



NEFCO

2023-2028

Comprehensive Economic Development Strategy



Northeast Ohio Four County
Regional Planning and
Development Organization



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NEFCO staff also thanks the General Policy Board for its leadership and guidance with the economic development planning workplan and the Regional Comprehensive Economic Development Strategy (CEDS) Committee for its contributions to the development of the 2023-2028 CEDS Plan.

Funding for the NEFCO 2023-2028 CEDS Plan is through the EDA Partnership Planning Grant ED22CHI3020026.



Executive Summary

The 2023-2028 NEFCO Comprehensive Economic Development Strategy (CEDS) represents a full update to the last CEDS Plan, which was published in 2018. Since the publication of the 2018 NEFCO CEDS Plan, the region and the world have been upended by the COVID-19 pandemic.¹ The public health and economic impacts from the pandemic have been devastating, and it will likely take years to fully understand the consequences. Though the pandemic is by no means over, the region has made significant recovery efforts.

A principal theme of the 2023-2028 CEDS Plan is resiliency, as it follows closely behind the publication of the NEFCO Economic Recovery and Resiliency (ER&R) Plan.² The ER&R Plan is a comprehensive document that recommends both short-term recovery projects and programs and long-term strategies promoting regional resilience. Elements from the ER&R Plan are incorporated into the CEDS Plan, including the proposed strategies and tactics of the three ER&R subcommittees. Strategies for recovery and resiliency continue to be paramount, as the region (and world) continues to be affected by the economic and public health impacts of the pandemic. Though unemployment levels have recovered from the more-than-15-percent high in the Spring of 2020, other issues like inflation, supply chain disruptions, the climate crisis, and international conflicts have seriously impacted the world's economy.

Another major theme of the 2023-2028 CEDS Plan is workforce development. Workforce development has emerged as a major economic development challenge. Workforce numbers are down, affecting production and economic output. The labor force has been dramatically impacted by the pandemic; issues like work flexibility, childcare, and transportation access all became exacerbated, especially for lower income and underserved populations. Those in the workforce often lack the necessary skills to succeed and thrive in today's economy.

The next five years will be defined by our region's collaborative spirit and innovative solutions. It will take a region to effectively address economic challenges like workforce development and localized supply chains. Community and business leaders will need to be nimble and responsive. A resilient, dynamic, and inclusive regional economy depends on strategies that develop, attract, and retain talent and quality jobs, promote sound infrastructure investments, invest in quality-of-life enhancements, and protect valuable natural resources.

The 2023-2028 CEDS Plan is intended to be dynamic, and it will be updated as needed over the next five years. The Plan includes a comprehensive collection of demographic and socio-economic data for community leaders to make informed decisions; a strengths, weaknesses, opportunities, and threats analysis to identify the region's competitive advantages and areas requiring improvement; an analysis of trends that have emerged in the last few years and anticipated patterns over the next five years; an economic resiliency strategy; and an Action Plan, including seven key goals with corresponding subgoals, partners and resources, timeframe for implementation, measurable performance metrics, and NEFCO-specific strategies. The region's prosperity and resiliency will depend on the ability to address the following goals:

2023-2028 CEDS PLAN GOALS

- 1 Address the supply chain and promote domestic production
- 2 Support programs that build human capital
- 3 Encourage development of industries that support Northeast Ohio's economic clusters
- 4 Promote redevelopment of blighted, underused, vacant, and environmentally challenged sites
- 5 Encourage investment in infrastructure and affordable housing
- 6 Support programs that diversify and build strong, resilient local and regional economies
- 7 Develop benchmarking to evaluate region's progress and competitiveness





NEFCO and the CEDS

The Northeast Ohio Four County Regional Planning and Development Organization (NEFCO) was established in 1974 as a regional council of governments by the elected officials within the counties of Portage, Stark, Summit and Wayne in Northeast Ohio. NEFCO was created as a voluntary organization to enable local officials to discuss problems facing the region and to develop strategies to manage them. NEFCO also serves as a forum through which local, state, and federal planning programs can be more effectively coordinated.

NEFCO was designated as an Economic Development District (EDD) by the U.S. Department of Commerce, Economic Development Administration (EDA) in 1978. NEFCO is one of 393 EDA-designated EDDs in the United States, and one of only six EDDs in Ohio. As the EDD for the region, NEFCO is responsible for managing a Comprehensive Economic Development Strategy (CEDS). The CEDS is a strategy-driven planning process and document for regional economic development. The CEDS is the result of a regionally owned planning process designed to build capacity and guide the economic prosperity and resiliency of an area or region.

The National Association of Development Organizations Research Foundation defines the CEDS as a locally based, regionally driven economic development planning process and document, which identifies regional strengths and weaknesses and promotes collaboration among a diverse set of partners to generate regional prosperity and resiliency.³ A robust and inclusive CEDS planning process can help a region maximize its economic development potential by promoting cooperative and innovative solutions to achieving regional goals and objectives. The CEDS Plan inspires local community leaders to partner with economic development organizations, funding agencies, and the private sector on infrastructure and other projects to create jobs and stimulate investment. Preparation and maintenance of the CEDS maintains NEFCO's status as an EDA-designated EDD and the region's eligibility for EDA grant funding.



Regional CEDS Committee

The NEFCO Regional CEDS Committee helps drive the organization’s economic development work program and is instrumental in the CEDS planning process and CEDS Plan document development. The Regional CEDS Committee includes experts in economic development and planning in both the public and private sectors. The Committee includes members from each of the eight NEFCO dues-paying members and represents the economic development interests of the region.

Name	Representing	EDA Category
Betty Aylsworth	Program Coord., Ohio Agricultural Research & Development Center	Higher Education
Gregg Cramer	VP Economic Development, Greater Akron Chamber	Private Sector
Brad Ehrhart	President, Portage Development Board	Private Sector
Haley Burk	Senior Project & Operations Manager, Advancement, JumpStart, Inc.	Private Sector
Ray Hexamer	President, Stark Economic Development Board	Private Sector
Jonathan Millea	Development Coordinator, City of Wooster	Public Sector
Robert Nau	Executive Director, Stark County Regional Planning Commission	Public Sector
Maribeth Burns	President, Wayne Economic Development Council	Private Sector
Dennis Tubbs	Asst. Director, Summit Co. Dept. of Community and Economic Dev.	Public Sector
Scott Wagner	Executive Director, Barberton Community Development Corp.	Private Sector
Jenn Kiper	Director, Wayne County Planning Department	Public Sector
David Messner	Development Manager, City of Akron	Public Sector
Tom Wilke	Economic Development Director, City of Kent	Public Sector
Todd Peetz	Director, Portage County Regional Planning Commission	Public Sector
Chris Hardesty	Economic Development Director, City of Canton	Public Sector



The General Policy Board is the governing body of NEFCO. The General Policy Board approves the annual economic development planning work program and provides guidance and direction on all planning initiatives. The composition of the Board is determined by the NEFCO organizational bylaws and includes representation from the eight dues-paying members: Portage County, Stark County, Summit County, Wayne County, and the cities of Akron, Canton, Kent, and Wooster.

Portage County

Daniel Blakely	Director, Portage County Water Resources	Public Official
Joe Diorio	Portage County Health Commissioner	Public Official
Tony Badalamenti	Portage County Commissioner	Public Official
Todd Peetz	Director, Portage County Regional Planning Commission	Public Official
Amos Sarfo	Storm Water Program Supervisor, Portage County Combined General Health District	Public Official
John Zizka	Portage County Appointee	Private Sector

City of Kent

Kathleen Petsko	City of Kent Grants and Neighborhood Programs Coordinator	Public Official
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Stark County

Keith Bennett	Stark County Engineer	Public Official
David Maley	City of Massillon Economic Development Director	Public Official
Keri Burick	President, North Canton Area Chamber of Commerce	Private Sector
Joe Mazzola	City of Alliance Planning Director	Public Official
Richard Regula	Stark County Commissioner	Public Official
Jim Troike	Stark County Sanitary Engineer	Public Official
Bob Nau	Director, Stark County Regional Planning Commission	Public Official
Athena Ebersole	Project Manager for Site Strategy, Stark Economic Development Board	Private Sector
Alfredo Carranza	Stark County Appointee	Private Sector

Dan Moeglin Vacant (1)	Executive Director, Stark Parks	Public Official
City of Canton		
James Benekos	City of Canton Engineer	Public Official
Summit County		
Alan Brubaker	Summit County Engineer	Public Official
James Balogh	Twinsburg Township Trustee	Public Official
Sam Scaffide	City of Twinsburg Mayor	Public Official
David Kohlmeier	CTI Engineering	Private Sector
David Lukas	Summit County Department of Community & Economic Dev.	Public Official
Ilene Shapiro	Summit County Executive	Public Official
Dianne Sumego	dms water solutions, llc.	Private Sector
Michael Vinay	Summit County Sanitary Sewer Services Director	Public Official
Elizabeth Walters	Summit County Council	Public Official
City of Akron		
Ginger Baylor	City of Akron Council member	Public Official
Daniel Horrigan	City of Akron Mayor	Public Official
Chris Ludle	City of Akron Deputy Director Public Service	Public Official
Linda Omobien	City of Akron Council member	Public Official
Shammas Malik	City of Akron Council member	Public Official
Thomas Tatum	City of Akron Housing & Community Services Manager	Public Official
Helen Tomic	City of Akron Comprehensive Planning Manager	Public Official
Wayne County		
Jonathan Hofstetter	Wayne County Commissioner	Public Official
Jenn Kiper	Wayne County Planning Director	Public Official
Steve Wheeler	City of Orrville Safety/Service Director	Public Official
City of Wooster		
Bob Breneman	City of Wooster Mayor	Public Official
Ohio EPA (Ex Officio)		
Vacant	Ohio EPA – Northeast District Office Chief	Public Official

