

AMATS

2050

P LANNING D ATA

F ORECAST



SEPTEMBER 2024

AKRON METROPOLITAN AREA TRANSPORTATION STUDY
1 CASCADE PLAZA, SUITE 1300
AKRON, OHIO 44308

Executive Summary

The Akron Metropolitan Area Transportation Study (AMATS) Planning Data Forecast is a useful tool to understand what the greater Akron area could possibly look like in 2050. While it is truly impossible to accurately predict the future, current trends can give us some expectation of what the future holds. The forecasting of planning variables provides insight to what needs our transportation system may require and it is a critical part of the long-range planning process.

Predicting the exact changes in the population of the Akron, Ohio metropolitan area from now until 2050 involves considering various factors and scenarios. Currently, Akron and its surrounding areas have experienced periods of stable population growth, but also faced challenges such as overall population stagnation seen across Ohio. Looking forward, several trends may influence population dynamics:

1. **Economic Factors:** Akron's economy, historically rooted in manufacturing (especially rubber and polymers), has diversified into healthcare, education, and technology sectors. Economic growth and job opportunities could attract new residents and stabilize population trends.
2. **Cost of Living:** Ohio, including Akron, is known for its relatively low cost of living compared to coastal cities. This affordability can attract individuals and families seeking more affordable housing options and a lower cost of living, potentially boosting population growth.
3. **Quality of Life:** The region's proximity to natural resources like abundant freshwater and its inland location, which offers some protection from coastal weather events, may become increasingly attractive as climate change impacts intensify elsewhere.
4. **Migration Patterns:** Migration trends, both domestic and international, will play a significant role. Factors such as employment opportunities, quality of life, and educational institutions can influence whether people choose to move to or from the Akron area.
5. **Policy and Planning:** Long-term planning initiatives, including transportation infrastructure development, urban revitalization projects, and environmental policies, can shape the attractiveness and livability of the Akron area, influencing population trends.

While these factors suggest potential for growth, uncertainties remain. Demographic shifts, economic conditions, and unforeseen events like pandemics or economic recessions could also impact population trends. Therefore, projecting the precise population changes in the Akron metropolitan area by 2050 involves considering a range of scenarios and adapting planning strategies accordingly. This report presents the results of two different population forecast scenarios:

- The **ODOD Scenario** is based on aligning the 2050 population totals with the Ohio Department of Development's county-level population forecasts for Ohio.
- The **Current Trends Scenario** is based on analyzing population trends over the last 20 years to extrapolate future population and employment projections.

Introduction

One of the most fundamental steps in the regional transportation planning process is the collection, organization and analysis of existing planning-related data. Using this data, AMATS can determine where we have been (from a social-economic standpoint), the region's current conditions, and perhaps most critical to any planning effort, in what direction we are heading.

Although the most commonly used data items (ex. population or employment data) are gathered and analyzed on an ongoing basis, a greatly expanded effort is undertaken in preparation for each upcoming long-range regional transportation plan. For this reason, the AMATS 2050 Planning Data Forecast has been completed as a necessary precursor to the upcoming long-range plan update.

AMATS analyzes the base year of 2020 and the planning period year of 2050. The 2020 data generally comes from either the most recent U.S. census or from American Community Survey (ACS). Using forecasting methodology, this 2020 data is projected out to the plan year of 2050. Projection methodologies vary depending on the nature of each variable and are described below.

The AMATS 2050 Planning Data Forecast projects a number of variables, each of which has a direct impact on local traffic and is therefore required for input into the regional travel demand model. These variables include:

Population	Household	Employment	Stand-alone
Total Population	Total HH	Total Employment	Hotel Rooms
Age Under 18	Median HH Income	Employment by Sector	Parking Cost
Age 18-21	Vehicles		K-12 Enrollment
Group Quarters			University Enrollment
Workers			

The AMATS region is divided into 837 traffic analysis zones (traffic zones or TAZ). These traffic zones are used by the regional travel demand model to generate traffic volumes and to determine where trips begin and end. The model requires that each of the variables be provided for each traffic zone – for the base year 2020 and plan year 2050.

The AMATS 2050 Planning Data Forecast places the planning variables into three categories: population-based, employment-based and stand-alone variables. For each variable, this report will explain the sources of the underlying data and the methodology used to generate 2050 forecasts. In Part V of this report, the data representing each of the planning variables will be presented by subarea.

Future Projections

AMATS actively forecasts future data by analyzing historical trends, though predicting future growth with absolute precision is challenging. Minor fluctuations over the 30-year horizon can significantly impact anticipated outcomes for individual communities. Major shifts can drastically change projected totals.

To smooth out these data fluctuations, as well as to resolve problems of redundancy (i.e. where census tracts or TAZs include portions of more than one municipality), AMATS has aggregated TAZ-level data - for every variable - into eight different subareas. These subareas reflect the shared growth characteristics of the political units within the same geographic area. In addition, data has been presented at the regional and county levels, as well as for three specific larger cities: Akron, Barberton and Cuyahoga Falls. The data from these three communities is not included in the subarea data. The following is a breakdown of the levels in which data has been presented for this analysis:

Forecasting Levels Breakdown	
Regional	
AMATS Region	
COUNTY	
Summit County, Portage County	
SELECT CITIES	
Akron, Barberton, Cuyahoga Falls	
SUBAREAS	
Northern Summit	Boston Heights, Boston Township, Hudson, Macedonia, Northfield Village, Northfield Center Township, Sagamore Hills, Twinsburg, Twinsburg Township
Central Summit	Bath Township, Copley Township, Fairlawn, Munroe Falls, Silver Lake, Stow, Tallmadge
Southern Summit	Clinton, Coventry Township, Green, Lakemore, Mogadore, New Franklin, Norton, Springfield Township
Northwest Portage	Aurora, Mantua Village, Mantua Township, Shalersville Township, Streetsboro, Sugar Bush Knolls
Northeast Portage	Freedom Township, Garrettsville, Hiram Village, Hiram Township, Nelson Township, Windham Village, Windahm Township
Southwest Portage	Brimfield Township, Franklin Township, Kent, Mogadore (Portage), Randolph Township, Ravenna, Ravenna Township, Rootstown Township, Suffield Township, Tallmadge (Portage)
Southeast Portage	Atwater Township, Charlestown Township, Deerfield Township, Edinburg Township, Palmyra Township, Paris Township
Northeast Wayne	Chippewa Township, Doylestown, Milton Township, Norton (Wayne), Rittman

While performing the various data analyses required for the Planning Data Forecast, AMATS generally allows historic data points to paint the picture of what may be expected in 2050. AMATS solely uses these projections for planning purposes and in no way does it impact current project selection or funding.

ODOD Scenario Forecasting Methodology

Part I: Population-Based Variables

Population

Data Sources

AMATS relied on the following data sources to distribution changes in population between the base year (2020) and planning horizon (2050) among the region's TAZs:

- Historic data from the 2010 and 2020 U.S. Census, collected at the block level
- ACS 2015 5-Year, collected at the census tract level and down sampled to the block level

Methodology

The approach for forecasting population integrates local population dynamics with broader regional trends. This process is described below.

1. The project team calculated the rate of population between 2015 and 2020 for each county and TAZ.
2. We applied the Interquartile Range (IQR) method to identify and exclude outliers in TAZ-level population change rates to prevent them from distorting the forecast. Specifically:
 - i. We projected the 2025 population for TAZs *without* outlier change rates using their specific 2015 – 2020 change rate, capturing the localized trend.
 - ii. For TAZs *with* outlier change rates, we forecasted the 2025 population using the overall county rate of change according to the Ohio Department of Development (ODOD) 2025 forecast for county population.
 - iii. For counties fully contained within the AMATS region (Summit and Portage), we used the complete ODOD forecast numbers. For counties only partially within the AMATS region (Wayne and Medina), we kept the population proportion within the AMATS region constant through the forecast horizon.
3. We employed the 2025 forecast approach to project the 2030 population, this time using the 2020 - 2025 population data and 2030 ODOD county rate of change numbers for outliers.
4. For long-term forecasts (2035, 2040, 2045, 2050), we adapted our methodology to address the increasing uncertainty of predicting long-term population trends at the TAZ level. We relied exclusively on ODOD county control totals for these forecasts.
5. If the 2050 forecast showed discrepancies with the ODOD county control totals, we proportionally adjusted each TAZ's forecast. This adjustment was based on the error percentage between the aggregate county-level 2050 forecast and the ODOD 2050 county control totals. This step ensured our forecast was consistent with regional expectations while preserving local trends, adding an additional layer of validation.

Summary

Our methodology merges localized changes at the TAZ level with broader regional trends at the county level to enhance the accuracy and realism of our forecasts. Shifting our approach for long-term forecasts, we actively consider the growing uncertainty in extended range predictions. Our final error

adjustment mechanism aligns our forecasts with regional expectations. However, we must acknowledge that this methodology assumes the continuity of trends and relationships, relying on the continuation of the observed and forecasted trend of population decline across the forecast horizon.

Population Under 18

Data Sources

To forecast the population under the age of 18 for 2050 in the AMATS region, the team used two primary data sources:

- 2020 U.S. Census
- Previously calculated 2050 population by TAZ figures

Methodology

We calculated the percentage of the under-18 population for each TAZ, using the total 2020 population. Assuming the under-18 population percentage would remain constant through 2050, we multiplied the 2020 rate by the previously forecasted 2050 total population for each TAZ to determine the 2050 under-18 population.

Population 18 - 21

Data Sources

To forecast the population between the ages of 18 and 21 for 2050 in the AMATS region, the team used two primary data sources:

- 2020 5-year ACS
- Previously calculated 2050 population by TAZ figures

Methodology

The 2020 U.S. Census did not specifically provide numbers for the population aged between 18 and 21. However, we found age cohorts for the total population of 21 and over in the 2020 5-year American Community Survey (ACS) data. We subtracted the previously calculated 2020 populations under 18 and 21 and over from the total population to calculate the 2020 population between the ages of 18 and 21. For each TAZ, we calculated the percentage of the 18 to 21 population using the total 2020 population. Assuming the 18 to 21 population percentage would remain constant through 2050, we multiplied the 2020 rate by the previously forecasted 2050 total population for each TAZ to determine the 2050 population of those aged 18 to 21.

Group Quarters

Data Sources

To project the number of residents living in group quarters by 2050, AMATS used the following data sources:

- 2020 U.S. Census
- Various institutional websites and reports for resident count and verification purposes

Methodology

Group quarters include college dormitories, jails and similar detention centers, and nursing homes. The 2020 U.S. Census provided data for group quarters down to the block level. We apportioned the total number of group quarter residents to the traffic zones within each block.

Since group quarters populations are not related to the surrounding local community (i.e., university students, inmates and nursing home residents may come from anywhere), AMATS assumed that group quarters populations would remain the same for existing facilities. Given the decline in population it was assumed that new group quarter population centers would not be constructed.

Workers

Data Sources

To project the number of workers expected by 2050, AMATS used the following data sources:

- 2020 5-year ACS
- Previously calculated 2050 population by TAZ figures

Methodology

The Census Bureau defines workers as people who reside within a community, are 16 years or older and who did any work for pay. Workers may be employed in a community other than the one in which they live. In this case, a worker specifically refers to someone who lives within a given TAZ. The 2020 5-year ACS data contains the number of workers within a community at the tract level. Tract level data was down sampled to the block level and apportioned to the TAZs.

