Emergency Services					
Law Enforcement	City of Fremont	City of Newaygo	City of White Cloud	City of Grant	Village of Hesperia
Fire Department	Station 11	Station 12	Station 18	Station 13	Station 19
Medical First Responder	Station 11	Station 12	None	Station 13	None
EMS	Life EMS	Life EMS	Life EMS	Life EMS	Life EMS
Zoning					
Local Ordinances	Yes	Yes	Yes	Yes	Yes
Master Plan	Yes	Yes	Yes	Yes	Yes

Utility Service	Ashland Township	Barton Township	Beaver Township	Big Prairie Township	Bridgeton Township
Natural Gas	DTE Energy	None	None	DTE Energy	None
Electricity	Consumers Energy	Consumers Energy	Consumers Energy	Consumers Energy	Consumers Energy
Sanitary Sewer System	None	None	None	None	None
Water Supply System	None	None	None	None	None
Central Storm Water Control	None	None	None	None	None
Local Telephone Service	AT&T	AT&T	Frontier	AT&T and Frontier	AT&T and Frontier
Cellular Phone Service	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T
Fiber Optic Cable TV and Internet Access	NCATS Broadband	None	None	None	Partial NCATS Broadband
Waste Services	5 Corners Transfer Station	Private	Private	Private	Private
Recycling	None	None	None	None	None
Refuse	None	None	None	None	None
Snow Removal (Roads)	Road Commission	Road Commission	Road Commission	Road Commission	Road Commission
Emergency Services					
Law Enforcement	Sheriff MSP	Sheriff MSP	Sheriff MSP	Sheriff MSP	Sheriff MSP
Fire Department	Station 13	Big Rapids City	Station 19 Walkerville Fire	Station 15	Station 11 Station 13 Egelston Twp.
Medical First Responder	Station 13	None	None	Station 15	Station 11 Station 13 Egelston Twp.
EMS	Life EMS	Mecosta EMS	Life EMS	Life EMS	Life EMS
Zoning					
Local Ordinances	Yes	Yes	Yes	Yes	Yes
Master Plan	Yes	Yes	Yes	Yes	Yes

Utility Service	Brooks Township	Croton Township	Dayton Township	Denver Township	Ensley Township
Natural Gas	DTE Energy	DTE Energy	DTE Energy	DTE Energy	DTE Energy
Electricity	Consumers Energy	Consumers Energy	Consumers Energy	Consumers Energy	Consumers Energy
Sanitary Sewer System	Small portion City of Newaygo and COLA	None	None	None	None
Water Supply System	Small portion City of Newaygo and COLA	None	None	None	None
Central Storm Water Control	None	None	None	None	None
Local Telephone Service	AT&T	AT&T and Frontier	AT&T and Frontier	AT&T and Frontier	AT&T and Frontier
Cellular Phone Service	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T
Fiber Optic Cable TV and Internet Access	Partial Charter and NCATS Broadband	None	NCATS Broadband	NCATS Broadband	NCATS Broadband
Waste Services	Private	Transfer Station	Private	Private	Private
Recycling	Recycling for Newaygo Co.	Transfer Station	Recycling for Newaygo Co.	Recycling for Newaygo Co.	None
Refuse	None	None	None	None	None
Snow Removal (Roads)	Road Commission	Road Commission	Road Commission	Road Commission	Road Commission
Emergency Services					
Law Enforcement	Sheriff MSP	Sheriff MSP	Sheriff MSP	Sheriff MSP	Sheriff MSP
Fire Department	Station 12	Station 14	Station 11	Station 19	Sand Lake Fire
Medical First Responder	Station 12	Station 14	Station 11	None	Sand Lake Fire
EMS	Life EMS	Life EMS	Life EMS	Life EMS	Life EMS
Zoning					
Local Ordinances	Yes	Yes	Yes	Yes	Yes
Master Plan	Yes	Yes	Yes	Yes	Yes