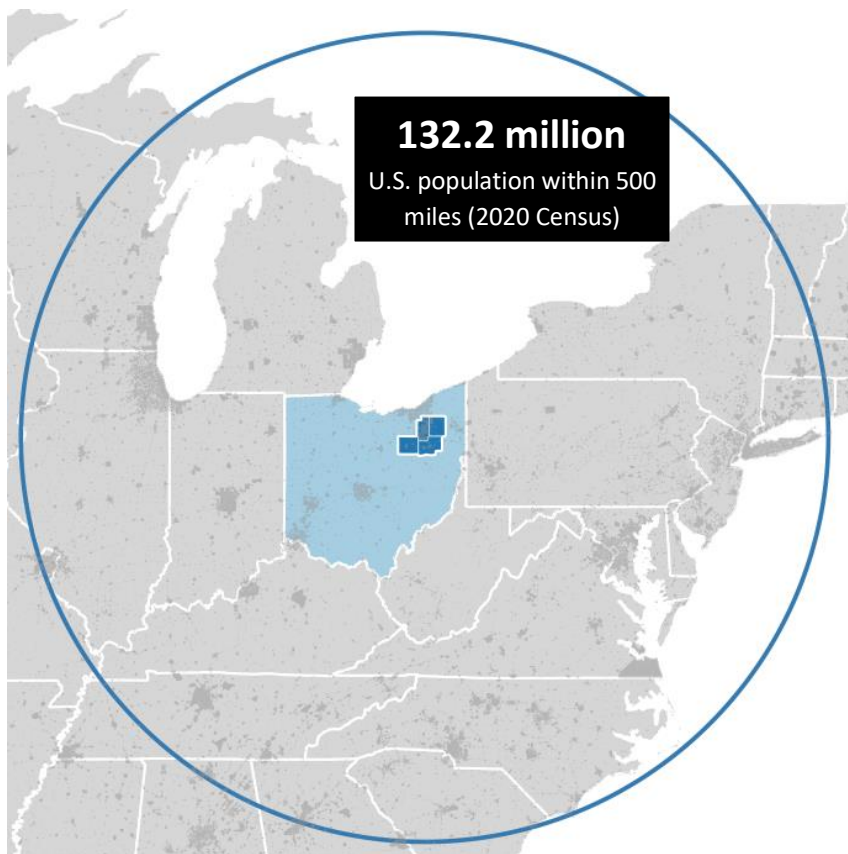
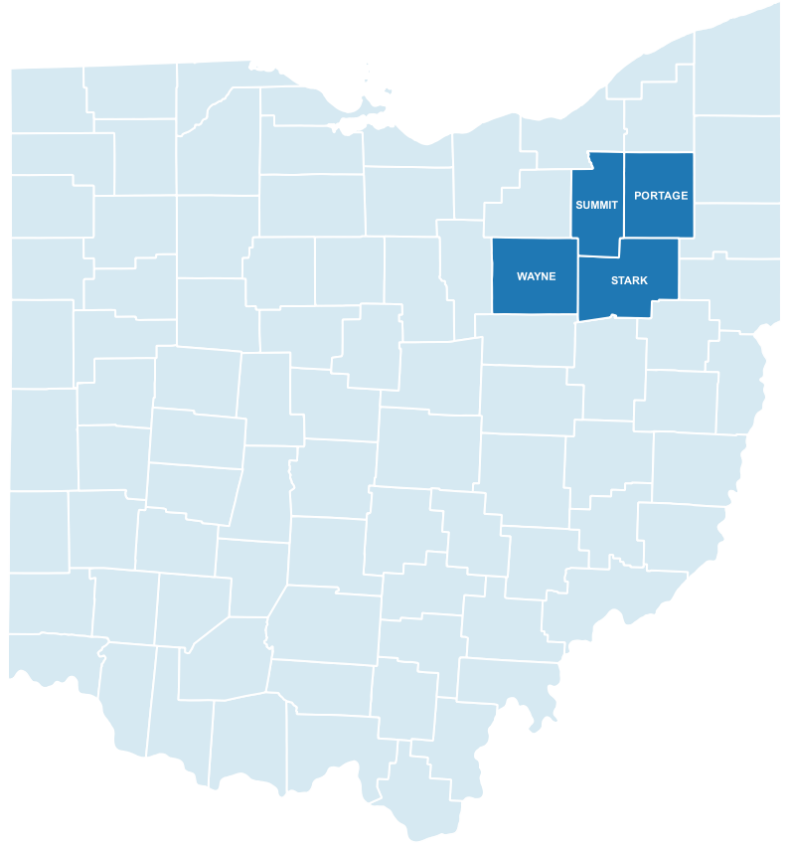


Regional Overview

Regional Geography

The NEFCO Region includes Portage, Stark, Summit, and Wayne Counties in Northeast Ohio. The region is strategically positioned, with nearly 40-percent of the U.S. population (132,215,203) within 500 miles of the geographic center of the region.⁴ The region encompasses 2,064 square miles. The region contains 124 different local governments, including 27 cities, 37 villages, and 60 townships (see Map 1). The four county seats include Ravenna (Portage), Canton (Stark), Akron (Summit), and Wooster (Wayne). The NEFCO Region includes two metropolitan areas: the Akron Metropolitan Area and the Canton-Massillon Metropolitan Area.

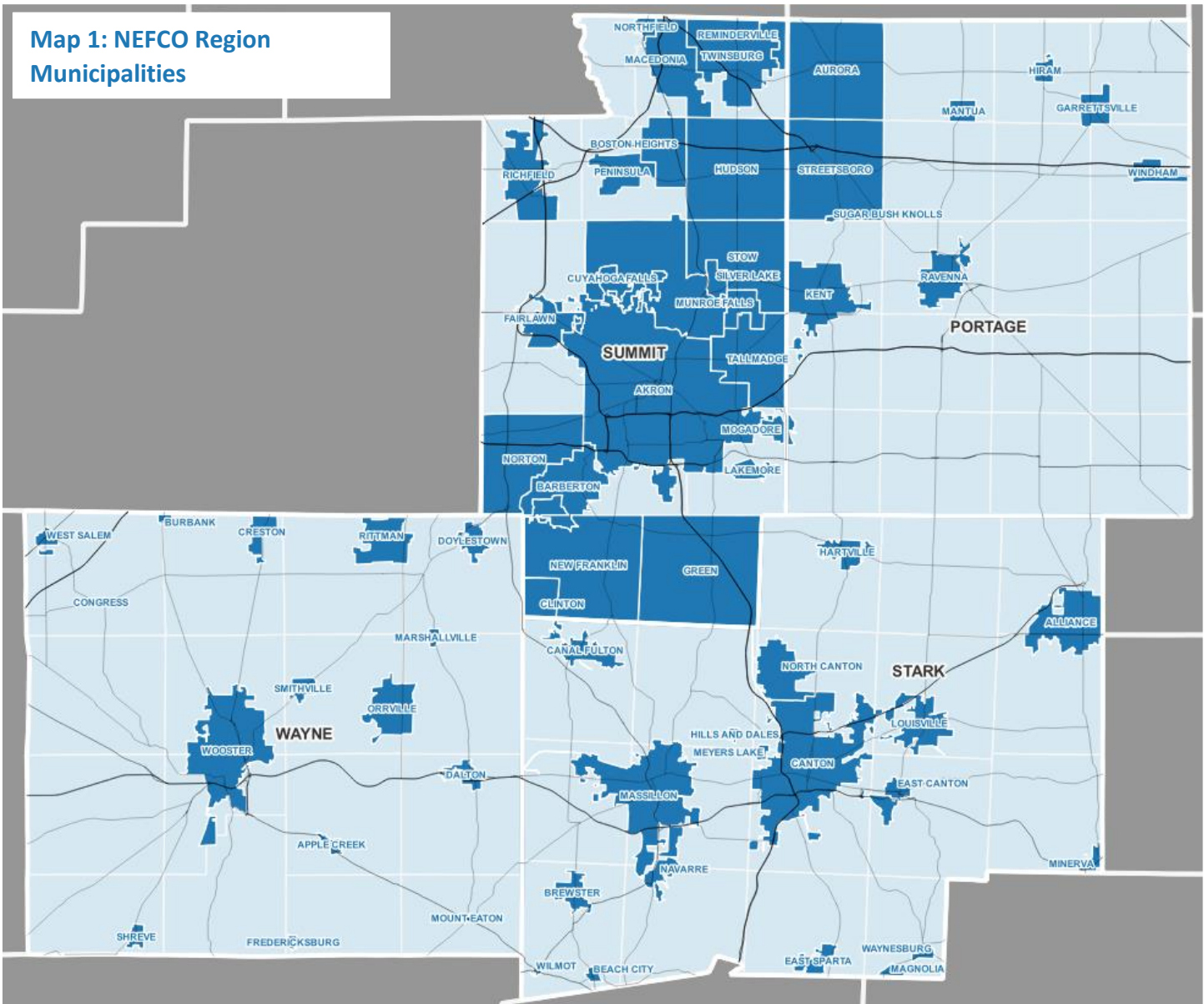
The region varies greatly from highly urbanized Summit County to primarily rural Wayne County. Both Stark and Summit County have a great deal of suburbanization.



Transportation Access

The NEFCO region has an extensive transportation network. The region is served by a robust highway network, including several interstate highways (I-71, I-76, I-77, I-80, I-271, I-277, I-480), federal highways (US-30, US-42, US-62, US-224, US-250), and many state highways. The two metropolitan planning areas in the region – Akron Metropolitan Area Transportation Study (AMATS) and the Stark County Area Transportation Study (SCATS) – maintain comprehensive plans for their respective areas. The AMATS Transportation Outlook 2045⁵ and the SCATS Moving Stark Forward 2050⁶ are long-range plans that analyze future transportation needs, including highway planning, congestion mitigation, crash analysis, transit planning, and bicycle and pedestrian facility planning. Three of

the four NEFCO counties have regional transit authorities: the Portage Area Regional Transportation Authority in Portage County; the Stark Area Regional Transportation Authority (SARTA) in Stark County; and the METRO Regional Transit Authority in Summit County. Wayne County Transit is a joint project of Community Action Wayne/Medina and SARTA. The region is served by one major commercial airport, the Akron-Canton Regional Airport, in Green. Additionally, the region has an extensive network of trails and bikeways, particularly in Portage, Stark, and Summit Counties. Each county has a park district, which maintains trails.



Source: Ohio Department of Transportation

Notable Employers

The NEFCO Region is home to a number of major national corporations. The region includes three Fortune 500 companies (2022): The Goodyear Tire & Rubber Company in Akron, FirstEnergy in Akron, and The J.M. Smucker Company in Orrville.⁷ Notable Portage County employers include Kent State University, University Hospitals Portage Medical Center, Davey Tree Expert Company, and East Manufacturing.⁸ Notable Stark County employers include The Timken Company, TimkenSteel, Diebold Nixdorf Corporation, The Kenan Advantage Group, and Shearer's Foods.⁹ Notable Summit County employers include Goodyear Tire & Rubber

Company, Bridgestone, GOJO Industries, FirstEnergy, and PPG Inc.¹⁰ Notable Wayne County employers include The J.M. Smucker Company, Daisy Brand, Schaeffler Group, PepsiCo, and Will-Burt.¹¹

Colleges and Universities

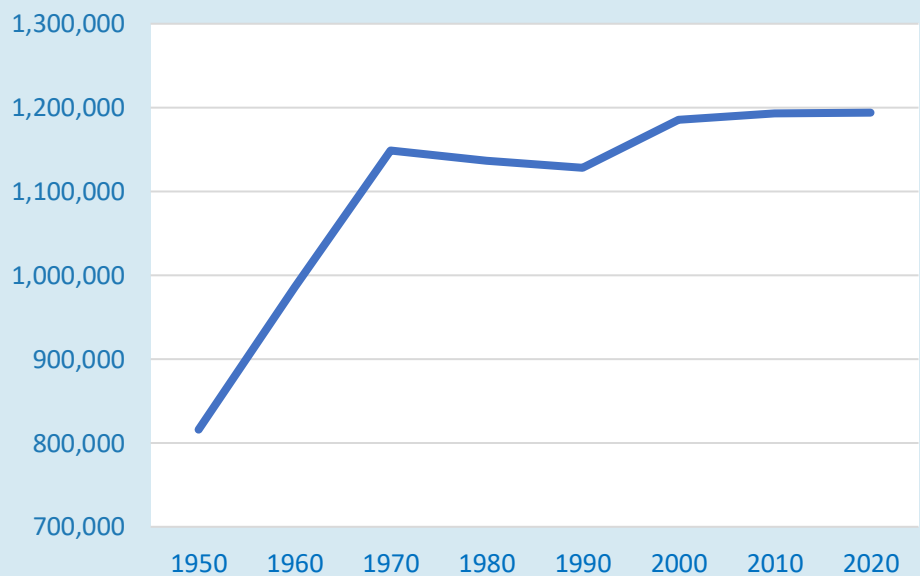
The NEFCO Region is home to many colleges and universities. Kent State University in Kent and the University of Akron in Akron are the largest in the region. Other universities include Malone University and the Aultman College of Nursing and Health Sciences in Canton, Stark State University and Walsh University in North Canton, University of Mount Union in Alliance, the College of Wooster in Wooster, Hiram College in Hiram, and the Northeast Ohio Medical University in Rootstown Township. Branch campuses include the University of Akron-Wayne College in Orrville, Kent State University at Stark in North Canton, and The Ohio State University-Wooster Campus.