For each TAZ, the 2020 number of workers was divided by the 2020 total population of the TAZ to determine the percentage of the population within that TAZ that could be classified as workers. Assuming this rate would remain constant through 2050, this 2020 rate of workers per TAZ was multiplied by the previously calculated 2050 population by TAZ to determine the number of workers in each TAZ in 2050.

Part II: Household-Based Variables

Households

Data Sources

To project the number of households anticipated by 2050, AMATS used the following data sources:

- Historic data from the 2010 and 2020 U.S. Census, collected at the block level
- ACS 2011 – 2019, 2021, and 2022 5-Year data, collected at the census tract level and down sampled to the block level
- AMATS Population Projections

Methodology

The approach for forecasting households emphasizes statistical rigor and validation to address the challenges of long-term forecasting.

1. Our project team forecasted household numbers (HH) for TAZs up to 2050 using time series analysis. This task required a more robust analysis and validation, as ODOD did not provide HH control numbers, unlike the population forecast.

2. To ensure the effectiveness of our time series analysis, we tested each TAZ's household formation rate (HH divided by Population) for stationarity.
 - i. We applied differencing transformations to TAZs showing non-stationarity and reassessed their stationarity status.
 - ii. We then identified the best fitting ARIMA models for each TAZ using the Autoregressive Integrated Moving Average (ARIMA) function, carefully selecting appropriate lag orders and differencing levels.
3. We validated our models' reliability through time series cross-validation, using an expanding window approach and evaluated model performance by calculating the Root Mean Square Error (RMSE). This step confirmed our models' accuracy and helped us understand our forecasts' uncertainty.
4. We then applied these RMSE values to the most recent household data, creating upper and lower bounds for our forecasts and providing a range of plausible outcomes.

Summary

Our methodology is underpinned by a balance between statistical rigor and practical adaptation to the data's challenges. While acknowledging the limitations of ARIMA models and the inherent assumptions in long-term forecasting, our approach is characterized by its thoroughness in testing, validation, and careful application of error estimates. Across the AMATS region we calculated an uncertainty of less than 2% for our forecast.

Median Household Income

Data Sources

To project the median household income for 2050, AMATS used the following data source:

- 2020 5-year ACS

Methodology

We determined the 2020 median household income for every census tract within the AMATS region using data from the 2020 5-year ACS, assuming it remained consistent across every TAZ within that census tract. For TAZs spanning multiple census tracts, we calculated the median. Given the region's declining population, we assumed that median household income would not increase, thus keeping it constant through 2050. We also did not apply any inflation factor to the 2050 median household income numbers.

Vehicles

Data Sources

To forecast the number of HH (i.e., non-commercial) vehicles for 2050, AMATS used the following data sources:

- 2020 5-year ACS
- Previously calculated 2050 number of households by TAZ figures

Methodology

We used 2020 5-year ACS data to apportion the total number of vehicles to TAZs within each tract. The project team divided the number of vehicles by the 2020 the number of 2020 households to determine

the number of vehicles per household for each TAZ. We assumed that the number of vehicles per household rate would remain constant through 2050.

Part III: Employment-Based Variables

Employment

Data Sources

To forecast change in employment in the AMATS region for 2050, we used the following data sources:

- 2020 Quarterly Census of Employment and Wages (QCEW)
- Ohio Department of Jobs and Family Services Industry Employment Projection Report 2020-2030

Methodology

Total employment differs from total number of workers as defined by the U.S. Census. While workers are defined by the area in which they live, employment is defined by the area in which they work. The QCEW 2020 data was used to establish total employment within the AMATS region. This dataset contains employment centers as points which were overlaid with the AMATS TAZs in GIS to allocate Employment by TAZ. Employment industry data is differentiated by its North American Industry Classification System (NAICS) code, as identified in the following table:

NAICS Industry Code

Code #	Industry Description
NAICS 11	Agriculture, Forestry and Hunting
NAICS 21	Mining
NAICS 22	Utilities
NAICS 23	Construction
NAICS 31-33	Manufacturing – Aggregated
NAICS 42	Wholesale Trade
NAICS 44-45	Retail Trade – Aggregated
NAICS 48-49	Transportation and Warehousing – Aggregated
NAICS 51	Information
NAICS 52	Finance and Insurance
NAICS 53	Real Estate and Rental and Leasing
NAICS 54	Professional Scientific and Technical Services
NAICS 55	Management of Companies and Enterprises
NAICS 56	Administrative Support, Waste Management and Remediation Services
NAICS 61	Education Services
NAICS 62	Health Care and Social Assistance
NAICS 71	Arts, Entertainment and Recreation
NAICS 72	Accommodation and Food Services
NAICS 81	Other Services (except Public Administration)
NAICS 91	Public Administration
NAICS 99	Other

Ohio Department of Jobs and Family Services employment projections from 2020 to 2030 were used to develop growth rates for NAICS job codes out to 2050. It was assumed that most employment centers would remain employment centers between 2020 and 2050. The employment growth assumed in the AMATS region was distributed to TAZs where NAICS employment was already located.

It is important to note that these employment numbers may show substantial impact from the COVID-19 pandemic. For example, the Arts, Entertainment and Recreation industry – heavily impacted by the COVID-19 pandemic – is showing over 75% growth for the 2050 forecast. The analysis team believes that the resulting job losses and economic rebound could be inflating the rate employment growth in the region.

Part IV: Stand Alone-Based Variables

Hotel Rooms

Data Sources

To forecast the number of hotel rooms available in 2050, AMATS used the following data sources:

- Various hotel and travel industry websites to identify hotels and their room inventories
- Press releases regarding planned and/ or pending hotel construction

Methodology

AMATS identified every hotel, as well as the total number of rooms at each hotel, in the region. Once hotels and their addresses were identified, they were overlaid in GIS to determine which TAZ housed each hotel. All hotels and room inventories existing as of 2020 were assumed to exist unchanged through 2050.

Parking

Data Sources

To forecast the cost of parking in 2050, AMATS used the following data sources:

- Various parking availability websites to identify parking lot locations and cost
- Press releases in frequently visited areas regarding the planned construction of additional parking lots

Methodology

AMATS located all paid parking lots and garages, and research was conducted to identify the average cost per hour (in cents) for parking at these facilities. Once parking facilities and their addresses were identified, they were overlaid in GIS to determine which TAZ housed each parking facility. All parking facilities existing as of 2020 were assumed to exist unchanged through 2050.

School Enrollment

Data Sources

To forecast the number of students enrolled in K-12 in 2050, AMATS used the following data sources:

- Public and Private school Homeland Infrastructure Foundation-Level Data (HIFLD)
- Research on various school closures
- Previously forecasted 2050 population under 18

Methodology

We categorized school enrollment data into two groups: students in grades K-8 and students in grades 9-12. The HIFLD dataset, which includes both public and private school enrollment numbers, allowed us to overlay these numbers with the AMATS TAZs in GIS, allocating enrolled students by TAZ.

Currently, many school districts in the region are closing and/or consolidating school facilities. We conducted research to identify schools affected by these changes to exclude them from the 2050 forecast. We assumed that each school facility draws students from beyond its TAZ, leading us to consolidate the total student population by school district. We then calculated the percentage of the total student body for each school within a district. Assuming the total number of students in a school district would change in proportion to the under-18 population of the TAZs within the district, we calculated the 2050 total number of students for each school district. Assuming the percentage of students in each school district remains constant—excluding schools slated for closure—we multiplied this rate by the 2050 total student number previously calculated for each school district.

University Enrollment

Data Sources

To forecast the number of students enrolled in universities in 2050, AMATS used the following data sources:

- Public and Private school Homeland Infrastructure Foundation-Level Data (HIFLD)

Methodology

The HIFLD dataset identifies university enrollment numbers as points which we overlaid with the AMATS TAZs in GIS to allocate enrolled students by TAZ. University enrollment numbers were assumed to stay constant for the 2050 forecast. University enrollment tends to stay constant, and no plans were found for building new universities or closing current universities within our forecast time horizon.

Current Trends Scenario Forecasting Methodology

The ODD Scenario for predicting the 2050 population relied on state-provided county control totals, using these figures as the foundational basis for all other variable calculations. The Current Trends scenario instead leverages historic trends and a logarithmic regression model to forecast the 2050 population. While this approach changes the calculation for population figures, it is important to note that all other variables continue to be derived from this revised population estimate. As a result, the overall methodology remains consistent, with the primary adjustment being the source and method of determining the population projections.

Population

Data Sources

AMATS relied on the following data sources to distribution changes in population between the base year (2020) and planning horizon (2050) among the region's TAZs:

- Historic data from the 2000, 2010, and 2020 U.S. Census, collected at the block level
- ACS 2015 5-Year, collected at the census tract level and down sampled to the block level

Methodology

The approach for forecasting population integrates local population dynamics with broader regional trends. This process is described below.

1. The project team calculated the rate of population change from 2000 to 2020 for each county and TAZ.
2. We applied the Interquartile Range (IQR) method to identify and exclude outliers in TAZ-level population change rates to prevent them from distorting the forecast. Specifically:
 - a. We projected the 2030 population for TAZs *without* outlier change rates using their specific 2000 – 2020 change rate, capturing the localized trend.
 - b. For TAZs *with* outlier change rates, we forecasted the 2030 population using the overall county rate of change. We calculated the county rate of change with a logarithmic regression model.
3. For long-term forecasts (2040, and 2050), we adapted our methodology to address the increasing uncertainty of predicting long-term population trends at the TAZ level. We relied exclusively on our county-level logarithmic model for these forecasts.
4. If the 2050 forecast showed discrepancies with the model totals, we proportionally adjusted each TAZ's forecast. This adjustment was based on the error percentage between the aggregate county-level 2050 forecast and the logarithmic regression model 2050 county control totals. This step ensured our forecast was consistent with regional expectations while preserving local trends, adding an additional layer of validation.

Summary

Our methodology merges localized changes at the TAZ level with broader regional trends at the county level to enhance the accuracy and realism of our forecasts. Shifting our approach for long-term forecasts, we actively consider the growing uncertainty in extended range predictions. Our final error adjustment mechanism aligns our forecasts with regional expectations. However, we must acknowledge that this methodology assumes the continuity of trends and relationships, relying on the continuation of the observed and forecasted trend across the forecast horizon.

Forecast Results

The following tables present the results of the various analyses conducted for both scenarios as part of the Planning Data Forecast process. All variables have been forecasted for the AMATS region, at the county level, for three significant cities and eight subareas. Employment data has been summarized by NAICS code.

Each table includes 2020 base year data, as well as the data forecasted through the plan year of 2050. Although data has been cross-checked for as much consistency as possible, certain situations prevent the perfect reconciliation of totals between different variables and/or subareas. Some of these situations include, but are not limited to:

- Rounding error
- Overlap between geographical boundaries (municipal/TAZ/census tract/etc.)
- The necessity of using different data sources within the same analysis due to data gaps or unavailability
- Internal efforts to smooth untenable forecasted totals

The following pages include a map illustrating the political units, subareas and traffic analysis zones that were considered as part of this analysis, as well as a presentation of the variables for each of these geographic areas.