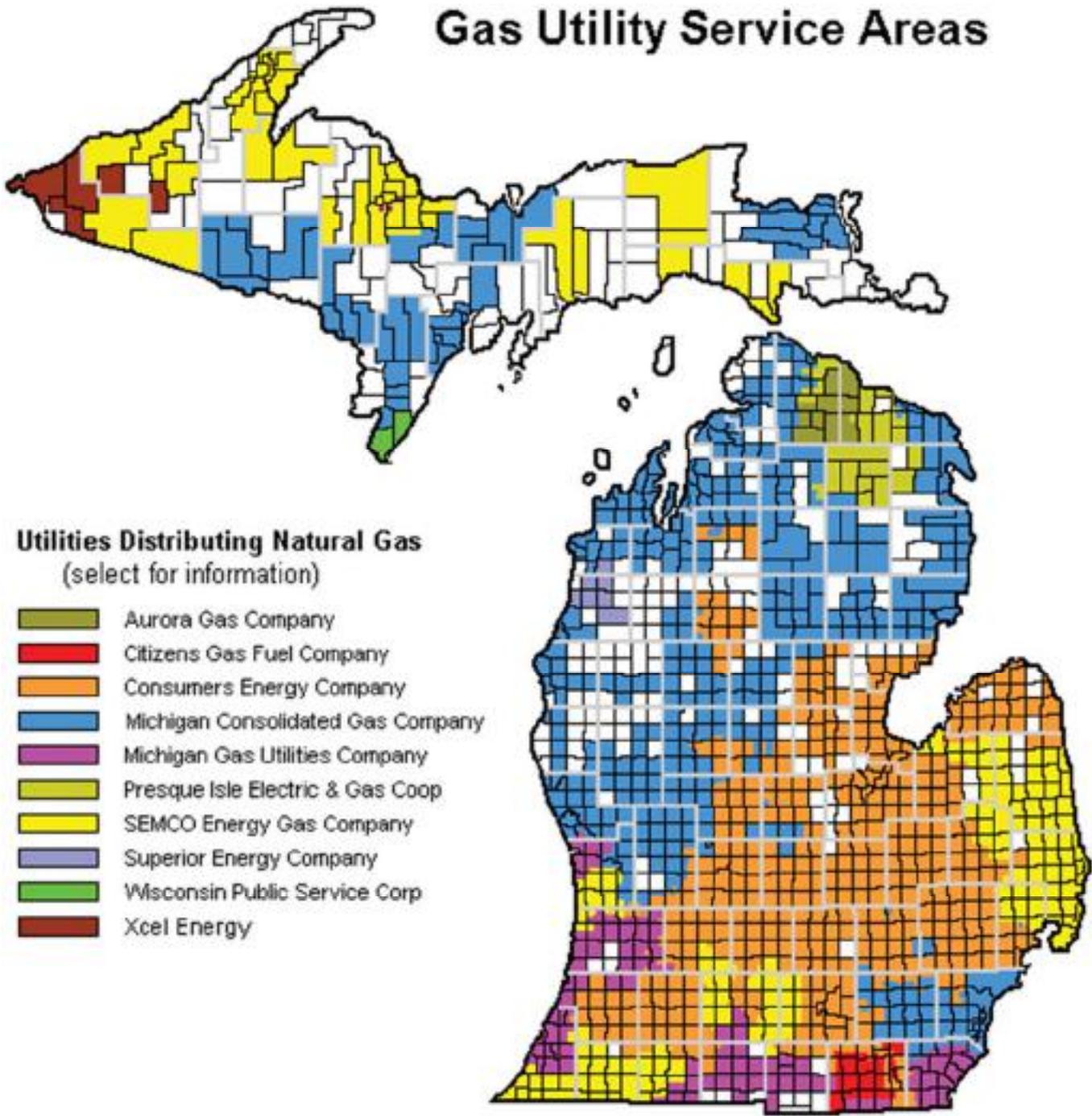
Utility Service	Everett Township	Garfield Township	Goodwell Township	Grant Township	Home Township
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Natural Gas	DTE Energy	DTE Energy	None	DTE Energy	None
Electricity	Consumers Energy and Great Lakes Energy	Consumers Energy	Consumers Energy	Consumers Energy	Consumers Energy
Sanitary Sewer System	Small Portion COLA	Small portion COLA	None	Small portion City of Grant	None
Water Supply System	Small Portion COLA	Small Portion COLA	None	Small portion City of Grant	None
Central Storm Water Control	None	None	None	None	None
Local Telephone Service	AT&T	AT&T	AT&T and Frontier	AT&T	AT&T
Cellular Phone Service	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T
Fiber Optic Cable TV and Internet Access	Small portion NCATS Broadband	NCATS Broadband	None	NCATS Broadband	None
Waste Services	Private	Private	Private	Private	Private
Recycling	Recycling for Newaygo Co.	Recycling for Newaygo Co.	None	Recycling for Newaygo Co.	None
Refuse	None	None	None	None	None
Snow Removal (Roads)	Road Commission	Road Commission	Road Commission	Road Commission	Road Commission
Emergency Services					
Law Enforcement	Sheriff MSP	Sheriff MSP	Sheriff MSP	Sheriff MSP	Sheriff MSP
Fire Department	Station 18	Station 11 Station 12	Station 15	Station 13	Station 17
Medical First Responder	None	Station 11 Station 12	Station 15	Station 13	Lilley First
EMS	Life EMS	Life EMS	Life EMS	Life EMS	Life EMS
Zoning					
Local Ordinances	Yes	Yes	Yes	Yes	Yes
Master Plan	Yes	Yes	Yes	Yes	Yes