Population (1950-2020)

Chart 1 shows the NEFCO region's population pattern since 1950. There was significant growth between 1950 and 1970. A slight decline in population that occurred between 1970 and 1990 was followed by a rebound the following decade. Since 2000, the region's population has remained relatively static. In 2000 there were 1,185,706 residents; 2020's population was 1,193,966.

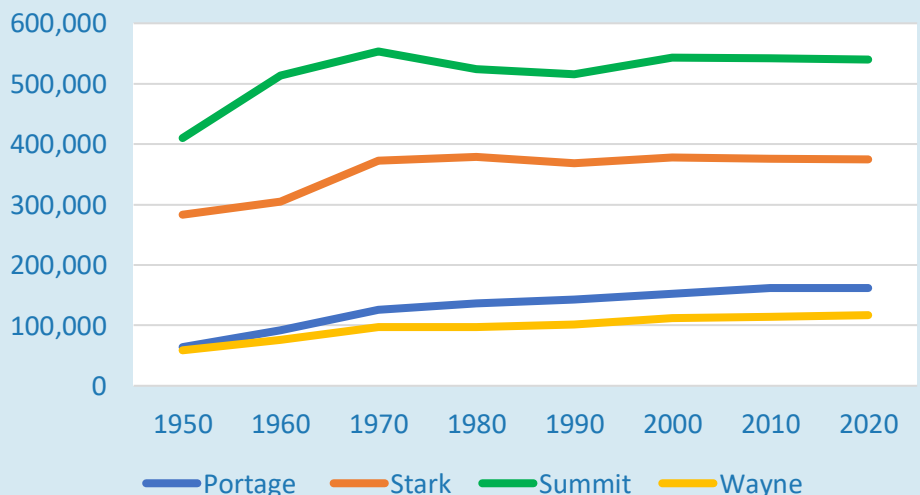
From a county perspective, Wayne County and Portage County continue to grow, while Stark and Summit County have experienced slight population decreases (see Chart 2). Both Portage County and Wayne County have had population increases for every census between 1950 and 2020. Stark County's population peaked in 1980 with 378,823, decreased to 367,934 in 1990, then increased back to 378,089 in 2020. Since then, the county's population has steadily declined. Summit County's population peaked in 2000. Since then, the county's population has incrementally decreased.

Chart 1: NEFCO Region Population (1950-2020)



Source: U.S. Census Bureau

Chart 2: County Populations (1950-2020)

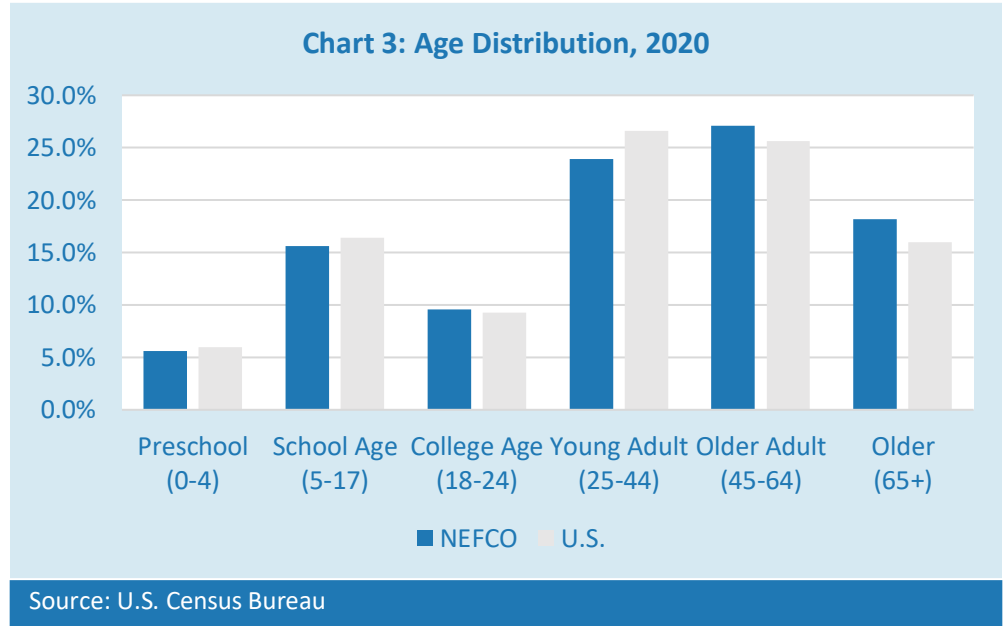


Source: U.S. Census Bureau

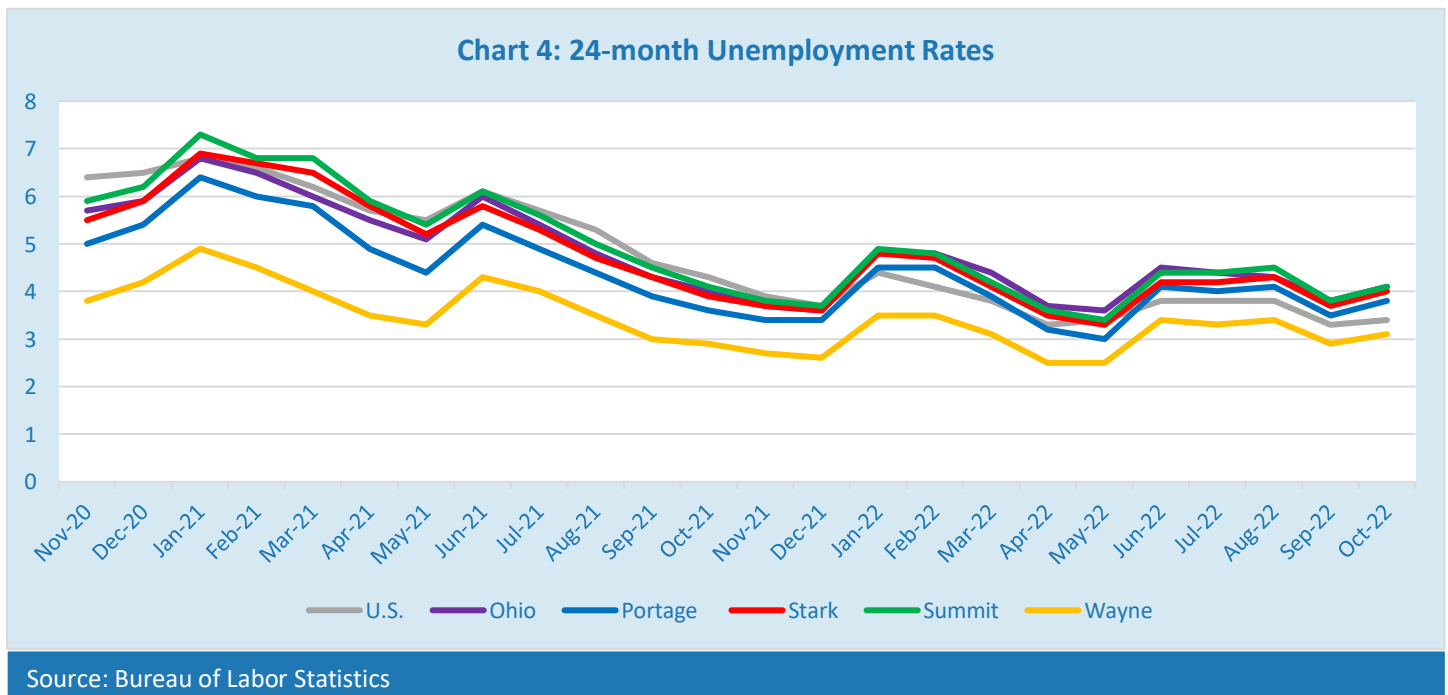
Population projections from the Ohio Department of Development (ODOD) indicate each county and the NEFCO Region will experience population declines in 2030 and 2040.¹² Per ODOD, the NEFCO Region population is expected to decline by more than 50,000 residents, from 1,193,966 in 2020 to 1,143,650 in 2040. The region must proactively address workforce and quality of life improvements to help retain residents and jobs, while developing ways to attract new residents and jobs.

Age Distribution

The NEFCO Region is generally older than the U.S. (see Chart 3). There are proportionately more older adults (ages 45 and over) than the U.S., while there are fewer preschool (ages 0-4) and school age children (ages 5-17). There are slightly more college age adults (18-24) than the U.S., though this is likely due to the concentration of large colleges and universities in the NEFCO Region. The region continues to lose young adults to other areas of the country. Concerted efforts must be employed to retain high school and college graduates. The region will also need to consider its growing older adult population.

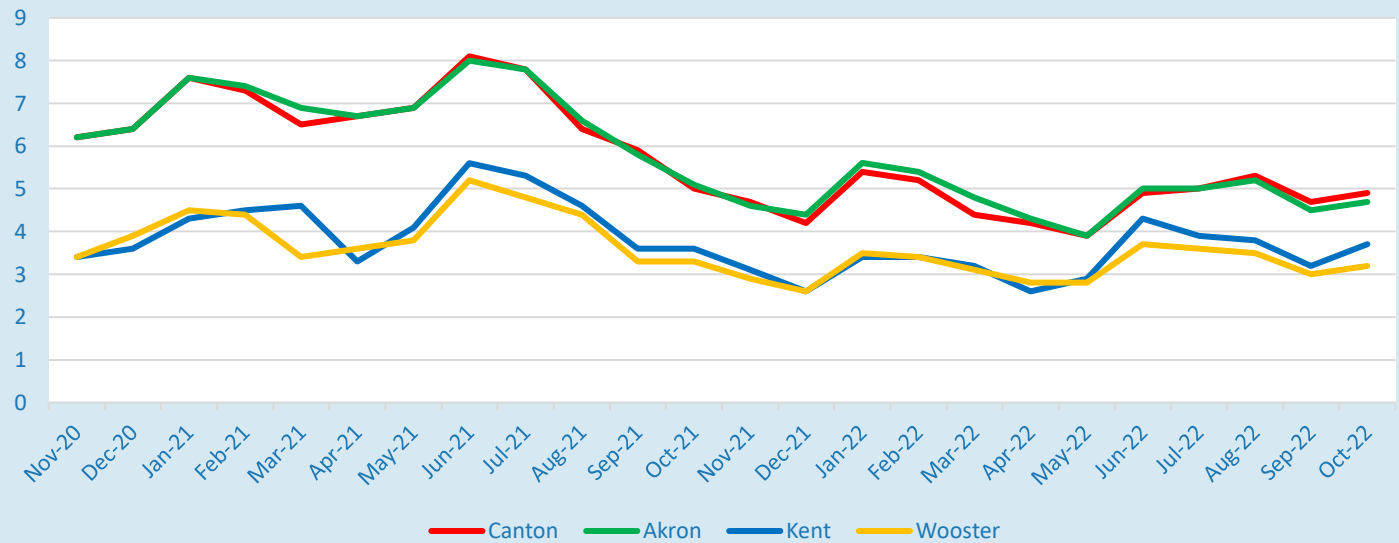


24-month Unemployment Rate



The unemployment rate trends for the NEFCO counties generally mirrored that of the U.S. and Ohio over the last 24 months (see Chart 4). The 24-month average unemployment rate for the U.S. and Ohio was 4.8-percent (for the period ending October 2022). Unemployment rates in Wayne County (3.4-percent) and Portage County (4.4-percent) were lower than the state and U.S. rates, Stark County had an equivalent average of 4.8-percent, and Summit County was higher than the state and U.S. average at 5.0-percent. The unemployment rates for the

Chart 5: 24-month Unemployment Rates, NEFCO Cities



Source: Bureau of Labor Statistics

major regional cities mirrored the rates of each city's respective county (see Chart 5). Kent and Wooster had significantly lower unemployment rates than Canton and Akron throughout the last 24 months. Wooster and Kent had average unemployment rates of 3.6 and 3.8-percent, respectively, while Canton and Akron had rates of 5.7 and 5.8-percent over the past 24 months.