AMATS 2050 Forecast Characteristics – ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	720,087	612,750	-14.9%
Households	304,094	274,482	-9.7%
Population Under 18	146,339	124,664	-14.8%
Vehicles	538,456	486,949	-9.6%
Workers	356,805	303,822	-14.8%

Employment				
NAICS 11	440	495	12.5%	Agriculture, Forestry and Hunting
NAICS 21	373	487	30.6%	Mining
NAICS 22	1,582	1,241	-21.6%	Utilities
NAICS 23	13,191	14,885	12.8%	Construction
NAICS 31-33	39,470	39,103	-0.9%	Manufacturing - Aggregated
NAICS 42	15,468	15,792	2.1%	Wholesale Trade
NAICS 44-45	34,812	31,342	-10.0%	Retail Trade - Aggregated
NAICS 48-49	14,370	19,364	34.8%	Transportation and Warehousing - Aggregated
NAICS 51	5,221	5,260	0.7%	Information
NAICS 52	10,448	10,695	2.4%	Finance and Insurance
NAICS 53	3,327	3,505	5.4%	Real Estate and Rental and Leasing
NAICS 54	15,107	18,123	20.0%	Professional Scientific and Technical Services
NAICS 55	14,242	16,618	16.7%	Management of Companies and Enterprises
NAICS 56	15,966	18,287	14.5%	Administrative Support, Waste Management and Remediation
NAICS 61	27,086	31,911	17.8%	Education Services
NAICS 62	53,036	69,812	31.6%	Health Care and Social Assistance
NAICS 71	5,459	9,722	78.1%	Arts, Entertainment and Recreation
NAICS 72	28,620	42,056	46.9%	Accommodation and Food Services
NAICS 81	9,592	11,050	15.2%	Other Services (except Public Administration)
NAICS 92	9,245	9,170	-0.8%	Public Administration
NAICS 99	12	12	0.0%	Other
Total Employment	317,067	368,930	16.4%	

K-12 School Enrollment	97,980	81,005	-17.3%
------------------------	--------	--------	--------

Summit County 2050 Forecast Characteristics - ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	540,094	452,427	-16.2%
Households	230,380	203,087	-11.8%
Population Under 18	112,408	94,314	-16.1%
Vehicles	400,141	353,159	-11.7%
Workers	265,592	222,750	-16.1%

Employment				
NAICS 11	111	123	10.8%	Agriculture, Forestry and Hunting
NAICS 21	106	135	27.4%	Mining
NAICS 22	1,476	1,159	-21.5%	Utilities
NAICS 23	11,030	12,467	13.0%	Construction
NAICS 31-33	28,303	28,046	-0.9%	Manufacturing - Aggregated
NAICS 42	12,426	12,681	2.1%	Wholesale Trade
NAICS 44-45	28,213	25,389	-10.2%	Retail Trade - Aggregated
NAICS 48-49	12,334	16,639	34.9%	Transportation and Warehousing - Aggregated
NAICS 51	4,697	4,733	0.8%	Information
NAICS 52	9,773	10,011	2.4%	Finance and Insurance
NAICS 53	2,831	2,991	5.7%	Real Estate and Rental and Leasing
NAICS 54	13,260	15,926	20.1%	Professional Scientific and Technical Services
NAICS 55	13,488	15,739	16.7%	Management of Companies and Enterprises
NAICS 56	14,801	16,974	14.7%	Administrative Support, Waste Management and Remediation
NAICS 61	18,142	21,368	17.8%	Education Services
NAICS 62	46,682	61,456	31.6%	Health Care and Social Assistance
NAICS 71	5,057	9,012	78.2%	Arts, Entertainment and Recreation
NAICS 72	22,337	32,824	46.9%	Accommodation and Food Services
NAICS 81	7,969	9,190	15.3%	Other Services (except Public Administration)
NAICS 92	7,335	7,266	-0.9%	Public Administration
NAICS 99	7	7	0.0%	Other
Total Employment	260,378	304,136	16.8%	

K-12 School Enrollment	75,624	61,769	-18.3%
------------------------	--------	--------	--------

Portage County 2050 Forecast Characteristics - ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	161,184	143,049	-11.3%
Households	66,010	63,535	-3.7%
Population Under 18	29,903	26,654	-10.9%
Vehicles	122,108	117,175	-4.0%
Workers	82,205	72,773	-11.5%

Employment				
NAICS 11	151	167	10.6%	Agriculture, Forestry and Hunting
NAICS 21	209	275	31.6%	Mining
NAICS 22	92	71	-22.8%	Utilities
NAICS 23	1,890	2,116	12.0%	Construction
NAICS 31-33	10,558	10,451	-1.0%	Manufacturing - Aggregated
NAICS 42	2,937	3,003	2.2%	Wholesale Trade
NAICS 44-45	6,237	5,629	-9.7%	Retail Trade - Aggregated
NAICS 48-49	1,988	2,663	34.0%	Transportation and Warehousing - Aggregated
NAICS 51	506	509	5.9%	Information
NAICS 52	625	634	1.4%	Finance and Insurance
NAICS 53	482	500	3.7%	Real Estate and Rental and Leasing
NAICS 54	1,786	2,127	19.1%	Professional Scientific and Technical Services
NAICS 55	754	879	16.6%	Management of Companies and Enterprises
NAICS 56	1,104	1,243	12.6%	Administrative Support, Waste Management and Remediation
NAICS 61	8,567	10,098	17.9%	Education Services
NAICS 62	5,857	7,703	31.5%	Health Care and Social Assistance
NAICS 71	369	652	76.7%	Arts, Entertainment and Recreation
NAICS 72	6,111	8,979	46.9%	Accommodation and Food Services
NAICS 81	1,491	1,709	14.6%	Other Services (except Public Administration)
NAICS 92	1,799	1,793	-0.3%	Public Administration
NAICS 99	5	5	0.0%	Other
Total Employment	53,518	61,206	14.4%	

K-12 School Enrollment	20,612	18276	-11.3%
------------------------	--------	-------	--------

Akron 2050 Forecast Characteristics – ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	192,551	157,019	-18.5%
Households	84,194	72,495	-13.9%
Population Under 18	41,275	33,659	-18.5%
Vehicles	123,706	106,495	-14.0%
Workers	88,925	72,737	-18.2%

Employment				
NAICS 11	56	62	10.7%	Agriculture, Forestry and Hunting
NAICS 21	21	27	28.6%	Mining
NAICS 22	797	623	-21.8%	Utilities
NAICS 23	2904	3,277	12.8%	Construction
NAICS 31-33	8,148	8,082	-0.8%	Manufacturing - Aggregated
NAICS 42	2,715	2,766	1.9%	Wholesale Trade
NAICS 44-45	6,573	5,943	-9.6%	Retail Trade - Aggregated
NAICS 48-49	3,598	4,850	34.8%	Transportation and Warehousing - Aggregated
NAICS 51	1,721	1,733	0.7%	Information
NAICS 52	1,659	1,692	2.0%	Finance and Insurance
NAICS 53	1,043	1,103	5.8%	Real Estate and Rental and Leasing
NAICS 54	4,637	5,562	19.9%	Professional Scientific and Technical Services
NAICS 55	7,122	8,313	16.7%	Management of Companies and Enterprises
NAICS 56	4,629	5,313	14.8%	Administrative Support, Waste Management and Remediation
NAICS 61	8,721	10,274	17.8%	Education Services
NAICS 62	26,008	34,240	31.7%	Health Care and Social Assistance
NAICS 71	1,343	2,395	78.3%	Arts, Entertainment and Recreation
NAICS 72	5,794	8,515	47.0%	Accommodation and Food Services
NAICS 81	2,633	3,027	15.0%	Other Services (except Public Administration)
NAICS 92	4,125	4,074	-1.2%	Public Administration
NAICS 99	1	1	0.0%	Other
Total Employment	94,248	111,872	18.7%	

K-12 School Enrollment	24,474	20,090	-17.9%
------------------------	--------	--------	--------

Barberton 2050 Forecast Characteristics – ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	26,128	20,623	-21.1%
Households	11,319	9,848	-13.0%
Population Under 18	5,448	4,299	-21.1%
Vehicles	17,751	15,426	-13.1%
Workers	11,202	8,844	-21.0%

Employment				
NAICS 11	0	0	0.0%	Agriculture, Forestry and Hunting
NAICS 21	0	0	0.0%	Mining
NAICS 22	0	0	0.0%	Utilities
NAICS 23	421	472	12.1%	Construction
NAICS 31-33	2,145	2,124	-1.0%	Manufacturing - Aggregated
NAICS 42	318	324	1.9%	Wholesale Trade
NAICS 44-45	564	515	-8.7%	Retail Trade - Aggregated
NAICS 48-49	143	194	35.7%	Transportation and Warehousing - Aggregated
NAICS 51	83	83	0.0%	Information
NAICS 52	108	108	0.0%	Finance and Insurance
NAICS 53	16	16	0.0%	Real Estate and Rental and Leasing
NAICS 54	146	177	21.2%	Professional Scientific and Technical Services
NAICS 55	105	123	17.1%	Management of Companies and Enterprises
NAICS 56	264	303	14.8%	Administrative Support, Waste Management and Remediation
NAICS 61	568	670	18.0%	Education Services
NAICS 62	1,887	2,485	31.7%	Health Care and Social Assistance
NAICS 71	11	18	63.6%	Arts, Entertainment and Recreation
NAICS 72	772	1,135	47.0%	Accommodation and Food Services
NAICS 81	458	528	15.3%	Other Services (except Public Administration)
NAICS 92	154	154	0.0%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	8,163	9,429	15.5%	

K-12 School Enrollment	3,737	2,952	-21.0%
------------------------	-------	-------	--------

Cuyahoga Falls 2050 Forecast Characteristics – ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	49,908	42,038	-15.8%
Households	23,413	20,224	-13.6%
Population Under 18	9,275	7,746	-16.5%
Vehicles	39,116	33,400	-14.6%
Workers	27,623	23,196	-16.0%

Employment				
NAICS 11	1	1	0.0%	Agriculture, Forestry and Hunting
NAICS 21	0	0	0.0%	Mining
NAICS 22	68	53	-22.1%	Utilities
NAICS 23	380	428	12.6%	Construction
NAICS 31-33	3,495	3,459	-1.0%	Manufacturing - Aggregated
NAICS 42	598	610	2.0%	Wholesale Trade
NAICS 44-45	2,561	2,303	-10.1%	Retail Trade - Aggregated
NAICS 48-49	155	209	34.8%	Transportation and Warehousing - Aggregated
NAICS 51	185	185	0.0%	Information
NAICS 52	290	290	0.0%	Finance and Insurance
NAICS 53	202	211	4.5%	Real Estate and Rental and Leasing
NAICS 54	648	777	19.9%	Professional Scientific and Technical Services
NAICS 55	683	797	16.7%	Management of Companies and Enterprises
NAICS 56	1,273	1,459	14.6%	Administrative Support, Waste Management and Remediation
NAICS 61	1,677	1,975	17.8%	Education Services
NAICS 62	3,328	4,384	31.7%	Health Care and Social Assistance
NAICS 71	373	667	78.8%	Arts, Entertainment and Recreation
NAICS 72	2,293	3,367	46.8%	Accommodation and Food Services
NAICS 81	699	811	16.0%	Other Services (except Public Administration)
NAICS 92	532	526	-1.1%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	19,441	22,512	15.8%	

K-12 School Enrollment	6,394	4,787	-25.1%
------------------------	-------	-------	--------

Northern Summit 2050 Forecast Characteristics - ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	93,396	80,569	-13.7%
Households	36,746	32,634	-11.2%
Population Under 18	20,239	17,484	-13.6%
Vehicles	73,420	65,229	-11.2%
Workers	47,477	40,880	-13.9%