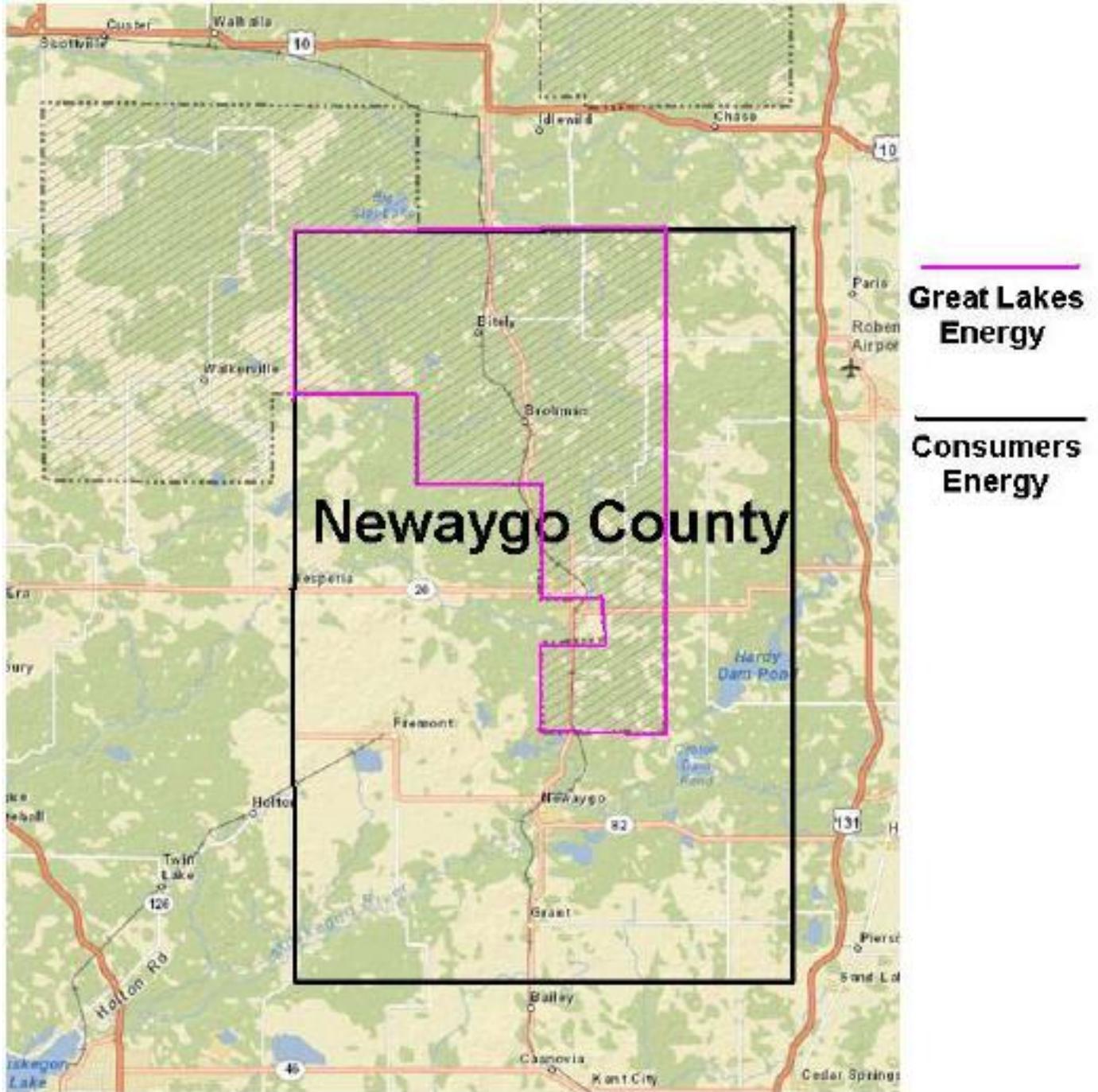
Utility Service	Lilley Township	Lincoln Township	Merrill Township	Monroe Township	Norwich Township
Natural Gas	None	None	None	DTE Energy	DTE Energy
Electricity	Great Lakes Energy	Consumers Energy	Great Lakes Energy	Great Lakes Energy	Consumers Energy
Sanitary Sewer System	None	None	None	None	None
Water Supply System	None	None	None	None	None
Central Stormwater Control	None	None	None	None	None
Local Telephone Service	AT&T	AT&T	AT&T	AT&T	AT&T
Cellular Phone Service	Verizon, Sprint, and AT&T				
Fiber Optic Cable TV and Internet Access	None	None	None	None	None
Waste Services	Transfer Station	Private	Transfer Station	Private	Private
Recycling	None	None	None	None	None
Refuse	None	None	None	None	None
Snow Removal (Roads)	Road Commission				
Emergency Services					
Law Enforcement	Sheriff MSP				
Fire Department	Station 17	Station 18	Station 17	Station 17	Big Rapids City
Medical First Responder	Lilley First	None	Lilley First	Lilley First	None
EMS	Life EMS	Life EMS	Life EMS	Life EMS	Mecosta EMS
Zoning					
Local Ordinances	Yes	Yes	Yes	Yes	Yes
Master Plan	Yes	Yes	Yes	Yes	Yes