Regional Economic Development Challenges

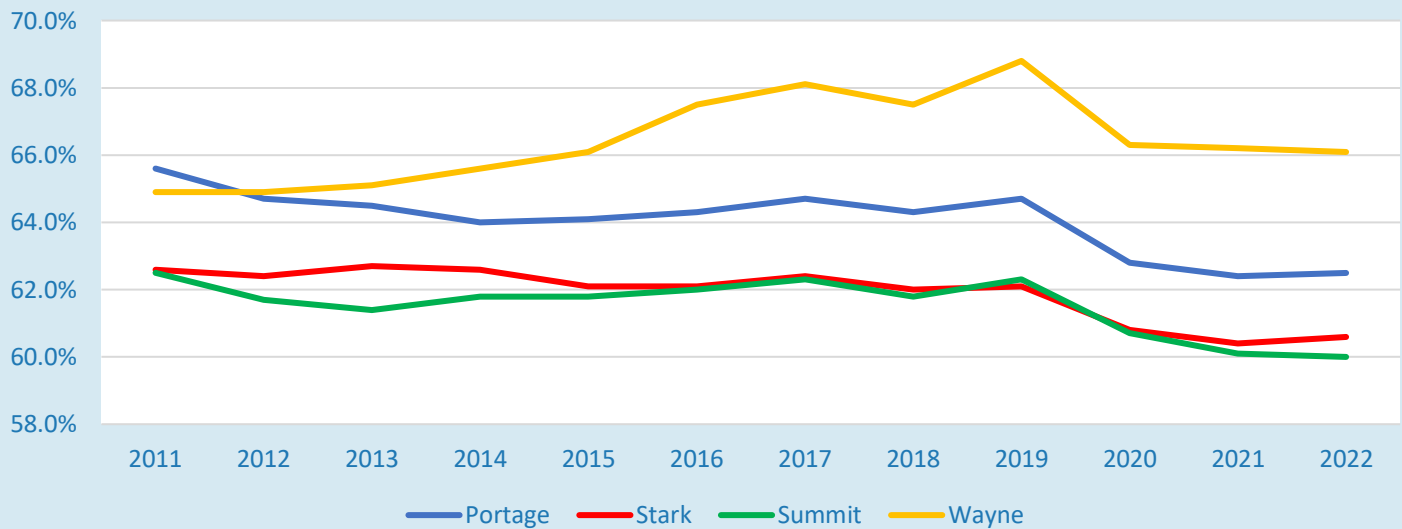
The region faces many economic development challenges. The COVID-19 pandemic has created unprecedented economic hardship for the world and the NEFCO Region. Some challenges had existed previously but have been exacerbated by the pandemic, particularly workforce development, the global supply chain, and inflation.

Workforce development issues continue to plague the NEFCO region. Labor shortages continue to hamper the region's manufacturing base, as well as many other sectors. Current labor force participation rates for Portage, Stark, and Summit County are still below levels from 2011 (see Chart 6). Only Wayne County has a higher workforce participation rate in 2022 than 2011, though the rate is much lower than the high of 68.8-percent it had in 2019. Talent and skills are also lacking for many skilled trades. Employer demand is not often met with degreed or certified applicants. The region is also challenged with retaining recent high school and college graduates. Other factors affecting the workforce include access to childcare and transportation, which disproportionately impact lower income individuals, women, and historically underserved populations.

Global supply chain disruptions have greatly impacted the region. These disruptions have created shortages in key goods, price inflation, factory closures, unloaded shipping containers, and negative impacts on the nation's

economic wellbeing. The supply chain has meant higher prices and shortages on high-end consumer goods, increased costs for commodities, energy, and basic needs, and has increased the cost of living and the provision of basic needs. The supply chain has been worsened by the reduced workforce. Inflation has also impacted all aspects of the economy.

Chart 6: Labor Force Participation Rate (2011-2022)



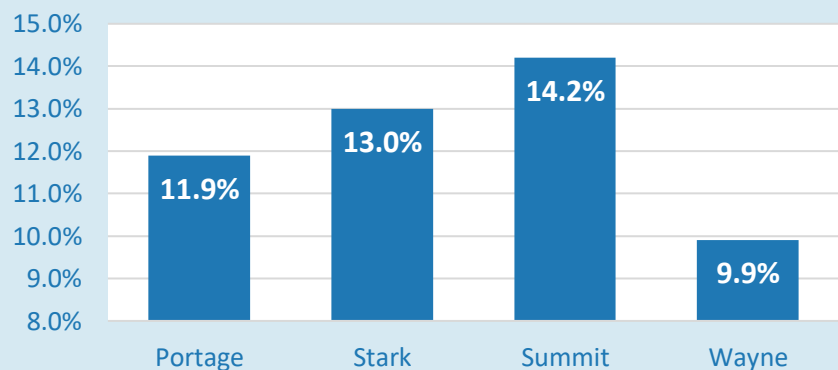
Source: Bureau of Labor Statistics

International conflict, the global pandemic, and the climate crisis also continue to affect economic conditions. Although out of the region's control, these crises have a significant impact on the region's economic wellbeing.

Poverty and Food Insecurity

The region still has a large portion of the population living in poverty. Per the U.S. Census, 12.6-percent of the region lives in poverty. From a county perspective, Summit County had the highest poverty rate at 14.2-percent; Wayne County had the lowest at 9.9-percent. Perhaps, a more alarming statistic is the child poverty rate. Summit County had a child poverty rate of 21.0-percent, the highest for any NEFCO county. Stark County closely followed with a rate of 18.7-percent. Portage County had the fewest children living in poverty at 13.4-percent.

Chart 7: Poverty Rate, 2019



Source: U.S. Census Bureau

Another measure of poverty is food insecurity. Food insecurity is defined by the United States Department of Agriculture as the lack of access, at times, to enough food for an active, healthy life. Food insecurity is associated with numerous adverse social and health outcomes and is increasingly considered a critical public health issue. Key drivers of food insecurity include unemployment, poverty, and income shocks, which can prevent adequate

access to food. Structural and systemic racism has also contributed to a higher percentage of food insecurity among persons of color.¹³ According to Feeding America, which has developed an interactive mapping application for food insecurity in the U.S., nearly 12.4-percent of the NEFCO Region’s population is considered food insecure. Stark County had the highest food insecurity rate at 12.9-percent.

EDA Grant Eligibility and Special Need Indicators

The EDA generally awards grants to locations considered “distressed.” EDA considers areas distressed if the unemployment rate averaged over a 24-month period is one percent or higher than the national average or the per capita median income is 80-percent or lower than the national average. The EDA also considers other economic factors or special needs, such as recent plant closures, major layoffs, natural disasters, and other events or situations that create a distressed economic environment.

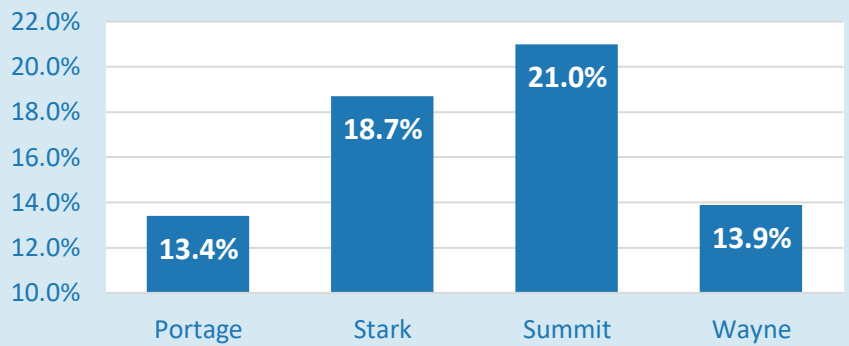
According to the Argonne National Laboratory’s National Economic Resilience Data Explorer, the NEFCO Region has a low concentration of coal sector jobs, and there are no nuclear power plants located in any of the NEFCO region counties. No counties are in a state of persistent poverty. Urban areas account for 84.6-percent of the region’s area, while 15.4-percent is considered rural. Portage, Stark, and Summit are considered urban, and Wayne is considered rural. No counties are adjacent to any Federally Recognized Tribal Land.¹⁴

Natural Hazards

The Federal Emergency Management Agency (FEMA) National Risk Index identifies relative risk for 18 natural hazards.¹⁵ The index can be used to help the region prioritize resilience efforts, which can assist in updating emergency operations plans, enhancing hazard mitigation plans, prioritizing, and allocating resources, identifying the need for more refined risk assessments, encouraging community-level risk communication and engagement, educating residents, supporting the development and adoption of enhanced standards, and informing long-term community recovery.

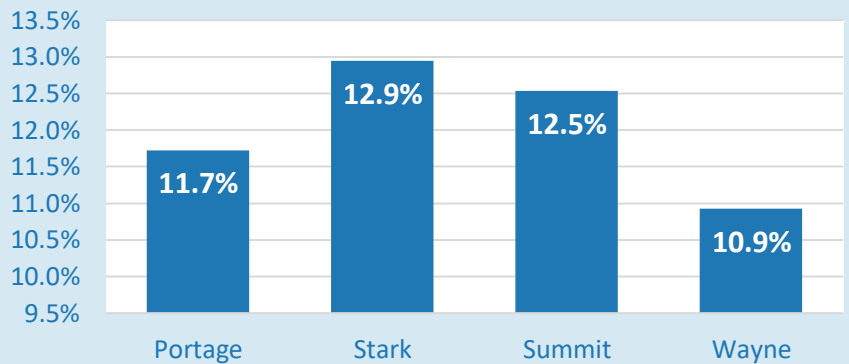
According to FEMA data, the NEFCO Region has a relatively low risk of natural disasters (see Map 2). Portage County has a very low risk index of 7.66. It has relatively moderate risks for hail and winter weather. Stark County has a relatively moderate risk index of 15.50. It has relatively moderate risks for cold waves, heat waves,