Employment				
NAICS 11	23	26	13.0%	Agriculture, Forestry and Hunting
NAICS 21	30	40	33.3%	Mining
NAICS 22	89	71	-20.2%	Utilities
NAICS 23	2,899	3,284	13.3%	Construction
NAICS 31-33	7,531	7,451	-1.1%	Manufacturing - Aggregated
NAICS 42	5,742	5,871	2.2%	Wholesale Trade
NAICS 44-45	5,332	4,794	-10.1%	Retail Trade - Aggregated
NAICS 48-49	4,908	6,629	35.1%	Transportation and Warehousing - Aggregated
NAICS 51	2,046	2,067	1.0%	Information
NAICS 52	4,570	4,700	2.8%	Finance and Insurance
NAICS 53	688	737	7.1%	Real Estate and Rental and Leasing
NAICS 54	2,239	2,684	19.9%	Professional Scientific and Technical Services
NAICS 55	2,056	2,397	16.6%	Management of Companies and Enterprises
NAICS 56	2,225	2,549	14.6%	Administrative Support, Waste Management and Remediation
NAICS 61	2,751	3,241	17.8%	Education Services
NAICS 62	4,157	5,473	31.7%	Health Care and Social Assistance
NAICS 71	2,555	4,559	78.4%	Arts, Entertainment and Recreation
NAICS 72	3,939	5,789	47.0%	Accommodation and Food Services
NAICS 81	1,771	2,047	15.6%	Other Services (except Public Administration)
NAICS 92	948	945	0.0%	Public Administration
NAICS 99	1	1	0.0%	Other
Total Employment	56,500	65,355	15.7%	

K-12 School Enrollment	15,998	13,405	-16.2%
------------------------	--------	--------	--------

Central Summit 2050 Forecast Characteristics - ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	96,755	83,484	-13.7%
Households	40,266	37,193	-7.6%
Population Under 18	19,848	17,213	-13.3%
Vehicles	77,114	71,006	-7.9%
Workers	48,973	42,146	-13.9%

Employment				
NAICS 11	17	17	0.0%	Agriculture, Forestry and Hunting
NAICS 21	7	7	0.0%	Mining
NAICS 22	432	341	-21.1%	Utilities
NAICS 23	1,655	1,867	12.8%	Construction
NAICS 31-33	2,939	2,918	-0.7%	Manufacturing - Aggregated
NAICS 42	1,714	1,747	1.9%	Wholesale Trade
NAICS 44-45	8,696	7,804	-10.3%	Retail Trade - Aggregated
NAICS 48-49	1,106	1,485	34.3%	Transportation and Warehousing - Aggregated
NAICS 51	519	522	5.8%	Information
NAICS 52	2,339	2,401	2.7%	Finance and Insurance
NAICS 53	507	528	4.1%	Real Estate and Rental and Leasing
NAICS 54	3,926	4,733	20.6%	Professional Scientific and Technical Services
NAICS 55	2,310	2,694	16.6%	Management of Companies and Enterprises
NAICS 56	2,448	2,806	14.6%	Administrative Support, Waste Management and Remediation
NAICS 61	2,389	2,813	17.7%	Education Services
NAICS 62	7,829	10,301	31.6%	Health Care and Social Assistance
NAICS 71	610	1,083	77.5%	Arts, Entertainment and Recreation
NAICS 72	6,013	8,841	47.0%	Accommodation and Food Services
NAICS 81	1,423	1,635	14.9%	Other Services (except Public Administration)
NAICS 92	717	714	-0.4%	Public Administration
NAICS 99	5	5	0.0%	Other
Total Employment	47,601	55,262	16.1%	

K-12 School Enrollment	12,781	11,005	-13.9%
------------------------	--------	--------	--------

Southern Summit 2050 Forecast Characteristics - ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	81,356	68,694	-15.6%
Households	34,442	30,693	-10.9%
Population Under 18	16,323	13,913	-14.8%
Vehicles	69,034	61,603	-10.8%
Workers	41,392	34,947	-15.6%

Employment				
NAICS 11	14	17	21.4%	Agriculture, Forestry and Hunting
NAICS 21	48	61	27.1%	Mining
NAICS 22	90	71	-21.1%	Utilities
NAICS 23	2,771	3,139	13.3%	Construction
NAICS 31-33	4,045	4,012	-0.8%	Manufacturing - Aggregated
NAICS 42	1,339	1,363	1.8%	Wholesale Trade
NAICS 44-45	4,487	4,030	-10.2%	Retail Trade - Aggregated
NAICS 48-49	2,424	3,272	35%	Transportation and Warehousing - Aggregated
NAICS 51	143	143	0.0%	Information
NAICS 52	807	820	1.6%	Finance and Insurance
NAICS 53	375	396	40.6%	Real Estate and Rental and Leasing
NAICS 54	1,664	1,993	19.8%	Professional Scientific and Technical Services
NAICS 55	1,212	1,415	16.7%	Management of Companies and Enterprises
NAICS 56	3,962	4,544	14.7%	Administrative Support, Waste Management and Remediation
NAICS 61	2,036	2,395	17.6%	Education Services
NAICS 62	3,473	4,573	31.7%	Health Care and Social Assistance
NAICS 71	165	290	75.8%	Arts, Entertainment and Recreation
NAICS 72	3,526	5,177	46.8%	Accommodation and Food Services
NAICS 81	985	1,142	15.9%	Other Services (except Public Administration)
NAICS 92	859	853	0.7%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	34,425	39,706	15.3%	

K-12 School Enrollment	12,240	9,530	-22.1%
------------------------	--------	-------	--------

Northwest Portage 2050 Forecast Characteristics - ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	45,289	41,331	-8.7%
Households	18,542	18,086	-2.5%
Population Under 18	9,183	8,358	-9.0%
Vehicles	36,102	35,015	-3.0%
Workers	23,618	21,567	-8.7%

Employment				
NAICS 11	55	61	10.9%	Agriculture, Forestry and Hunting
NAICS 21	86	115	33.7%	Mining
NAICS 22	20	16	-20.0%	Utilities
NAICS 23	438	486	11.0%	Construction
NAICS 31-33	5,076	5,016	-1.2%	Manufacturing - Aggregated
NAICS 42	2,046	2,097	2.5%	Wholesale Trade
NAICS 44-45	2,618	2,357	-10.0%	Retail Trade - Aggregated
NAICS 48-49	1,002	1,341	33.8%	Transportation and Warehousing - Aggregated
NAICS 51	230	233	1.3%	Information
NAICS 52	180	180	0.0%	Finance and Insurance
NAICS 53	159	162	1.9%	Real Estate and Rental and Leasing
NAICS 54	791	945	19.5%	Professional Scientific and Technical Services
NAICS 55	31	34	9.7%	Management of Companies and Enterprises
NAICS 56	477	536	12.4%	Administrative Support, Waste Management and Remediation
NAICS 61	1,152	1,353	17.4%	Education Services
NAICS 62	1,785	2,347	31.5%	Health Care and Social Assistance
NAICS 71	146	261	78.8%	Arts, Entertainment and Recreation
NAICS 72	1,573	2,310	46.9%	Accommodation and Food Services
NAICS 81	477	544	14.0%	Other Services (except Public Administration)
NAICS 92	373	373	0.0%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	18,715	20,767	11.0%	

K-12 School Enrollment	7,064	6,398	-9.4%
------------------------	-------	-------	-------

Northeast Portage 2050 Forecast Characteristics - ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	15,039	13,143	-12.6%
Households	5,837	5,561	-4.7%
Population Under 18	3,059	2,687	-12.2%
Vehicles	10,949	10,446	-4.6%
Workers	7,144	6,243	-12.6%

Employment				
NAICS 11	37	41	10.8%	Agriculture, Forestry and Hunting
NAICS 21	3	3	0.0%	Mining
NAICS 22	0	0	0.0%	Utilities
NAICS 23	151	166	9.9%	Construction
NAICS 31-33	420	420	0.0%	Manufacturing - Aggregated
NAICS 42	8	8	0.0%	Wholesale Trade
NAICS 44-45	303	279	-7.9%	Retail Trade - Aggregated
NAICS 48-49	92	123	33.7%	Transportation and Warehousing - Aggregated
NAICS 51	54	54	0.0%	Information
NAICS 52	29	29	0.0%	Finance and Insurance
NAICS 53	8	8	0.0%	Real Estate and Rental and Leasing
NAICS 54	24	27	12.5%	Professional Scientific and Technical Services
NAICS 55	0	0	0.0%	Management of Companies and Enterprises
NAICS 56	77	86	11.7%	Administrative Support, Waste Management and Remediation
NAICS 61	539	636	18.0%	Education Services
NAICS 62	126	164	30.2%	Health Care and Social Assistance
NAICS 71	24	42	18.0%	Arts, Entertainment and Recreation
NAICS 72	361	532	47.7%	Accommodation and Food Services
NAICS 81	71	77	8.5%	Other Services (except Public Administration)
NAICS 92	158	158	0.0%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	2,485	2,853	14.8%	

K-12 School Enrollment	1,702	1,503	-11.7
------------------------	-------	-------	-------

Southwest Portage 2050 Forecast Characteristics - ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	86,950	76,605	-11.9%
Households	36,061	34,517	-4.3%
Population Under 18	14,787	13,135	-11.2%
Vehicles	62,672	59,716	-4.7%
Workers	44,155	38,685	-12.6%

Employment				
NAICS 11	49	55	12.2%	Agriculture, Forestry and Hunting
NAICS 21	95	123	29.5%	Mining
NAICS 22	72	55	-23.6%	Utilities
NAICS 23	1,093	1,232	12.7%	Construction
NAICS 31-33	4,973	4,926	-0.9%	Manufacturing - Aggregated
NAICS 42	796	811	1.9%	Wholesale Trade
NAICS 44-45	3,159	2,851	-9.7%	Retail Trade - Aggregated
NAICS 48-49	787	1,059	34.6%	Transportation and Warehousing - Aggregated
NAICS 51	222	222	0.0%	Information
NAICS 52	414	423	2.2%	Finance and Insurance
NAICS 53	302	317	5.0%	Real Estate and Rental and Leasing
NAICS 54	930	1,108	19.1%	Professional Scientific and Technical Services
NAICS 55	721	843	16.9%	Management of Companies and Enterprises
NAICS 56	527	598	13.5%	Administrative Support, Waste Management and Remediation
NAICS 61	6,522	7,693	18.0%	Education Services
NAICS 62	3,914	5,154	31.7%	Health Care and Social Assistance
NAICS 71	190	333	75.3%	Arts, Entertainment and Recreation
NAICS 72	4,061	5,966	46.9%	Accommodation and Food Services
NAICS 81	923	1,068	15.7%	Other Services (except Public Administration)
NAICS 92	1,195	1,189	-0.5%	Public Administration
NAICS 99	5	5	0.0%	Other
Total Employment	30,950	36,031	16.4%	

K-12 School Enrollment	9,609	8,427	-12.3%
------------------------	-------	-------	--------

Southeast Portage 2050 Forecast Characteristics – ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	13,906	11,970	-13.9%
Households	5,570	5,371	-3.6%
Population Under 18	2,874	2,474	-13.9%
Vehicles	12,385	11,998	-3.1%
Workers	7,288	6,278	-13.9%