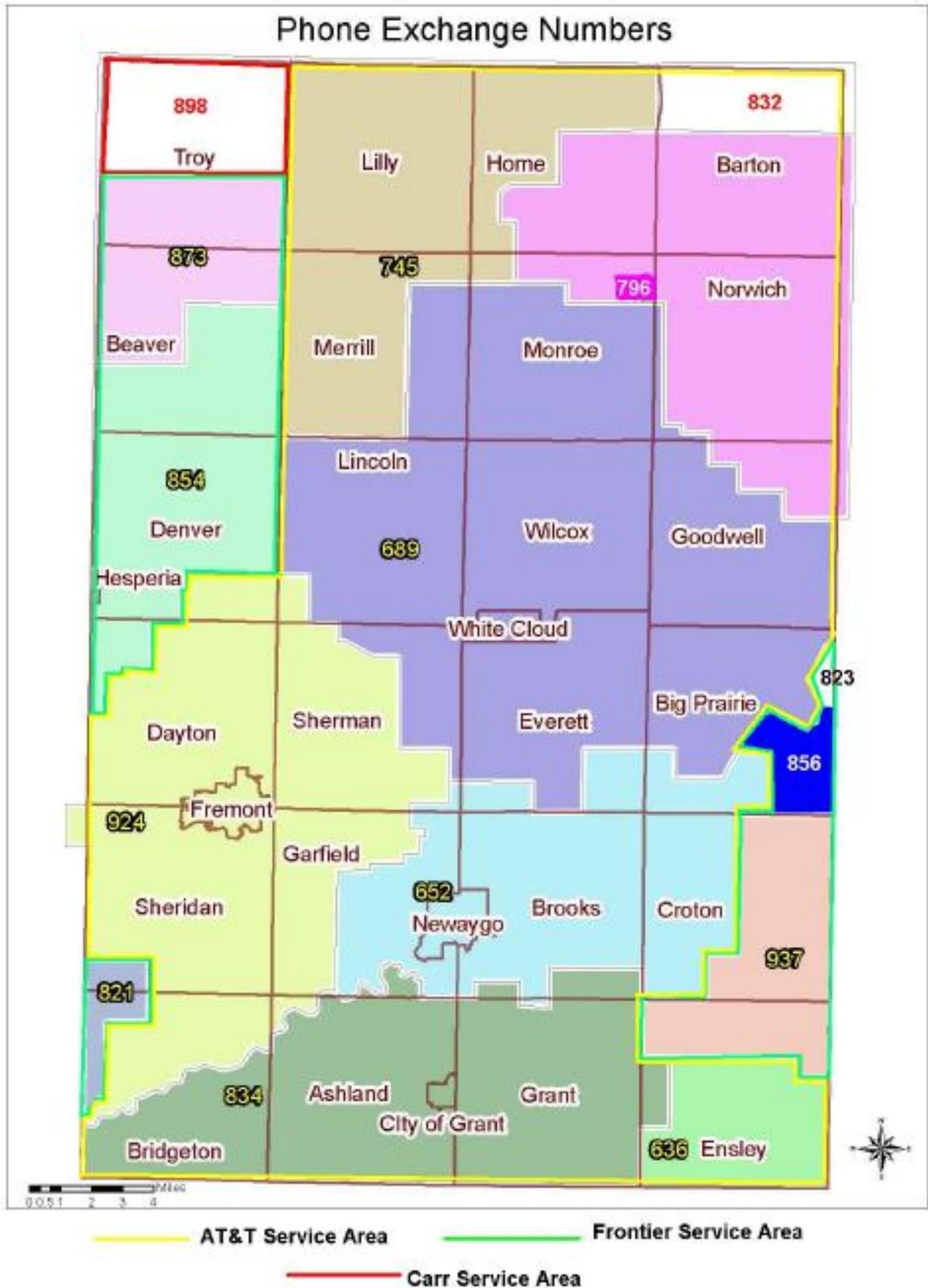
Utility Service	Sheridan Township	Sherman Township	Troy Township	Wilcox Township
Natural Gas	DTE Energy	DTE Energy	None	DTE Energy
Electricity	Consumers Energy	Consumers Energy	Great Lakes Energy	Great Lakes Energy
Sanitary Sewer System	Small portion City of Fremont	W.C.Sherman Utilities	None	None
Water Supply System	Small portion City of Fremont	W.C.Sherman Utilities	None	None
Central Storm Water Control	None	None	None	None
Local Telephone Service	AT&T and Frontier	AT&T	Frontier and Carr	AT&T
Cellular Phone Service	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T	Verizon, Sprint, and AT&T
Fiber Optic Cable TV and Internet Access	NCATS Broadband and partial Comcast	NCATS Broadband and partial Comcast	None	None
Waste Services	Private	Private	Private	Transfer Station
Recycling	Recycling for Newaygo Co.	Recycling for Newaygo Co.	None	Recycling for Newaygo Co.
Refuse	None	None	None	None
Snow Removal (Roads)	Road Commission	Road Commission	Road Commission	Road Commission
Emergency Services				
Law Enforcement	Sheriff MSP	Sheriff MSP	Sheriff MSP	Sheriff MSP
Fire Department	Station 11	Station 11 Station 18	Station 17	Station 18
Medical First Responder	Station 11	Station 11	Lilley First	None
EMS	Life EMS	Life EMS	Life EMS	Life EMS
Zoning				
Local Ordinances	Yes	Yes	Yes	Yes
Master Plan	Yes	Yes	No	Yes