Chart 8: Child Poverty Rate, 2019



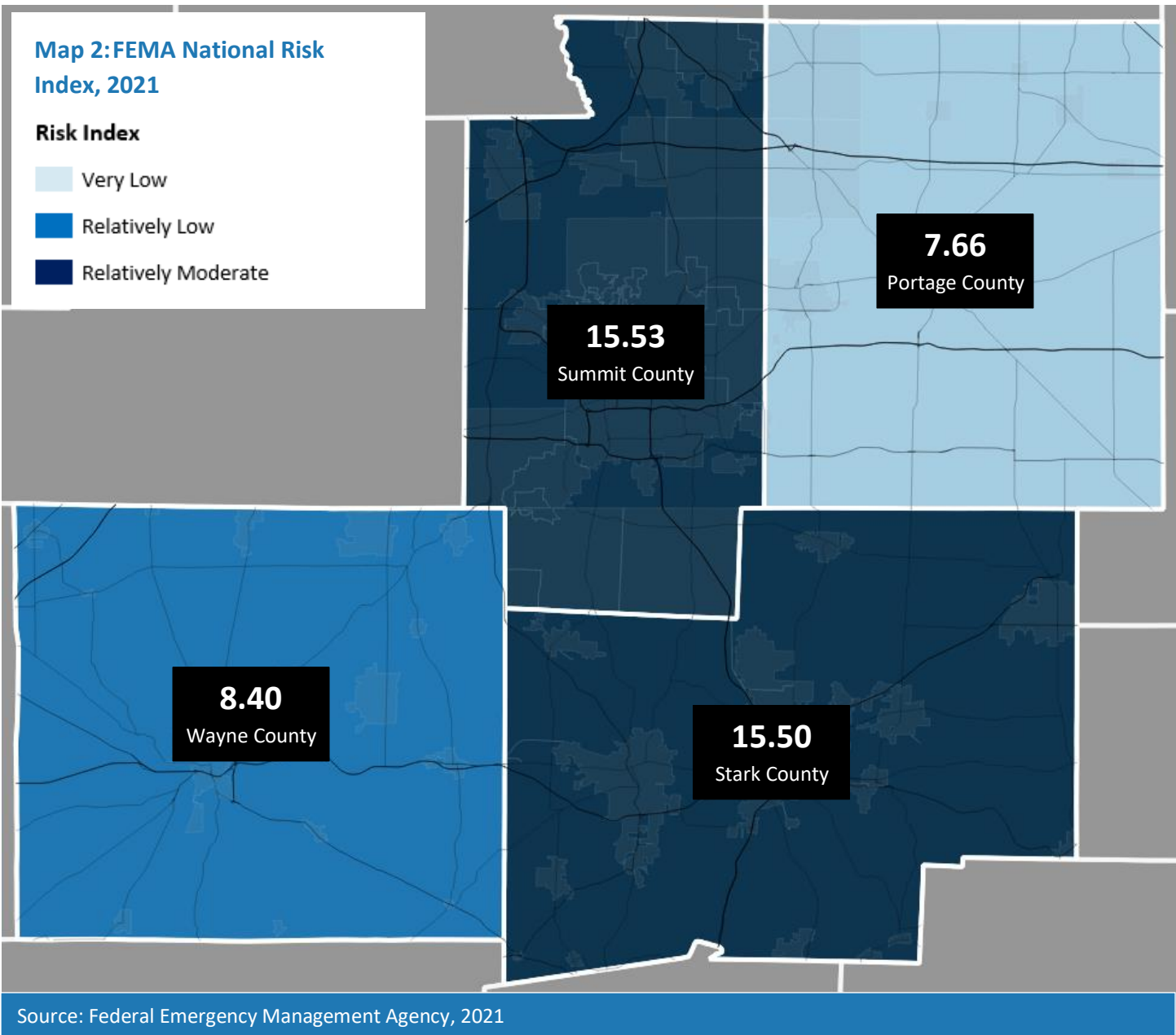
Source: U.S. Census Bureau

Chart 9: Food Insecurity Rate, 2020



Source: Feeding America

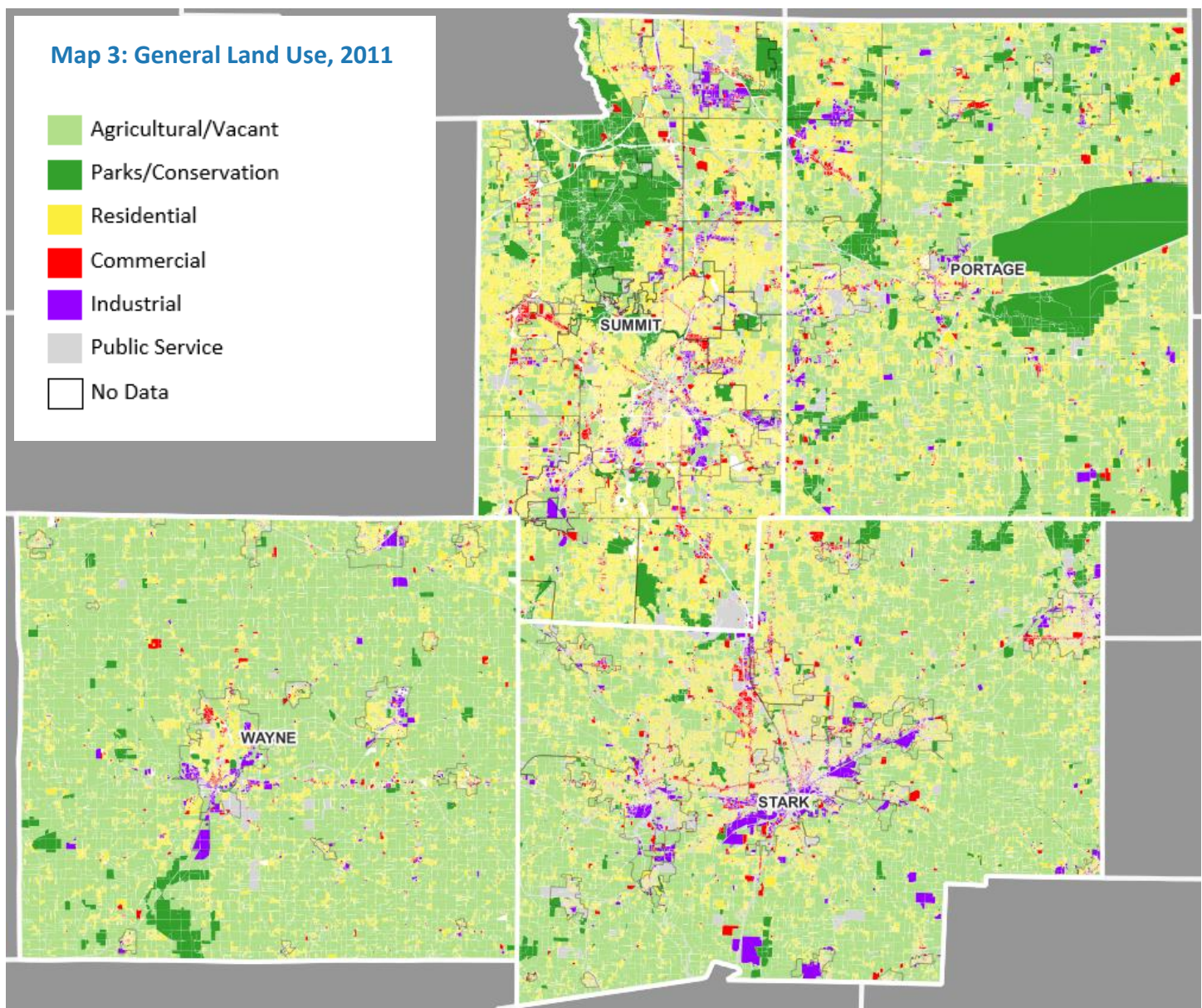
lightning, and tornados, and relatively high risks for hail, riverine flooding, and winter weather. Summit County has a relatively moderate risk index of 15.53. It has relatively moderate risks for cold waves, heat waves, lightning, strong winds, and tornados, and relatively high risks for hail, riverine flooding, and winter weather. Wayne County has a relatively low risk index of 8.40. It has relatively moderate risk for ice storms and a relatively high risk for winter weather.



Brownfields

Brownfield redevelopment is a major interest to the NEFCO Region. All four NEFCO counties have active land banks tasked with reclaiming, rehabilitating, and reutilizing nonproductive land. County land banks play an instrumental role in repurposing vacant and derelict properties into productive reuse. The Ohio Environmental Protection Agency's brownfields inventory lists 27 documented brownfields sites in Summit County, 12 sites in Stark County, four sites in Portage County, and one in Wayne County.¹⁶ There are hundreds more sites than are listed in this inventory, as those listed are only properties that have received state or federal funds for

assessment or clean-up work. Vacant brownfields pose risks to human and environmental health. They represent idle resources that have been taken out of productive use, but their proximity to infrastructure can be seen as a development advantage. NEFCO's members are supportive of brownfields redevelopment, which represents an efficient use of resources and preserves open space. NEFCO has received two \$600,000 USEPA brownfield assessment grants. The region has also received millions in funding from the Ohio Department of Development through its Brownfield Remediation and Building Demolition and Site Revitalization programs. The Northeast Ohio Areawide Coordinating Agency (NOACA) and Vibrant NEO are working on developing a comprehensive brownfields inventory and redevelopment strategy plan for Northeast Ohio. NEFCO is active with Vibrant NEO, and the NEFCO Executive Director serves as a Board member. The NOACA-Vibrant NEO Brownfields Coalition was awarded a \$1 million USEPA Brownfields Revolving Loan Fund (RLF) grant in 2022. The RLF will provide loans for brownfields assessments and cleanups in Vibrant NEO's 12-county region, which includes the NEFCO counties.



Sources: 2011 County Auditors' Data; Northeast Ohio Areawide Coordinating Agency

Land Use and Land Cover

The land use patterns of the NEFCO Region counties are quite different (see Map 3). Summit County is the most urbanized, with a large portion of the land developed for residential, commercial, and industrial use. Stark County is characterized by suburbanization, with much of the residential, commercial, and industrial development clustered around Canton, Massillon, and Alliance. Most of Portage County's development is concentrated on the western portion, particularly in the cities of Kent, Streetsboro, and Aurora. The remainder of the county is primarily rural. Wayne County is largely rural, except for Wooster, Orrville, and Rittman. Agriculture and low-density residential development are the predominant land uses in Wayne County.

Environment

The region is diverse in its landscape. All but the southeastern corner of Stark County was impacted by glacial activity. The region is defined by its abundant water resources. Streams, rivers, and lakes provide recreational activities and shape the region's highly valued park systems. Major rivers include the Cuyahoga River and Tuscarawas River. The Ohio River-Lake Erie Basin Divide runs through the NEFCO Region; Wayne County, most of Stark County, Southern Summit County, and Eastern Portage County drain to the Ohio River, while Northern Summit County, Western Portage County, and a small portion of Northern Stark County drain to Lake Erie. The region is susceptible to flooding, which may be increasing due to the impacts of climate change. Most of the region is governed by USEPA's Phase II Municipal Separate Storm Sewer System (MS4) regulations, which in part, require communities to control the stormwater runoff due to its pollution impacts on water quality. Because many communities historically built their infrastructure with easy access to water, their centers of commerce are now more vulnerable to flood damage with the increase in impervious surfaces and urban runoff. Stormwater continues to be a regional challenge, with the most effective solutions being those done regionally.