Employment				
NAICS 11	10	10	0.0%	Agriculture, Forestry and Hunting
NAICS 21	25	34	36.0%	Mining
NAICS 22	0	0	0.0%	Utilities
NAICS 23	208	232	11.5%	Construction
NAICS 31-33	89	89	0.0%	Manufacturing - Aggregated
NAICS 42	87	87	0.0%	Wholesale Trade
NAICS 44-45	157	142	-9.6%	Retail Trade - Aggregated
NAICS 48-49	107	140	30.8%	Transportation and Warehousing - Aggregated
NAICS 51	0	0	0.0%	Information
NAICS 52	2	2	0.0%	Finance and Insurance
NAICS 53	13	13	0.0%	Real Estate and Rental and Leasing
NAICS 54	41	47	14.6%	Professional Scientific and Technical Services
NAICS 55	2	2	0.0%	Management of Companies and Enterprises
NAICS 56	23	23	0.0%	Administrative Support, Waste Management and Remediation
NAICS 61	354	416	17.5%	Education Services
NAICS 62	32	38	18.8%	Health Care and Social Assistance
NAICS 71	9	16	77.8%	Arts, Entertainment and Recreation
NAICS 72	116	171	47.4%	Accommodation and Food Services
NAICS 81	20	20	0.0%	Other Services (except Public Administration)
NAICS 92	73	73	0.0%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	1,368	1,555	13.7%	

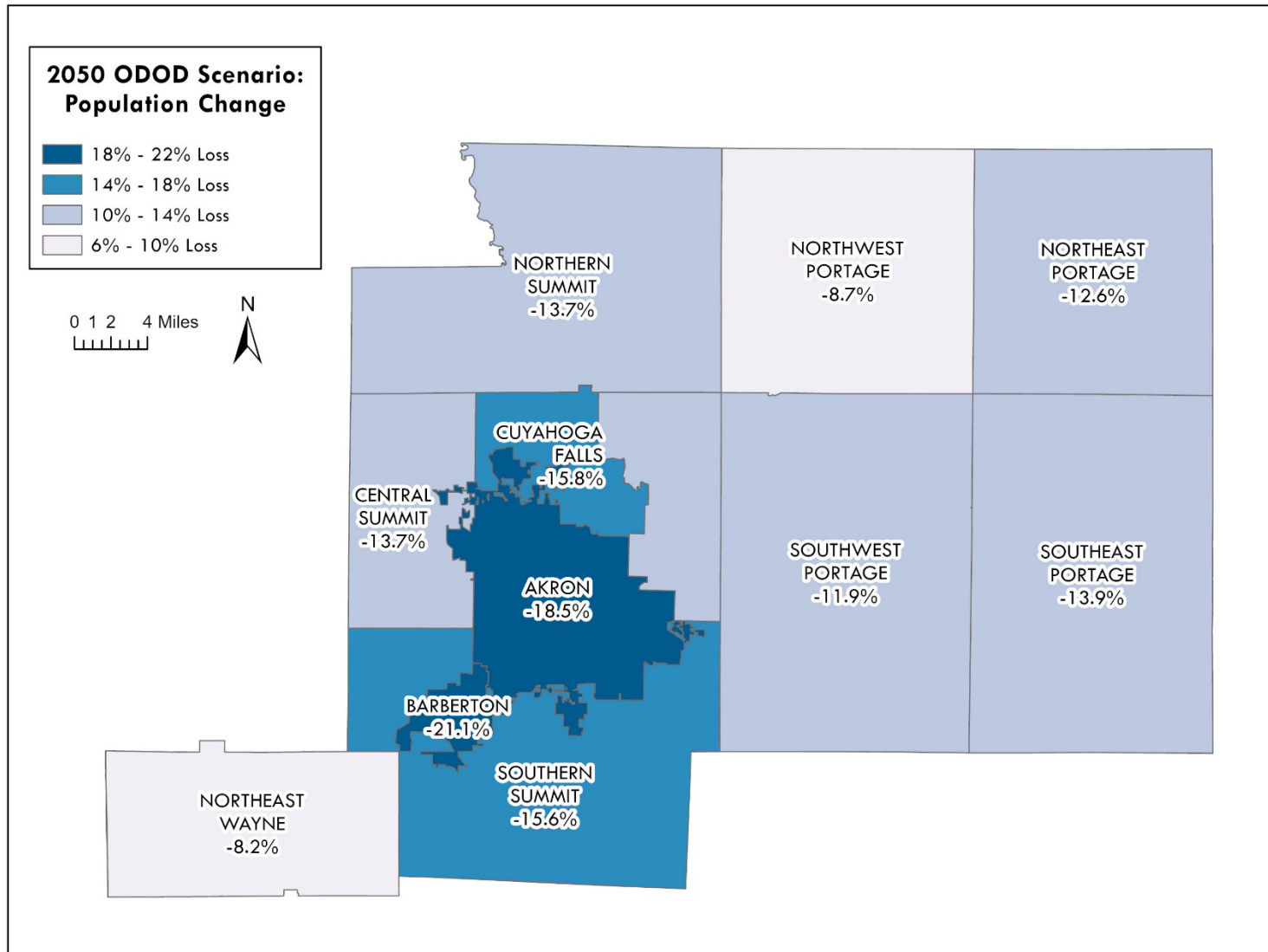
K-12 School Enrollment	2,237	1,948	-12.9%
------------------------	-------	-------	--------

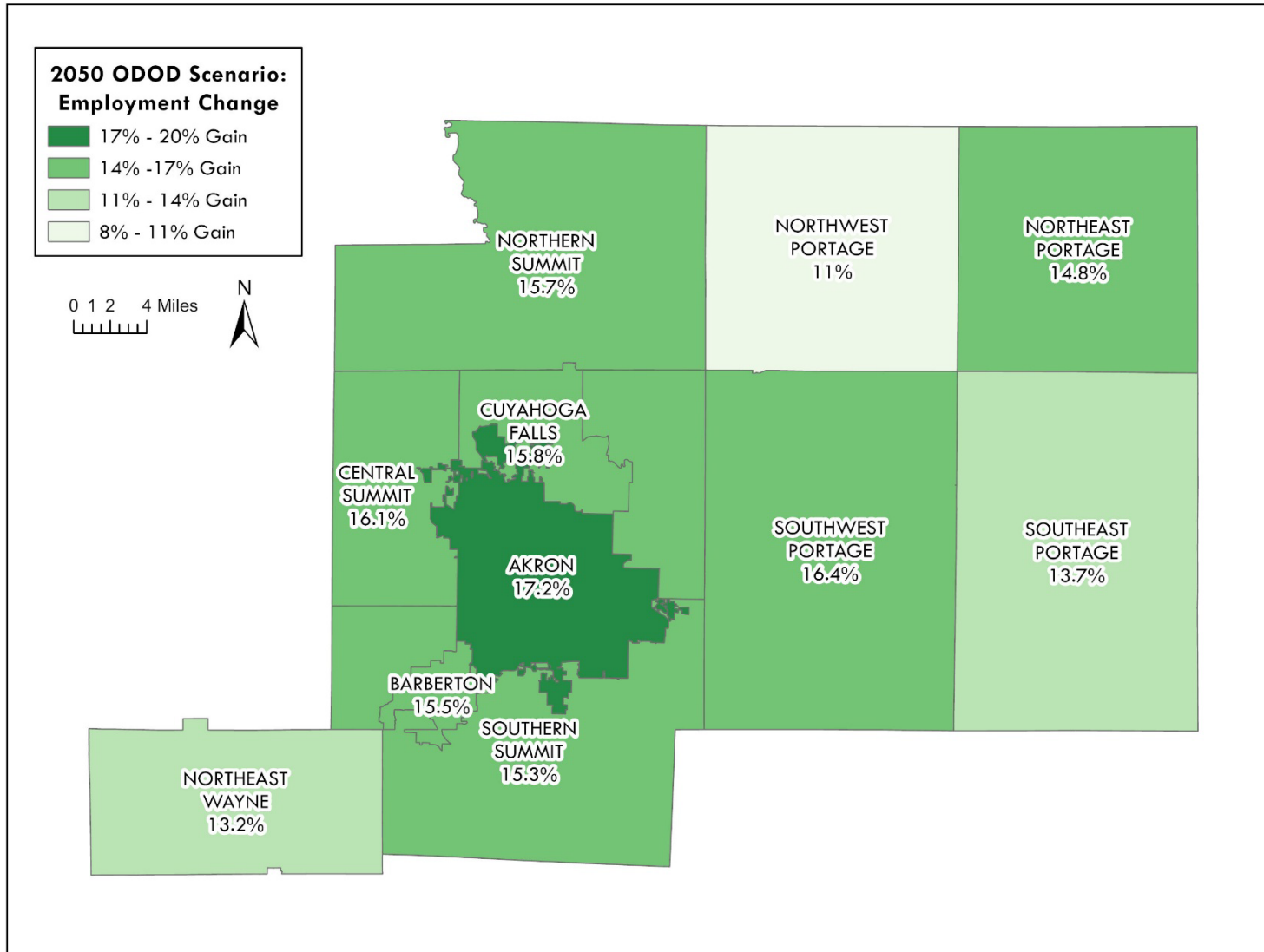
Northeast Wayne 2050 Forecast Characteristics - ODOD Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	18,809	17,274	-8.2%
Households	7,704	7,860	2.0%
Population Under 18	4,028	3,696	-8.3%
Vehicles	16,207	16,615	2.5%
Workers	9,008	8,299	-7.9%

Employment				
NAICS 11	178	205	15.2%	Agriculture, Forestry and Hunting
NAICS 21	58	77	32.8%	Mining
NAICS 22	14	11	-21.4%	Utilities
NAICS 23	271	302	11.4%	Construction
NAICS 31-33	609	606	-0.5%	Manufacturing - Aggregated
NAICS 42	105	108	2.9%	Wholesale Trade
NAICS 44-45	362	324	-10.5%	Retail Trade - Aggregated
NAICS 48-49	48	62	29.2%	Transportation and Warehousing - Aggregated
NAICS 51	18	18	0.0%	Information
NAICS 52	50	50	0.0%	Finance and Insurance
NAICS 53	14	14	0.0%	Real Estate and Rental and Leasing
NAICS 54	61	70	14.8%	Professional Scientific and Technical Services
NAICS 55	0	0	0.0%	Management of Companies and Enterprises
NAICS 56	61	70	14.8%	Administrative Support, Waste Management and Remediation
NAICS 61	377	445	18.0%	Education Services
NAICS 62	497	653	31.4%	Health Care and Social Assistance
NAICS 71	33	58	75.8%	Arts, Entertainment and Recreation
NAICS 72	172	253	47.1%	Accommodation and Food Services
NAICS 81	132	151	14.4%	Other Services (except Public Administration)
NAICS 92	111	111	0.0%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	3,171	3,588	13.2%	

K-12 School Enrollment	1,744	960	-45.0%
------------------------	-------	-----	--------





AMATS 2050 Forecast Characteristics - Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	720,087	722,064	0.3%
Households	304,094	322,855	6.2%
Population Under 18	146,339	146,584	0.2%
Vehicles	538,456	571,355	6.1%
Workers	356,805	357,941	0.3%