Utilities for Newaygo County



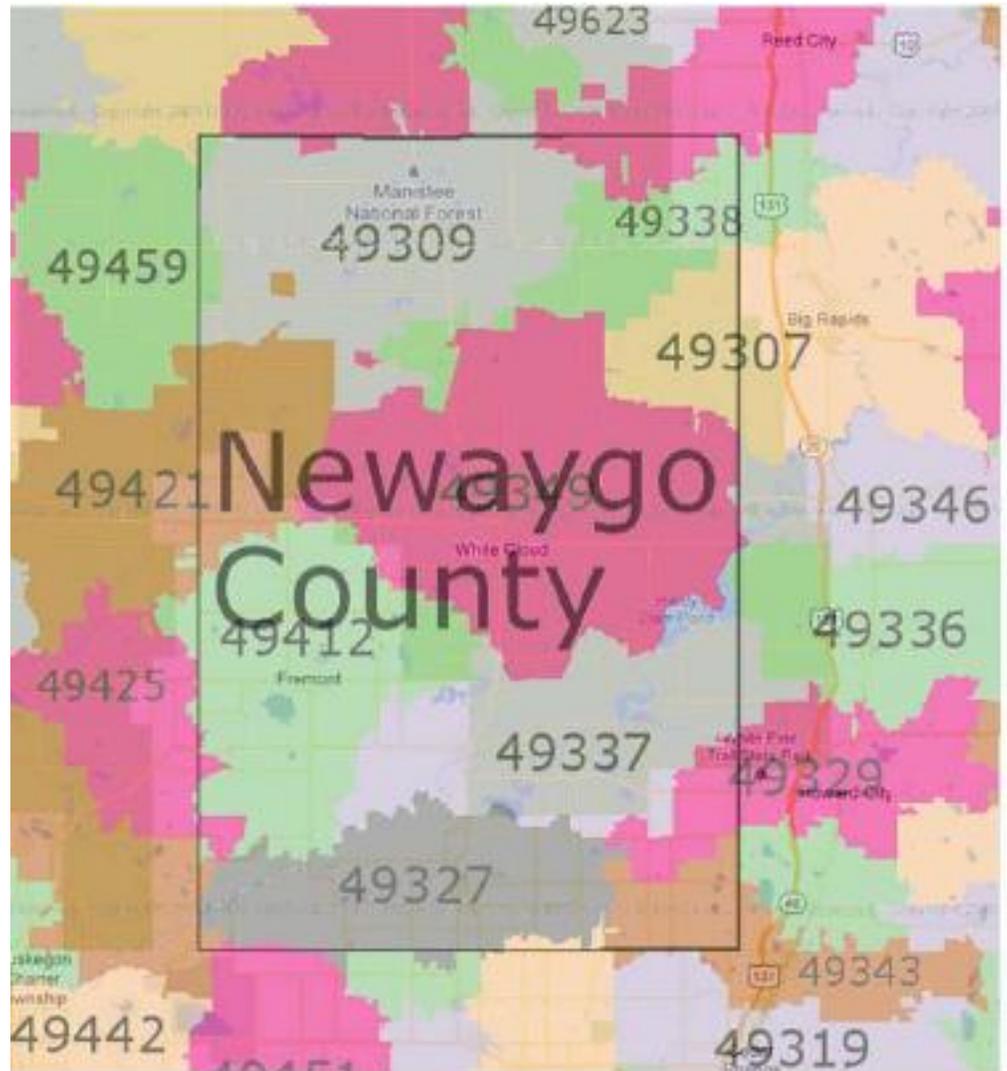
Electric Company Service Area for Newaygo County





Zip Codes for Newaygo County

<u>Zip Code</u>	<u>City</u>
49309	BITELY
49312	BROHMAN
49327	GRANT
49337	NEWAYGO
49349	WHITECLOUD
49412	FREMONT
49413	FREMONT
49304	BALDWIN
49421	HESPERIA
49459	WALKERVILLE
49677	REED CITY
49338	PARIS
49307	BIG RAPIDS
49336	MORLEY
49329	HOWARD CITY
49343	SAND LAKE