Climate and Environmental Justice

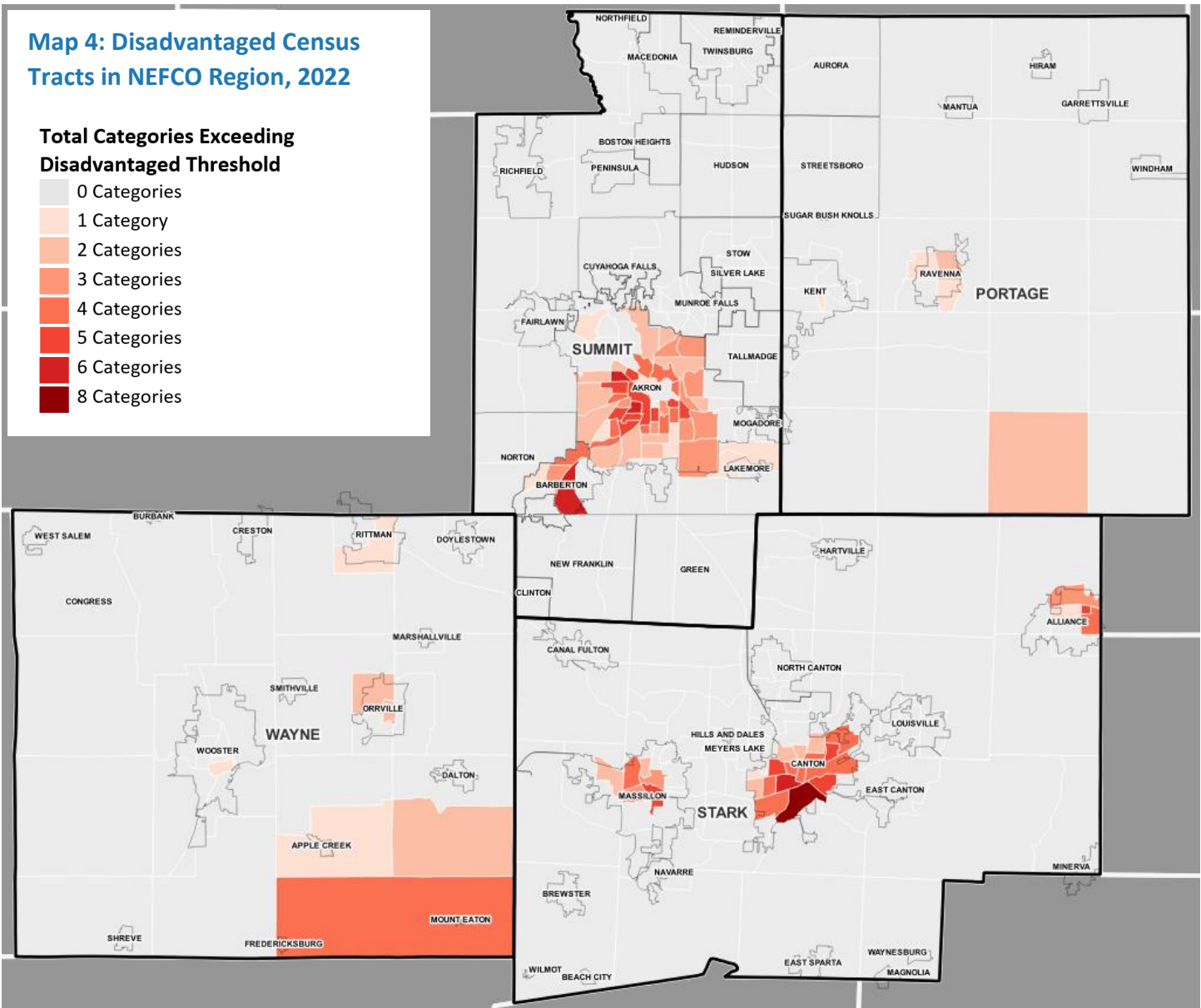
The White House Council on Environmental Quality has produced an analytical tool, which identifies Census tracts that have been disproportionately overburdened by pollution or have experienced historic underinvestment.¹⁷ The Climate and Economic Justice Screening Tool (CEJST) analyzes dozens of factors in eight categories of burdens: climate change factors, including agricultural loss rate, flood risk, etc.; energy factors, including energy cost and particulate matter; health factors, including high rates of asthmas, diabetes, heart disease, and low life expectancy; housing factors, including historic underinvestment, housing cost, lack of greenspace, lack of indoor plumbing, and lead paint; legacy pollution factors, including abandoned mine land, former defense sites, and proximity to hazardous waste and superfund sites; transportation factors, including exposure to diesel particulate matter, transportation barriers, and traffic proximity and volume; water and wastewater factors, including underground storage tanks and wastewater discharge; and workforce development factors, including linguistic isolation, low median income, poverty, and unemployment.¹⁸ Per the CEJST, a tract qualifies as "disadvantaged" if it is at or above the 90th percentile for a particular burden in seven of the categories and is at or above the 65th percentile for low income. For the workforce development category, tracts are identified as disadvantaged if they are at or above the 90th percentile for a particular burden and fewer than 10-percent of adults have a high school education.

The NEFCO Region has clear disparities when analyzing climate and environmental justice (see Map 4). The disadvantaged communities are primarily census tracts in the region's central cities: Canton, Akron, Barberton, Alliance, and Massillon. Southeast Canton has a census tract that exceeds the threshold of "disadvantaged" in eight categories. Two tracts in West Akron and Southern Barberton exceed the threshold in six categories.

Map 4: Disadvantaged Census Tracts in NEFCO Region, 2022

Total Categories Exceeding Disadvantaged Threshold

- 0 Categories
- 1 Category
- 2 Categories
- 3 Categories
- 4 Categories
- 5 Categories
- 6 Categories
- 8 Categories



Source: White House Council on Environmental Quality, Climate and Economic Justice Screening Tool, 2022

NEFCO Region jurisdictions should utilize the tool when seeking federal grants, as it identifies the factors contributing to disadvantaged communities and helps make a case for funding. Community leaders should use the resource to effectively address equity and environmental justice issues.

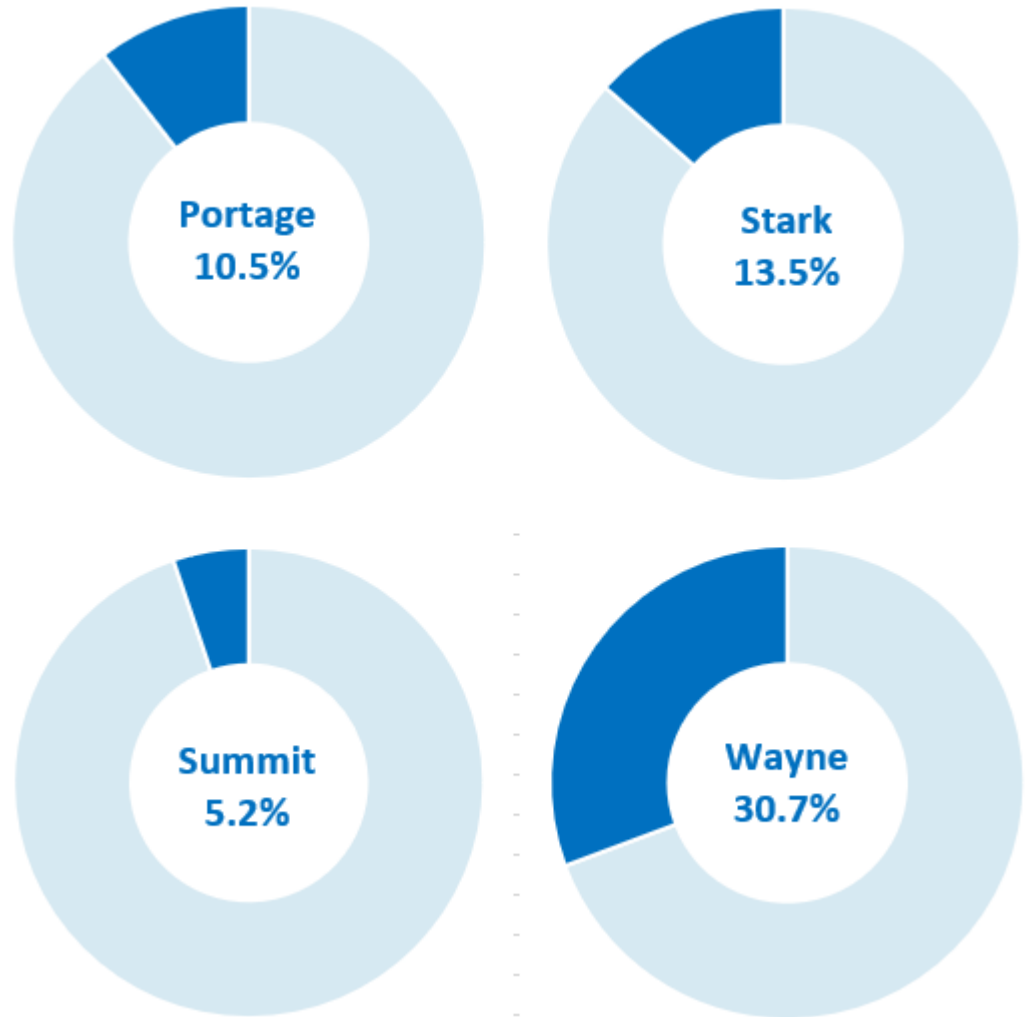
Broadband and High-Speed Internet

High-speed internet access is a necessity for participation in the modern economy. Broadband accessibility is necessary for both individuals and businesses, as well as education, employment, and health care. Areas with excellent broadband access are at an advantage economically; unserved locations have difficulty competing for economic development projects, jobs, and new residents. BroadbandOhio has developed a mapping resource identifying areas served and unserved. The maps use on-the-ground Ookla Speedtest Intelligence records, categorizing speeds in four categories.¹⁹ An area is considered “served” if it meets the minimum of 25 Mbps download speed and 3 Mbps upload speed. The 25/3 Mbps speed is the federal standard, as defined by the

Federal Communications Commission (FCC) in 2015.²⁰ The FCC has proposed raising the minimum broadband speeds to 100 Mbps for downloads and 20 Mbps for uploads.²¹

The NEFCO region varies greatly in areas served and underserved. Generally, the more urbanized areas surrounding Akron and Canton have full accessibility. Rural areas of the region, including much of Wayne County, northeast Portage County, and southern, eastern, and western Stark County are unserved. Per BroadbandOhio, Summit County has the highest broadband accessibility with 94.8-percent of households having access to minimum speeds of 25/3 Mbps. Only 5.2-percent of households in Summit County are considered “unserved” (see Chart 10). In Portage County, 10.5-percent of households are unserved. In Stark County, 13.5-percent of households are unserved. Wayne County has the highest percent of unserved households, at 30.7-percent

Chart 10: Percent of Households without Access to Minimum 25/3 Mbps



Source: BroadbandOhio, 2021





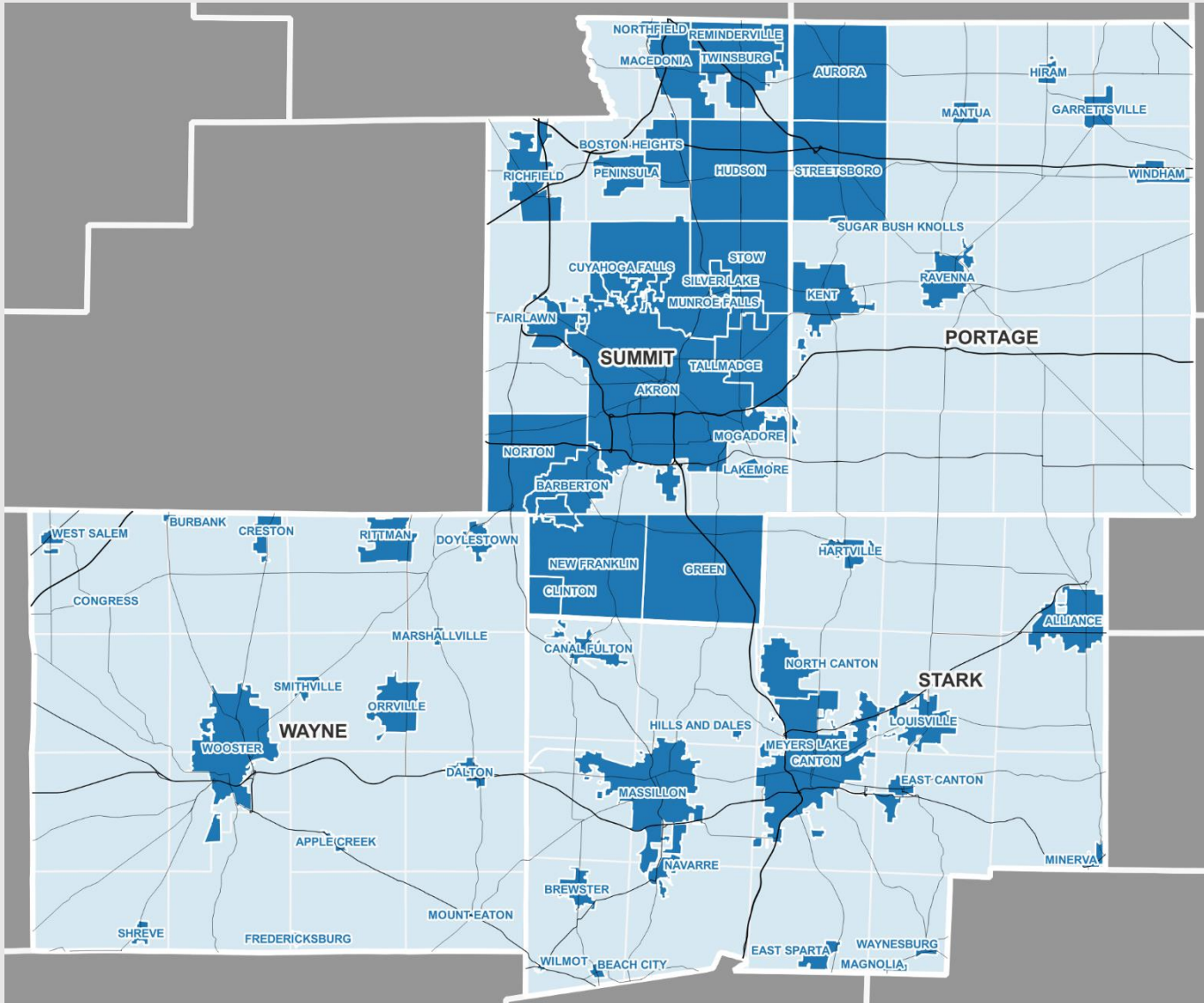
NEFCO Region

Member Counties: Portage, Stark, Summit, Wayne

Member Cities: Akron, Canton, Kent, Wooster

Established: 1974

Area: 2,036.8 sq. mi.