Employment				
NAICS 11	440	495	12.5%	Agriculture, Forestry and Hunting
NAICS 21	373	487	30.6%	Mining
NAICS 22	1,582	1,241	-21.6%	Utilities
NAICS 23	13,191	14,885	12.8%	Construction
NAICS 31-33	39,470	39,103	-0.9%	Manufacturing - Aggregated
NAICS 42	15,468	15,792	2.1%	Wholesale Trade
NAICS 44-45	34,812	31,342	-10.0%	Retail Trade - Aggregated
NAICS 48-49	14,370	19,364	34.8%	Transportation and Warehousing - Aggregated
NAICS 51	5,221	5,260	0.7%	Information
NAICS 52	10,448	10,695	2.4%	Finance and Insurance
NAICS 53	3,327	3,505	5.4%	Real Estate and Rental and Leasing
NAICS 54	15,107	18,123	20.0%	Professional Scientific and Technical Services
NAICS 55	14,242	16,618	16.7%	Management of Companies and Enterprises
NAICS 56	15,966	18,287	14.5%	Administrative Support, Waste Management and Remediation
NAICS 61	27,086	31,911	17.8%	Education Services
NAICS 62	53,036	69,812	31.6%	Health Care and Social Assistance
NAICS 71	5,459	9,722	78.1%	Arts, Entertainment and Recreation
NAICS 72	28,620	42,056	46.9%	Accommodation and Food Services
NAICS 81	9,592	11,050	15.2%	Other Services (except Public Administration)
NAICS 92	9,245	9,170	-0.8%	Public Administration
NAICS 99	12	12	0.0%	Other
Total Employment	317,067	368,930	16.4%	

K-12 School Enrollment	97,980	97,753	-0.2%
------------------------	--------	--------	-------

Summit County 2050 Forecast Characteristics - Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	540,094	537,173	-0.5%
Households	230,380	240,988	4.6%
Population Under 18	112,408	111,804	-0.5%
Vehicles	400,141	418,561	4.6%
Workers	265,592	264,490	-0.4%

Employment				
NAICS 11	111	123	10.8%	Agriculture, Forestry and Hunting
NAICS 21	106	135	27.4%	Mining
NAICS 22	1,476	1,159	-21.5%	Utilities
NAICS 23	11,030	12,467	13.0%	Construction
NAICS 31-33	28,303	28,046	-0.9%	Manufacturing - Aggregated
NAICS 42	12,426	12,681	2.1%	Wholesale Trade
NAICS 44-45	28,213	25,389	-10.0%	Retail Trade - Aggregated
NAICS 48-49	12,334	16,639	34.9%	Transportation and Warehousing - Aggregated
NAICS 51	4,697	4,733	0.8%	Information
NAICS 52	9,773	10,011	2.4%	Finance and Insurance
NAICS 53	2,831	2,991	5.7%	Real Estate and Rental and Leasing
NAICS 54	13,260	15,926	20.1%	Professional Scientific and Technical Services
NAICS 55	13,488	15,739	16.7%	Management of Companies and Enterprises
NAICS 56	14,801	16,974	14.7%	Administrative Support, Waste Management and Remediation
NAICS 61	18,142	21,368	17.8%	Education Services
NAICS 62	46,682	61,456	31.6%	Health Care and Social Assistance
NAICS 71	5,057	9,012	78.2%	Arts, Entertainment and Recreation
NAICS 72	22,337	32,824	46.9%	Accommodation and Food Services
NAICS 81	7,969	9,190	15.3%	Other Services (except Public Administration)
NAICS 92	7,335	7,266	-0.9%	Public Administration
NAICS 99	7	7	0.0%	Other
Total Employment	260,378	304,136	16.8%	

K-12 School Enrollment	75,624	74,907	-0.9%
------------------------	--------	--------	-------

Portage County 2050 Forecast Characteristics – Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	161,184	165,567	2.7%
Households	66,010	73,078	10.7%
Population Under 18	29,903	30,647	2.5%
Vehicles	122,108	134,205	9.9%
Workers	82,205	84,173	2.4%

Employment				
NAICS 11	151	167	10.6%	Agriculture, Forestry and Hunting
NAICS 21	209	275	31.6%	Mining
NAICS 22	92	71	-22.8%	Utilities
NAICS 23	1,890	2,116	12.0%	Construction
NAICS 31-33	10,558	10,451	-1.0%	Manufacturing - Aggregated
NAICS 42	2,937	3,003	2.2%	Wholesale Trade
NAICS 44-45	6,237	5,629	-9.7%	Retail Trade - Aggregated
NAICS 48-49	1,988	2,663	34.0%	Transportation and Warehousing - Aggregated
NAICS 51	506	509	0.6%	Information
NAICS 52	625	634	1.4%	Finance and Insurance
NAICS 53	482	500	3.7%	Real Estate and Rental and Leasing
NAICS 54	1,786	2,127	19.1%	Professional Scientific and Technical Services
NAICS 55	754	879	16.6%	Management of Companies and Enterprises
NAICS 56	1,104	1,243	12.6%	Administrative Support, Waste Management and Remediation
NAICS 61	8,567	10,098	17.9%	Education Services
NAICS 62	5,857	7,703	31.5%	Health Care and Social Assistance
NAICS 71	369	652	76.7%	Arts, Entertainment and Recreation
NAICS 72	6,111	8,979	46.9%	Accommodation and Food Services
NAICS 81	1,491	1,709	14.6%	Other Services (except Public Administration)
NAICS 92	1,799	1,793	-0.3%	Public Administration
NAICS 99	5	5	0.0%	Other
Total Employment	53,518	61,206	14.4%	

K-12 School Enrollment	20,612	21110	2.4%
------------------------	--------	-------	------

Akron 2050 Forecast Characteristics – Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	192,551	186,866	-3.0%
Households	84,194	86,194	2.4%
Population Under 18	41,275	40,006	-3.1%
Vehicles	123,706	126,425	2.2%
Workers	88,925	86,541	-2.7%

Employment				
NAICS 11	56	62	10.7%	Agriculture, Forestry and Hunting
NAICS 21	21	27	28.6%	Mining
NAICS 22	797	623	-21.8%	Utilities
NAICS 23	2904	3,277	12.8%	Construction
NAICS 31-33	8,148	8,082	-0.8%	Manufacturing - Aggregated
NAICS 42	2,715	2,766	1.9%	Wholesale Trade
NAICS 44-45	6,573	5,943	-9.6%	Retail Trade - Aggregated
NAICS 48-49	3,598	4,850	34.8%	Transportation and Warehousing - Aggregated
NAICS 51	1,721	1,733	0.7%	Information
NAICS 52	1,659	1,692	2.0%	Finance and Insurance
NAICS 53	1,043	1,103	5.8%	Real Estate and Rental and Leasing
NAICS 54	4,637	5,562	19.9%	Professional Scientific and Technical Services
NAICS 55	7,122	8,313	16.7%	Management of Companies and Enterprises
NAICS 56	4,629	5,313	14.8%	Administrative Support, Waste Management and Remediation
NAICS 61	8,721	10,274	17.8%	Education Services
NAICS 62	26,008	34,240	31.7%	Health Care and Social Assistance
NAICS 71	1,343	2,395	78.3%	Arts, Entertainment and Recreation
NAICS 72	5,794	8,515	47.0%	Accommodation and Food Services
NAICS 81	2,633	3,027	15.0%	Other Services (except Public Administration)
NAICS 92	4,125	4,074	-1.2%	Public Administration
NAICS 99	1	1	0.0%	Other
Total Employment	94,248	111,872	18.7%	

K-12 School Enrollment	24,474	23,337	-4.6%
------------------------	--------	--------	-------

Barberton 2050 Forecast Characteristics - Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	26,128	24,511	-6.2%
Households	11,319	11,732	3.6%
Population Under 18	5,448	5,112	-6.2%
Vehicles	17,751	18,330	3.3%
Workers	11,202	10,507	-6.2%

Employment				
NAICS 11	0	0	0.0%	Agriculture, Forestry and Hunting
NAICS 21	0	0	0.0%	Mining
NAICS 22	0	0	0.0%	Utilities
NAICS 23	421	472	12.1%	Construction
NAICS 31-33	2,145	2,124	-1.0%	Manufacturing - Aggregated
NAICS 42	318	324	1.9%	Wholesale Trade
NAICS 44-45	564	515	-8.7%	Retail Trade - Aggregated
NAICS 48-49	143	194	35.7%	Transportation and Warehousing - Aggregated
NAICS 51	83	83	0.0%	Information
NAICS 52	108	108	0.0%	Finance and Insurance
NAICS 53	16	16	0.0%	Real Estate and Rental and Leasing
NAICS 54	146	177	21.2%	Professional Scientific and Technical Services
NAICS 55	105	123	17.1%	Management of Companies and Enterprises
NAICS 56	264	303	14.8%	Administrative Support, Waste Management and Remediation
NAICS 61	568	670	18.0%	Education Services
NAICS 62	1,887	2,485	31.7%	Health Care and Social Assistance
NAICS 71	11	18	63.6%	Arts, Entertainment and Recreation
NAICS 72	772	1,135	47.0%	Accommodation and Food Services
NAICS 81	458	528	15.3%	Other Services (except Public Administration)
NAICS 92	154	154	0.0%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	8,163	9,429	15.5%	

K-12 School Enrollment	3,737	3,737	-6.8%
------------------------	-------	-------	-------

Cuyahoga Falls 2050 Forecast Characteristics - Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	49,908	50,408	1.0%
Households	23,413	24,275	3.7%
Population Under 18	9,275	9,271	0.0%
Vehicles	39,116	40,044	2.4%
Workers	27,623	27,834	0.8%

Employment				
NAICS 11	1	1	0.0%	Agriculture, Forestry and Hunting
NAICS 21	0	0	0.0%	Mining
NAICS 22	68	53	-22.1%	Utilities
NAICS 23	380	428	12.6%	Construction
NAICS 31-33	3,495	3,459	-1.0%	Manufacturing - Aggregated
NAICS 42	598	610	2.0%	Wholesale Trade
NAICS 44-45	2,561	2,303	-10.1%	Retail Trade - Aggregated
NAICS 48-49	155	209	34.8%	Transportation and Warehousing - Aggregated
NAICS 51	185	185	0.0%	Information
NAICS 52	290	290	0.0%	Finance and Insurance
NAICS 53	202	211	4.5%	Real Estate and Rental and Leasing
NAICS 54	648	777	19.9%	Professional Scientific and Technical Services
NAICS 55	683	797	16.7%	Management of Companies and Enterprises
NAICS 56	1,273	1,459	14.6%	Administrative Support, Waste Management and Remediation
NAICS 61	1,677	1,975	17.8%	Education Services
NAICS 62	3,328	4,384	31.7%	Health Care and Social Assistance
NAICS 71	373	667	78.8%	Arts, Entertainment and Recreation
NAICS 72	2,293	3,367	46.8%	Accommodation and Food Services
NAICS 81	699	811	16.0%	Other Services (except Public Administration)
NAICS 92	532	526	-1.1%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	19,441	22,512	15.8%	

K-12 School Enrollment	6,394	6,303	-1.4%
------------------------	-------	-------	-------

Northern Summit 2050 Forecast Characteristics – Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	93,396	94,528	1.2%
Households	36,746	38,342	4.3%
Population Under 18	20,239	20,476	1.2%
Vehicles	73,420	76,517	4.2%
Workers	47,477	47,941	1.0%