Media Resources Serving Newaygo County

TELEVISION STATIONS	
<p style="text-align: center;">WWZM TV 13 (ABC Affiliate) Phone: (616) 599-1300 Fax: (616) 784-8367 Website: http://www.wzzm13.com</p> <p>Primary service point for Newaygo County. Weekly news consists of 4 hours of Local daily news at 5:00 am, 6:00 am, 12:00 pm, 5:30 pm, 6:00 pm and 11:00 pm. Deadlines are at least 1 hour before broadcast.</p>	<p style="text-align: center;">WOOD TV 8 (NBC Affiliate) Phone: (616) 771-9633 Fax: (616) 456-5755 Website: http://www.woodtv.com</p> <p>Primary service point for Newaygo County. Weekly news consists of 4 ½ hours of Local daily news at 5:00 am, 6:00 am, 12:00 pm, 5:00 pm, 6:00 pm and 11:00 pm. Deadlines are at least 1 hour before broadcast.</p>
<p style="text-align: center;">WWMT TV 3 (CBS Affiliate) Phone: (269) 388-8322 Phone: (269) 388-4302 Website: http://www.wwmt.com</p> <p>Tertiary service point for Newaygo County. Weekly news consists of 5 ½ Hours of Local daily news at 5:00am, 6am, 7am, 12pm, 5pm, 5:30 pm, 6:00 pm, and 11pm. Deadlines are at least 1 hour before broadcast</p>	<p style="text-align: center;">FOX 17 WXMI (FOX Affiliate) Phone: (616) 364-1717 Fax: (616) 364-6018 Website: Http://www.fox17online.com</p> <p>Secondary service point for Newaygo County. Weekly news consists of 3 hours of Local daily news at 6:00 am and 10:00 pm. Deadlines are at least 1 hour before broadcast.</p>
<p style="text-align: center;">WWTV TV 9 & 10 (CBS Affiliate) Phone: (231) 775-3478 x 3301 Fax: (231) 775-2731 Website: https://www.9and10news.com/</p> <p>Secondary service point for Newaygo County. The station transmits to 249,450 households. Weekly news consists of 5 Hours of Local daily news at 5:00am, 6:00 am, 12pm, 5pm, 6:00 pm and 11pm. Deadlines are at least 1 hour before broadcast.</p>	<p style="text-align: center;">WPBN TV 7 & 4 (NBC Affiliate) Phone: (231) 946-2504 Fax: (231) 947-0354 Website: http://www.upnorthlive.com</p> <p>Tertiary service point for Newaygo. Weekly news consists of 3 ½ Hours of Local daily news at 5:00am, 6:00 am, 11am, 5pm, 6:00 pm, and 11pm. Deadlines are at least 1 hour before broadcast.</p>
RADIO STATIONS	
<p style="text-align: center;">WOOD RADIO (STAR 105.7 FM Grand Rapids) Phone: (616) 459-1919 Fax: (616) 732-3330 Website: http://www.westmichiganstar.com</p> <p>Primary Emergency Alert System Radio Station.</p>	<p style="text-align: center;">WLNT RADIO (95.7 FM Grand Rapids) Phone: (616) 451-4800 Website: http://www.mychannel957.com</p> <p>Secondary Emergency Alert System Radio Station.</p>
<p style="text-align: center;">WKAR RADIO (90.5 FM East Lansing) Phone: (517) 432-9527 Fax: (517) 353-7124</p> <p>Statewide Emergency Alert System Radio Station. https://www.wkar.org/</p>	<p style="text-align: center;">WYBR & WBRN Radio (102.3 FM / 109.0 FM / 1460 AM Big Rapids) Phone: (231) 796-7000 Fax: (231) 796-7951 Website: http://www.wybr.com</p> <p>Tertiary service point for Newaygo County (small audience).</p>

NEWSPAPERS	
<p>TIMES INDICATOR (Fremont) 44 West Main Street, PO Box 7 Fremont MI 49412 Phone: (231) 924-4400 Fax: (231) 924-4066 Website: http://www.timesindicator.com/ Primary service point for Newaygo County. Weekly publication on Wednesdays. Deadlines are by Friday at noon.</p>	<p>Hi Lites Shoppers Guide 1212 Locust Street, Fremont MI 49412 Phone: (231) 924-0630 Fax: (231) 924-5580 Website: http://www.hi-lites.net Serving the Area since 1947, the Hi-lites shoppers guide only publishes advertisements/notices, sales, and classified ads. Weekly publication on Sundays. Deadlines are Thursday by 5:30 PM.</p>