DEMOGRAPHICS



Population (2020)

1,193,966

2030 Proj. 2040 Proj.

1,162,450 1,143,650

Chg. '10-'20 Chg. '00-'20

0.00% 0.7%

Hhlds. (2020) % Minority

488,066 15.5%

EDUCATION/BROADBD.



Bachelor Deg. or Higher

28.0%

% HS Graduate % Associate

34.4% 8.3%

% Bachelor's % Grad./Prof.

17.6% 10.4%

HH Unsrvd (BB)²² Area Unsrvd (BB)²³

11.0% 35.4%

WORKFORCE/ECONOMICS



Labor Force (2020)

600,907

LF Part. Rate Per Cap. \$

63.9% \$52,725

Chg. LF ('10-'20) Poverty ('19)

-3.87% 12.6%

24mo. Unemp.²⁴ Food Insecurity

4.76% 12.4%

Portage County

County Seat: Ravenna Largest City: Kent (28,215)
Established: 1807 Area: 492.4 sq. mi.

DEMOGRAPHICS



Population (2020)

161,791

2030 Projection

158,930

2040 Projection

151,720

% Change ('10-'20)

0.23%

% Change ('00-'20)

6.0%

Median Age

38.3

% Minority

9.0%

ECONOMICS



Median Household Income

\$57,439

Per Capita Income

\$48,285

Food Insecurity²⁵

11.7%

Poverty (2019)

11.9%

Child Poverty ('19)

13.4%

HOUSING/BROADBAND²⁶



Median Home Value

\$159,200

Med. Year Built

1975

Vacancy Rate

10.6%

Ownership Rate

69.5%

Med. Gross Rent

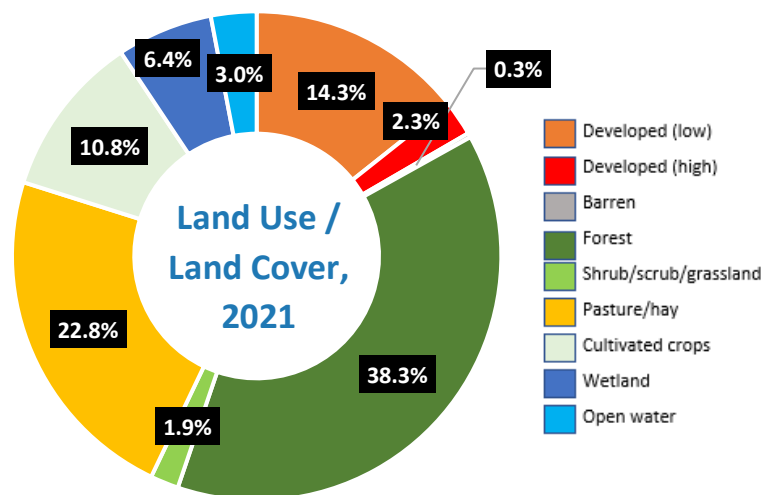
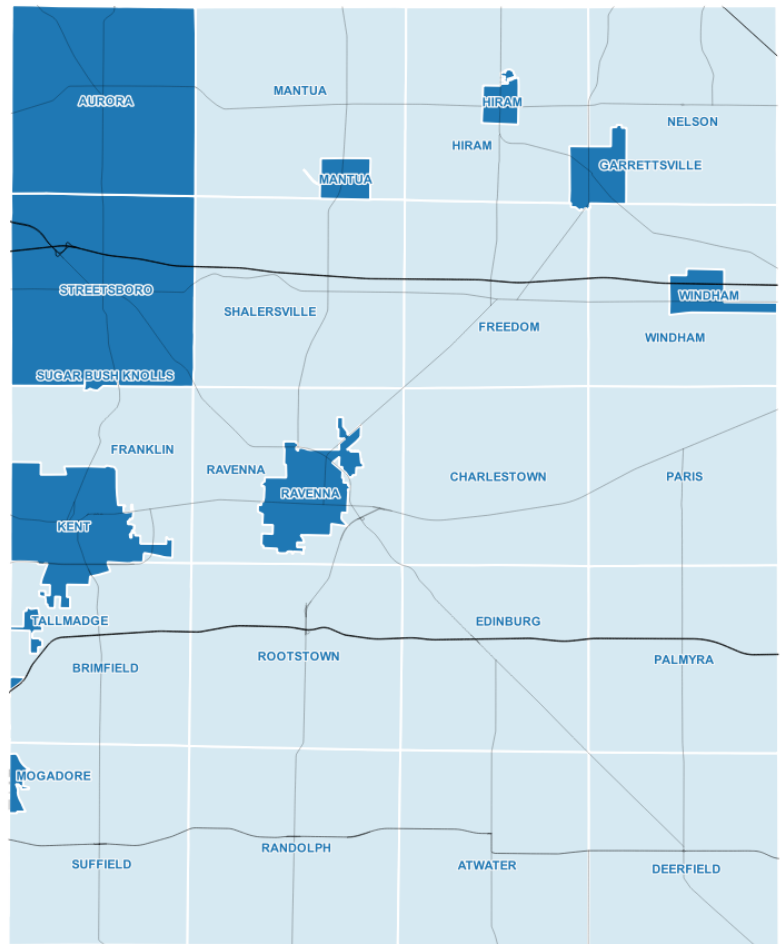
\$860

Hhds Unsrvd (BB)

10.5%

Area Unsrvd (BB)

25.6%



Portage County

County Seat: Ravenna Largest City: Kent (28,215)
Established: 1807 Area: 492.4 sq. mi.

WORKFORCE



Labor force (2020)

85,783

% Change ('10-'20)

-5.6%

Average Wage

\$48,285

24-mo. Unemploy.

7.3%

Mean Commute

25.7 min.

EDUCATIONAL ATTAINMENT



% Bachelor's Degree or Higher

29.0%

% HS Graduate

36.6%

% Associate

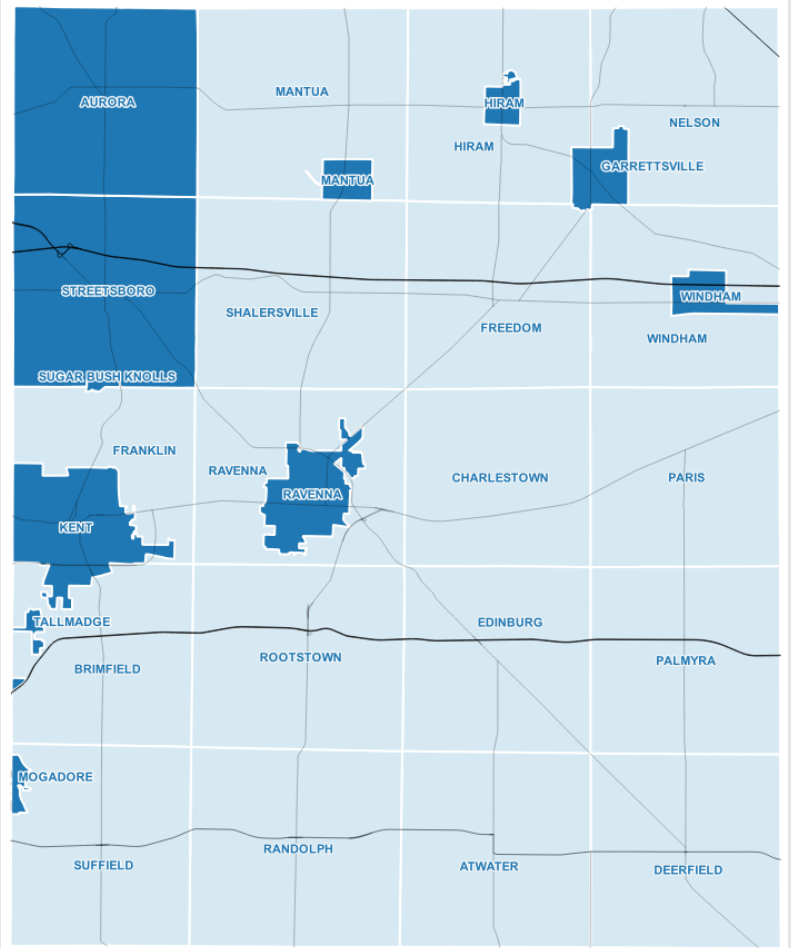
7.5%

% Bachelor's

17.6%

% Graduate/Prof.

11.4%



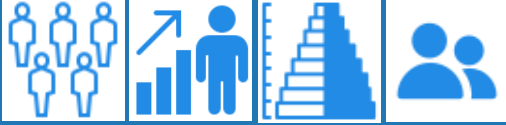
LARGEST INDUSTRIES (2021 NAICS)²⁷

Industry	Jobs	%	Average Annual Wage	
Manufacturing	10,072	19.2%	<div></div>	\$62,763
Retail Trade	6,833	13.1%	<div></div>	\$34,362
Health Care and Social Services	5,477	10.5%	<div></div>	\$40,407
Accommodation and Food Services	5,118	9.8%	<div></div>	\$18,547
Educational Services	3,504	6.7%	<div></div>	\$51,534
Wholesale Trade	2,979	5.7%	<div></div>	\$86,971
Construction	2,199	4.2%	<div></div>	\$63,318
Professional, Scientific, Tech. Svcs.	1,886	3.6%	<div></div>	\$74,100
Public Administration	1,830	3.5%	<div></div>	\$52,572
Other Services	1,403	2.7%	<div></div>	\$32,798

Stark County

County Seat: Canton Largest City: Canton (70,872)
Established: 1808 Area: 576.2 sq. mi.