Employment				
NAICS 11	23	26	13.0%	Agriculture, Forestry and Hunting
NAICS 21	30	40	33.3%	Mining
NAICS 22	89	71	-20.2%	Utilities
NAICS 23	2,899	3,284	13.3%	Construction
NAICS 31-33	7,531	7,451	-1.1%	Manufacturing - Aggregated
NAICS 42	5,742	5,871	2.2%	Wholesale Trade
NAICS 44-45	5,332	4,794	-10.1%	Retail Trade - Aggregated
NAICS 48-49	4,908	6,629	35.1%	Transportation and Warehousing - Aggregated
NAICS 51	2,046	2,067	1.0%	Information
NAICS 52	4,570	4,700	2.8%	Finance and Insurance
NAICS 53	688	737	7.1%	Real Estate and Rental and Leasing
NAICS 54	2,239	2,684	19.9%	Professional Scientific and Technical Services
NAICS 55	2,056	2,397	16.6%	Management of Companies and Enterprises
NAICS 56	2,225	2,549	14.6%	Administrative Support, Waste Management and Remediation
NAICS 61	2,751	3,241	17.8%	Education Services
NAICS 62	4,157	5,473	31.7%	Health Care and Social Assistance
NAICS 71	2,555	4,559	78.4%	Arts, Entertainment and Recreation
NAICS 72	3,939	5,789	47.0%	Accommodation and Food Services
NAICS 81	1,771	2,047	15.6%	Other Services (except Public Administration)
NAICS 92	948	945	-0.3%	Public Administration
NAICS 99	1	1	0.0%	Other
Total Employment	56,500	65,355	15.7%	

K-12 School Enrollment	15,998	16,305	1.9%
------------------------	--------	--------	------

Central Summit 2050 Forecast Characteristics – Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	96,755	99,342	2.7%
Households	40,266	44,011	9.3%
Population Under 18	19,848	20,446	3.0%
Vehicles	77,114	84,086	9.0%
Workers	48,973	50,204	2.5%

Employment				
NAICS 11	17	17	0.0%	Agriculture, Forestry and Hunting
NAICS 21	7	7	0.0%	Mining
NAICS 22	432	341	-21.0%	Utilities
NAICS 23	1,655	1,867	12.8%	Construction
NAICS 31-33	2,939	2,918	-0.7%	Manufacturing - Aggregated
NAICS 42	1,714	1,747	1.9%	Wholesale Trade
NAICS 44-45	8,696	7,804	-10.3%	Retail Trade - Aggregated
NAICS 48-49	1,106	1,485	34.3%	Transportation and Warehousing - Aggregated
NAICS 51	519	522	0.6%	Information
NAICS 52	2,339	2,401	2.7%	Finance and Insurance
NAICS 53	507	528	4.1%	Real Estate and Rental and Leasing
NAICS 54	3,926	4,733	20.6%	Professional Scientific and Technical Services
NAICS 55	2,310	2,694	16.6%	Management of Companies and Enterprises
NAICS 56	2,448	2,806	14.6%	Administrative Support, Waste Management and Remediation
NAICS 61	2,389	2,813	17.7%	Education Services
NAICS 62	7,829	10,301	31.6%	Health Care and Social Assistance
NAICS 71	610	1,083	77.5%	Arts, Entertainment and Recreation
NAICS 72	6,013	8,841	47.0%	Accommodation and Food Services
NAICS 81	1,423	1,635	14.9%	Other Services (except Public Administration)
NAICS 92	717	714	-0.4%	Public Administration
NAICS 99	5	5	0.0%	Other
Total Employment	47,601	55,262	16.1%	

K-12 School Enrollment	12,781	13,116	2.6%
------------------------	--------	--------	------

Southern Summit 2050 Forecast Characteristics – Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	81,356	81,518	0.2%
Households	34,442	36,434	5.8%
Population Under 18	16,323	16,493	1.0%
Vehicles	69,034	73,159	6.0%
Workers	41,392	41,463	0.2%

Employment				
NAICS 11	14	17	21.4%	Agriculture, Forestry and Hunting
NAICS 21	48	61	27.1%	Mining
NAICS 22	90	71	-21.1%	Utilities
NAICS 23	2,771	3,139	13.3%	Construction
NAICS 31-33	4,045	4,012	-0.8%	Manufacturing - Aggregated
NAICS 42	1,339	1,363	1.8%	Wholesale Trade
NAICS 44-45	4,487	4,030	-10.2%	Retail Trade - Aggregated
NAICS 48-49	2,424	3,272	35.0%	Transportation and Warehousing - Aggregated
NAICS 51	143	143	0.0%	Information
NAICS 52	807	820	1.6%	Finance and Insurance
NAICS 53	375	396	5.6%	Real Estate and Rental and Leasing
NAICS 54	1,664	1,993	19.8%	Professional Scientific and Technical Services
NAICS 55	1,212	1,415	16.7%	Management of Companies and Enterprises
NAICS 56	3,962	4,544	14.7%	Administrative Support, Waste Management and Remediation
NAICS 61	2,036	2,395	17.6%	Education Services
NAICS 62	3,473	4,573	31.7%	Health Care and Social Assistance
NAICS 71	165	290	75.8%	Arts, Entertainment and Recreation
NAICS 72	3,526	5,177	46.8%	Accommodation and Food Services
NAICS 81	985	1,142	15.9%	Other Services (except Public Administration)
NAICS 92	859	853	-0.7%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	34,425	39,706	15.3%	

K-12 School Enrollment	12,240	12,362	1.0%
------------------------	--------	--------	------

Northwest Portage 2050 Forecast Characteristics - Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	45,289	48,078	6.2%
Households	18,542	20,947	13.0%
Population Under 18	9,183	9,776	6.5%
Vehicles	36,102	40,661	12.6%
Workers	23,618	25,036	6.0%

Employment				
NAICS 11	55	61	10.9%	Agriculture, Forestry and Hunting
NAICS 21	86	115	33.7%	Mining
NAICS 22	20	16	-20.0%	Utilities
NAICS 23	438	486	11.0%	Construction
NAICS 31-33	5,076	5,016	-1.2%	Manufacturing - Aggregated
NAICS 42	2,046	2,097	2.5%	Wholesale Trade
NAICS 44-45	2,618	2,357	-10.0%	Retail Trade - Aggregated
NAICS 48-49	1,002	1,341	33.8%	Transportation and Warehousing - Aggregated
NAICS 51	230	233	1.3%	Information
NAICS 52	180	180	0.0%	Finance and Insurance
NAICS 53	159	162	1.9%	Real Estate and Rental and Leasing
NAICS 54	791	945	19.5%	Professional Scientific and Technical Services
NAICS 55	31	34	9.7%	Management of Companies and Enterprises
NAICS 56	477	536	12.4%	Administrative Support, Waste Management and Remediation
NAICS 61	1,152	1,353	17.4%	Education Services
NAICS 62	1,785	2,347	31.5%	Health Care and Social Assistance
NAICS 71	146	261	78.8%	Arts, Entertainment and Recreation
NAICS 72	1,573	2,310	46.9%	Accommodation and Food Services
NAICS 81	477	544	14.0%	Other Services (except Public Administration)
NAICS 92	373	373	0.0%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	18,715	20,767	11.0%	

K-12 School Enrollment	7,064	7,473	5.8%
------------------------	-------	-------	------

Northeast Portage 2050 Forecast Characteristics - Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	15,039	14,897	-0.9%
Households	5,837	6,319	8.3%
Population Under 18	3,059	3,058	0.0%
Vehicles	10,949	11,843	8.2%
Workers	7,144	7,064	-1.1%

Employment				
NAICS 11	37	41	10.8%	Agriculture, Forestry and Hunting
NAICS 21	3	3	0.0%	Mining
NAICS 22	0	0	0.0%	Utilities
NAICS 23	151	166	9.9%	Construction
NAICS 31-33	420	420	0.0%	Manufacturing - Aggregated
NAICS 42	8	8	0.0%	Wholesale Trade
NAICS 44-45	303	279	-7.9%	Retail Trade - Aggregated
NAICS 48-49	92	123	33.7%	Transportation and Warehousing - Aggregated
NAICS 51	54	54	0.0%	Information
NAICS 52	29	29	0.0%	Finance and Insurance
NAICS 53	8	8	0.0%	Real Estate and Rental and Leasing
NAICS 54	24	27	12.5%	Professional Scientific and Technical Services
NAICS 55	0	0	0.0%	Management of Companies and Enterprises
NAICS 56	77	86	11.7%	Administrative Support, Waste Management and Remediation
NAICS 61	539	636	18.0%	Education Services
NAICS 62	126	164	30.2%	Health Care and Social Assistance
NAICS 71	24	42	75.0%	Arts, Entertainment and Recreation
NAICS 72	361	532	47.4%	Accommodation and Food Services
NAICS 81	71	77	8.5%	Other Services (except Public Administration)
NAICS 92	158	158	0.0%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	2,485	2,853	14.8%	

K-12 School Enrollment	1,702	1,728	1.5%
------------------------	-------	-------	------

Southwest Portage 2050 Forecast Characteristics - Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	86,950	88,950	2.3%
Households	36,061	39,699	10.1%
Population Under 18	14,787	14,991	1.4%
Vehicles	62,672	68,045	8.6%
Workers	44,155	44,921	1.7%

Employment				
NAICS 11	49	55	12.2%	Agriculture, Forestry and Hunting
NAICS 21	95	123	29.5%	Mining
NAICS 22	72	55	-23.6%	Utilities
NAICS 23	1,093	1,232	12.7%	Construction
NAICS 31-33	4,973	4,926	-0.9%	Manufacturing - Aggregated
NAICS 42	796	811	1.9%	Wholesale Trade
NAICS 44-45	3,159	2,851	-9.7%	Retail Trade - Aggregated
NAICS 48-49	787	1,059	34.6%	Transportation and Warehousing - Aggregated
NAICS 51	222	222	0.0%	Information
NAICS 52	414	423	2.2%	Finance and Insurance
NAICS 53	302	317	5.0%	Real Estate and Rental and Leasing
NAICS 54	930	1,108	19.1%	Professional Scientific and Technical Services
NAICS 55	721	843	16.9%	Management of Companies and Enterprises
NAICS 56	527	598	13.5%	Administrative Support, Waste Management and Remediation
NAICS 61	6,522	7,693	18.0%	Education Services
NAICS 62	3,914	5,154	31.7%	Health Care and Social Assistance
NAICS 71	190	333	77.5%	Arts, Entertainment and Recreation
NAICS 72	4,061	5,966	46.9%	Accommodation and Food Services
NAICS 81	923	1,068	15.7%	Other Services (except Public Administration)
NAICS 92	1,195	1,189	-0.5%	Public Administration
NAICS 99	5	5	0.0%	Other
Total Employment	30,950	36,031	16.4%	

K-12 School Enrollment	9,609	9,687	0.8%
------------------------	-------	-------	------

Southeast Portage 2050 Forecast Characteristics - Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	13,906	13,642	-1.9%
Households	5,570	6,113	9.7%
Population Under 18	2,874	2,822	-1.8%
Vehicles	12,385	13,656	10.3%
Workers	7,288	7,152	-1.9%