<p>PIONEER NEWS (Big Rapids / Paris) 115 North Michigan Ave, Big Rapids MI 49307 Phone: (231) 592-8360 Fax: (231) 796-1152 Website: http://www.bigrapidsnews.com The Pioneer is a 6-day a week newspaper covering Big Rapids, greater Mecosta County, Osceola County and parts of Lake and Newaygo Counties. The Pioneer is a division of the Pioneer Group.</p>	<p>LAKE COUNTY STAR 851 Michigan Ave, Baldwin MI 49304 Phone: (231) 745-4635 Fax: (231) 745-7733 Website: http://www.lakecountystar.com The Lake County Star is a weekly newspaper based in Baldwin, the county-seat of Lake County. The Lake County Star is a division of the Pioneer Group. The Thursday publication has been serving the news and advertising needs of Lake County since 1873. (Northern Newaygo County)</p>
<p>MUSKEGON CHRONICLE (Muskegon) Phone: (800) 783-3161 X 3 Fax: (231) 722-2552 Email: news@muskegonchronicle.com City of Muskegon and Muskegon County with a section for Newaygo and Oceana County News. Daily publications. Deadlines are due by 9 am. A part of the MLIVE Media group.</p>	<p>Grand Rapids Press (Grand Rapids) Phone: (616) 222-5455 Fax: (616) 222-5269 Email: localnews@grpress.com Secondary service point for Newaygo County, Daily publications. Deadlines are due by 9am. A part of the MLIVE Media group.</p>
SOCIAL MEDIA	
<p>Facebook Http://www.facebook.com Is a free Social Networking website that allows users to send messages and post information in their personal profiles. The information is shared quickly and is a convenient way to distribute press releases, Amber Alerts, road closings, and other emergency information. In addition, it allows for two way communications with other users to allow for better situational awareness.</p>	<p>Twitter Http://www.twitter.com Is a free Social Networking website enabling it users to send and receive messages known as tweets. Tweets are text based posts up to 140 characters displayed on the author's profile page and delivered to the author's subscribers who are known as followers. All users can send and receive tweets via the Twitter website, Short Message Service (SMS), or external applications.</p>
<p>Near North Now – Online Newspaper https://www.nearnorthnow.com/ Is an online, local newspaper that allows users access to top stories within Newaygo County along with sports, community information, and more. Information can be released quickly (an hour or less) with the cooperation of the editors on their website and posted to Facebook.</p>	<p>MLIVE http://www.mlive.com The MLive media group is home to eight newspaper companies including Ann Arbor News, the Bay City Times, Flint Journal, The Grand Rapids Press, Jackson Citizen Patriot, Kalamazoo Gazette, Muskegon Chronicle, and the Saginaw News. MLive posts Digital editions of their newspaper online to their website.</p>
<p>Websites Http://www.coutnyofnewaygo.com Newaygo County Information and Technology Department can post press releases on the home page of the County of Newaygo's Website.</p>	