Employment				
NAICS 11	10	10	0.0%	Agriculture, Forestry and Hunting
NAICS 21	25	34	36.0%	Mining
NAICS 22	0	0	0.0%	Utilities
NAICS 23	208	232	11.5%	Construction
NAICS 31-33	89	89	0.0%	Manufacturing - Aggregated
NAICS 42	87	87	0.0%	Wholesale Trade
NAICS 44-45	157	142	-9.6%	Retail Trade - Aggregated
NAICS 48-49	107	140	30.8%	Transportation and Warehousing - Aggregated
NAICS 51	0	0	0.0%	Information
NAICS 52	2	2	0.0%	Finance and Insurance
NAICS 53	13	13	0.0%	Real Estate and Rental and Leasing
NAICS 54	41	47	14.6%	Professional Scientific and Technical Services
NAICS 55	2	2	0.0%	Management of Companies and Enterprises
NAICS 56	23	23	0.0%	Administrative Support, Waste Management and Remediation
NAICS 61	354	416	17.5%	Education Services
NAICS 62	32	38	18.8%	Health Care and Social Assistance
NAICS 71	9	16	77.8%	Arts, Entertainment and Recreation
NAICS 72	116	171	47.4%	Accommodation and Food Services
NAICS 81	20	20	0.0%	Other Services (except Public Administration)
NAICS 92	73	73	0.0%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	1,368	1,555	13.7%	

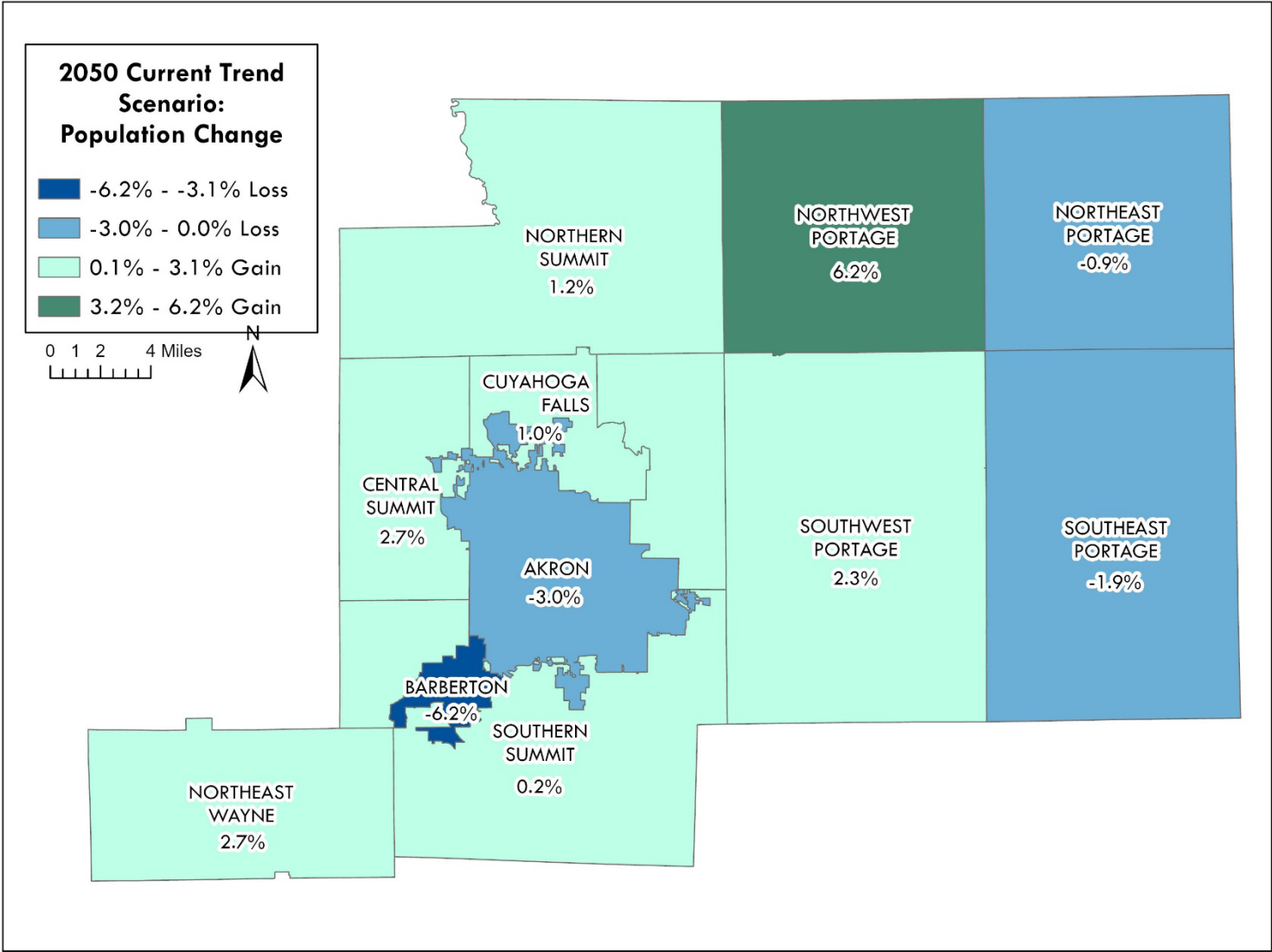
K-12 School Enrollment	2,237	2,222	-0.7%
------------------------	-------	-------	-------

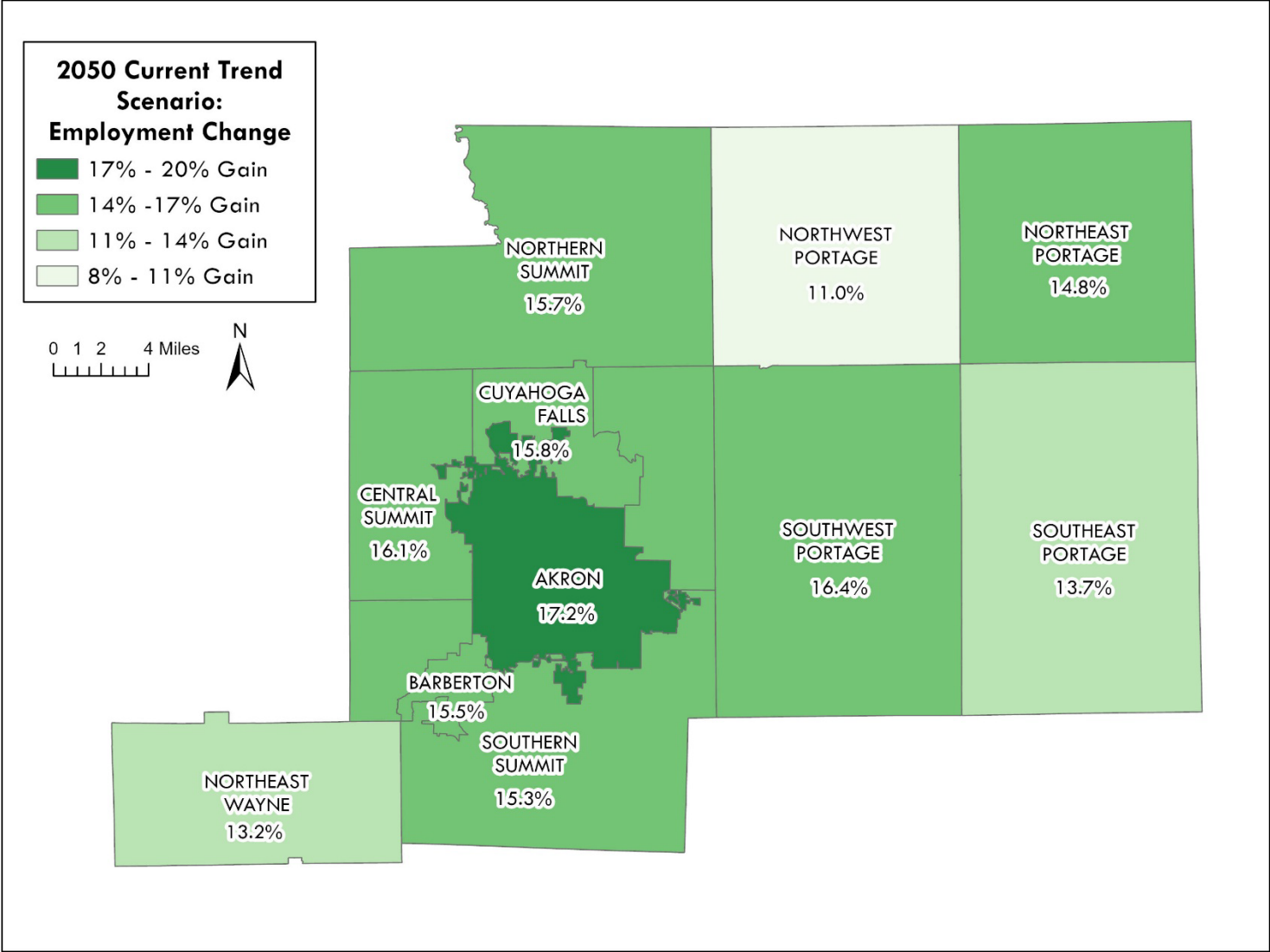
Northeast Wayne 2050 Forecast Characteristics - Current Trends Scenario

	BASE YEAR 2020	BASE YEAR 2050	% Change
Population	18,809	19,324	2.7%
Households	7,704	8,789	14.1%
Population Under 18	4,028	4,133	2.6%
Vehicles	16,207	18,589	14.7%
Workers	9,008	9,278	3.0%

Employment				
NAICS 11	178	205	15.2%	Agriculture, Forestry and Hunting
NAICS 21	58	77	32.8%	Mining
NAICS 22	14	11	-21.4%	Utilities
NAICS 23	271	3,021	11.4%	Construction
NAICS 31-33	609	606	-0.5%	Manufacturing - Aggregated
NAICS 42	105	108	2.9%	Wholesale Trade
NAICS 44-45	362	324	-10.5%	Retail Trade - Aggregated
NAICS 48-49	48	62	29.2%	Transportation and Warehousing - Aggregated
NAICS 51	18	18	0.0%	Information
NAICS 52	50	50	0.0%	Finance and Insurance
NAICS 53	14	14	0.0%	Real Estate and Rental and Leasing
NAICS 54	61	70	14.8%	Professional Scientific and Technical Services
NAICS 55	0	0	0.0%	Management of Companies and Enterprises
NAICS 56	61	70	14.8%	Administrative Support, Waste Management and Remediation
NAICS 61	377	445	18.0%	Education Services
NAICS 62	497	653	31.4%	Health Care and Social Assistance
NAICS 71	33	58	75.8%	Arts, Entertainment and Recreation
NAICS 72	172	253	47.1%	Accommodation and Food Services
NAICS 81	132	151	14.4%	Other Services (except Public Administration)
NAICS 92	111	111	0.0%	Public Administration
NAICS 99	0	0	0.0%	Other
Total Employment	3,171	3,588	13.2%	

K-12 School Enrollment	1,744	1,736	-0.5%
------------------------	-------	-------	-------





Conclusion

Shifts in population and employment can influence regional travel patterns in many ways. This includes the overall number of trips, time and duration of travel, origins and destinations, the travel mode selected, and many other factors. This is why understanding where current trends could be taking the AMATS region in the long-term future is an important part of the greater transportation planning process. Our analysis reveals a nuanced future for the region, characterized by contrasting trends in population and employment. Depending on the scenario, overall population in the region is projected to either decline or remain relatively flat. Under both scenarios, the region exhibits robust employment growth, projected to increase by 16.4%. This mixed landscape of demographic and economic change presents unique challenges and opportunities for regional planning. A potential decrease in population and households signals a need for strategic adjustments in infrastructure and service provision, while employment growth suggests economic resilience and the potential for revitalization. In addition to providing important planning insight, the massive amount of TAZ-level data generated during the Planning Data Forecast process will be input directly into the regional traffic demand model. Using this data, the model will be able to generate future traffic volumes, congestion and air quality data with the greatest possible accuracy.