Special Events

Throughout the United States, at any given time of year, there are festivals, concerts, fairs, sporting events, and many other large and small events that gather or have the potential to gather large crowds. Communities often use these festivals and special events as a way of generating large income and promoting themselves to potential visitors. As of October 2019, Pure Michigan has 421 registered special events for the 2019 Calendar Year and 167 registered special events for the 2020 Calendar Year across Michigan. In Newaygo County, there are annual special events which occur in each community bringing in large crowds. Table 46 is a list of the primary special events occurring in Newaygo County.

*Table 46, Newaygo County Festivals and Events
Compiled by: Newaygo County Emergency Services*

City of Fremont	Month	Approximate Date
Fremont Area Home and Garden Show	March	Third weekend
Family Health and Safety Expo	May	Third weekend
National Baby Food Festival	July	Third week, Wednesday - Saturday
Newaygo County Agricultural Fair	August	First full week, Saturday - Saturday
Fremont Harvest Festival	October	First weekend, Saturday - Sunday
Fremont Farmers Market	June – September	Saturdays and Tuesdays
City of Newaygo	Month	Approximate Date
Winterfest	January	Last Weekend, Tuesday - Saturday
Troutfest	April	Fourth Weekend
Memorial Day Festival	May	Memorial Day Weekend
PowerPaddle Canoe and Kayak Races	June	Second Weekend
Newaygo County Kids Day	June	Father's Day Weekend, Saturday
Newaygo Farm Market	July – October	
July 4 th Celebration	July	July 4 th timeframe
Riverstock Festival	August	Second Weekend, Friday - Sunday
Logging Festival	September	Labor Day Weekend
Holiday Festival	December	First Weekend, Friday - Sunday
City White Cloud	Month	Approximate Date
Winter Carnival	March	First Saturday
Kids Free Fishing Day	June	First Saturday
White Cloud Homecoming	June	Father's Day weekend, Friday - Sunday
Airport Fly-in and Pancake Breakfast	June	Father's Day
Pow Wow Days	August	First weekend, Saturday - Sunday
City of Grant	Month	Approximate Date
Grant Festival	August	Third weekend, Friday - Saturday
Community Christmas	December	Second Saturday
Village of Hesperia	Month	Approximate Date
Hesperia Family Fun Festival	July	July 4 th Holiday, 4 days
Croton Township	Month	Approximate Date
Dam to Dam Ice Fishing Contest	February	DNR Free Fishing Weekend
Hooking Up Heroes	June	Second Saturday
Croton Dam Annual 4 th Celebration	July	July 4 th Holiday, 4 days
Hot Boat Weekend	September	First weekend after Labor Day