DEMOGRAPHICS



Population (2020)

374,853

2030 Projection 2040 Projection

361,130

355,500

% Chg. ('10-'20)

-0.20%

% Chg. ('00-'20)

-0.90%

Median Age

42.1

% Minority

12.8%

ECONOMICS



Median Household Income

\$55,623

Per Cap. Income

49,592

Food Insec.²⁸

13.1%

Poverty (2019)

13.0%

Child Pov. ('19)

18.7%

HOUSING/BROADBAND²⁹



Median Home Value

\$134,300

Med. Year Built

1964

Vacancy Rate

8.0%

Ownership Rate

68.2%

Med. Gross Rent

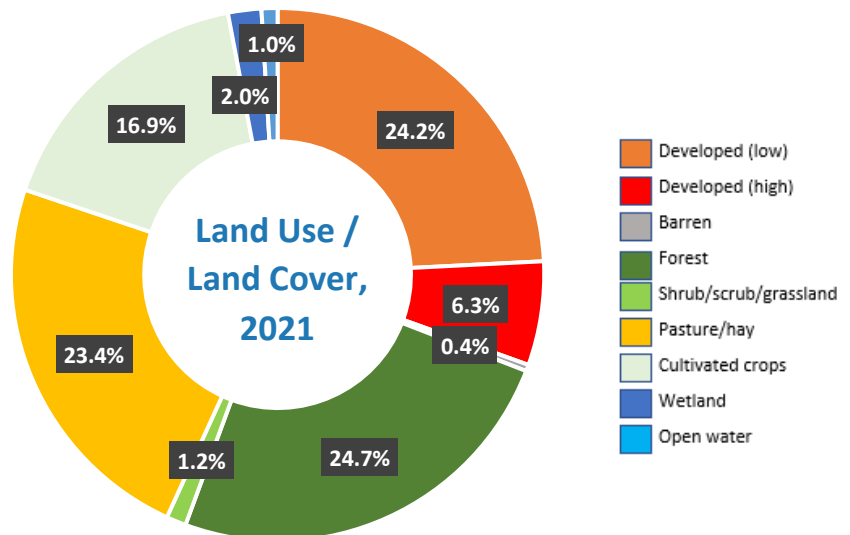
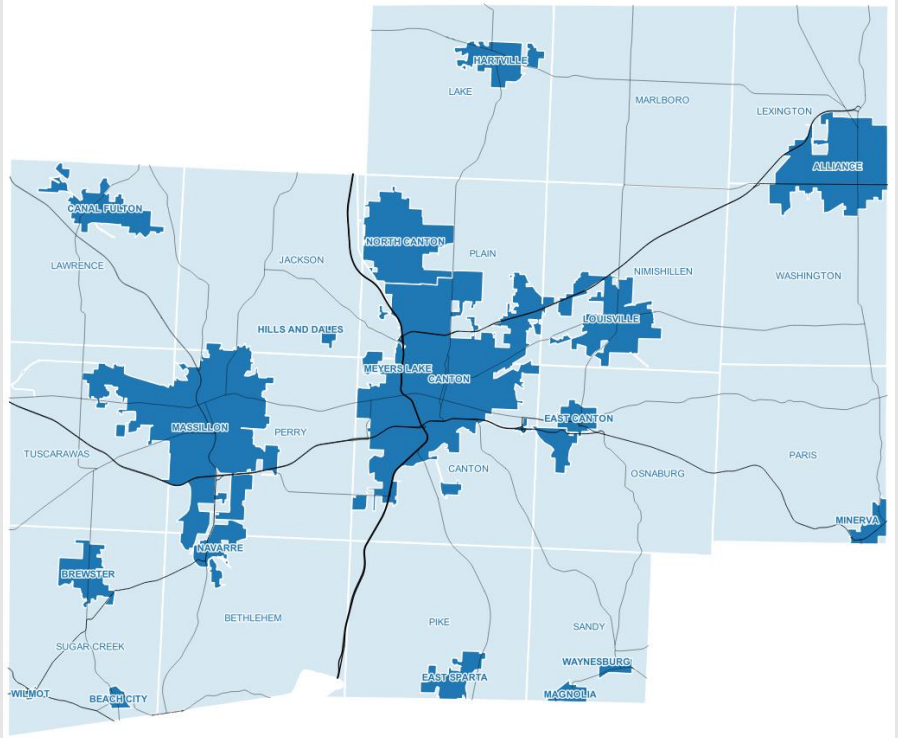
\$741

Hhds Unsrvd (BB)

13.5%

Area Unsrvd (BB)

39.0%



Stark County

County Seat: Canton Largest City: Canton (70,872)
Established: 1808 Area: 576.2 sq. mi.

WORKFORCE



Labor force (2020)

184,149

% Chg. ('10-'20) Average Wage

-4.2% \$4

Unemployment Mean Commute

8.1% 22.1 min.

EDUCATIONAL ATTAINMENT



% Bachelor's Deg. or Higher

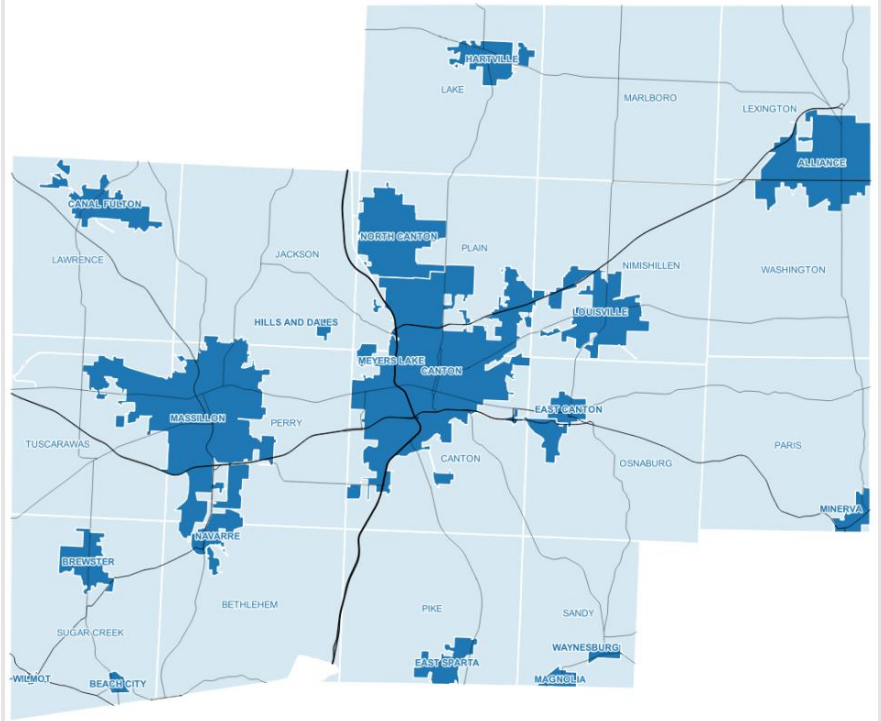
22.8%

% HS Graduate % Associate











38.2% 8.6%

% Bachelor's % Graduate/Prof.

14.5% 8.3%



LARGEST INDUSTRIES (2021 NAICS)

Industry	Jobs	%	Average Annual Wage	
Health Care and Social Services	27,758	18.2%		\$48,667
Manufacturing	24,088	15.8%		\$62,389
Retail Trade	18,505	12.1%		\$32,670
Accommodation and Food Services	15,221	10.0%		\$18,802
Educational Services	12,561	8.2%		\$44,197
Admin & Sup/Waste Mgt/Rem Svcs	8,619	5.6%		\$37,949
Construction	7,241	4.7%		\$64,556
Wholesale Trade	5,756	3.8%		\$63,182
Other Services	5,404	3.5%		\$32,030
Finance and Insurance	5,288	3.5%		\$70,115

Summit County

County Seat: Akron Largest City: Akron (190,469)
Established: 1840 Area: 412.8 sq. mi.

DEMOGRAPHICS



Population (2020)

540,428

2030 Projection

528,990

2040 Projection

523,190

% Change ('10-'20)

-0.25%

% Change ('00-'20)

-0.60%

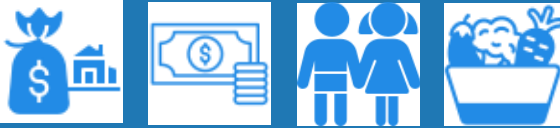
Median Age

38.3

% Minority

9.0%

ECONOMICS



Median Household Income

\$57,753

Per Capita Income

\$56,821

Food Insecurity³⁰

11.7%

Poverty (2019)

14.2%

Child Poverty ('19)

21.0%

HOUSING/BROADBAND³¹



Median Home Value

\$146,800

Med. Year Built

1965

Vacancy Rate

10.6%

Ownership Rate

69.5%

Med. Gross Rent

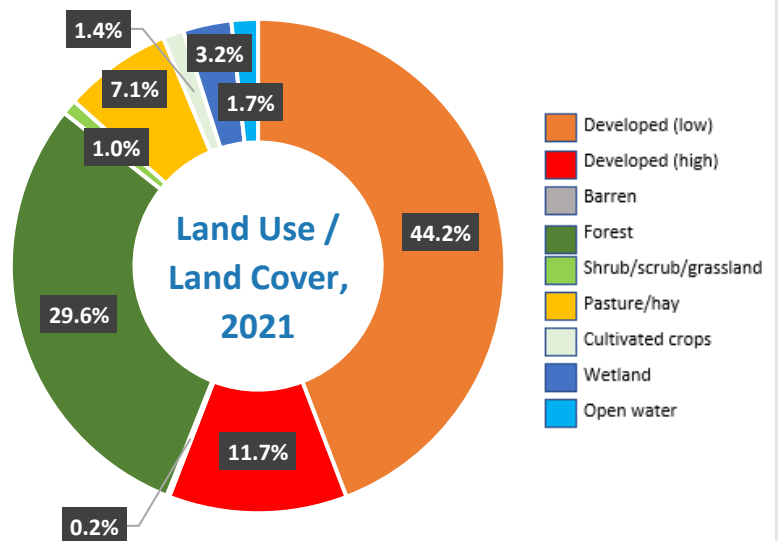
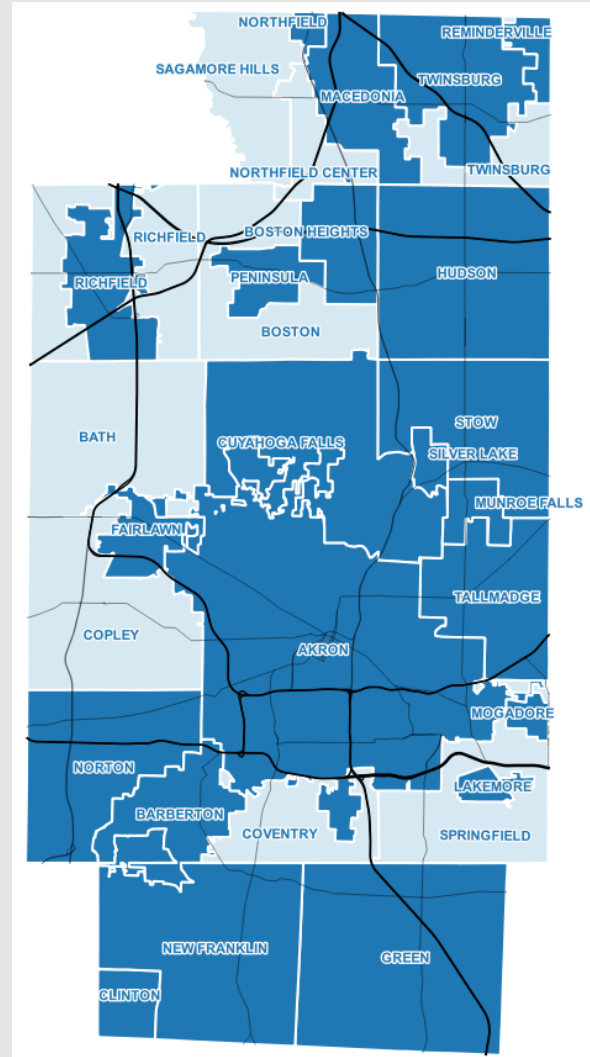
\$823

Hhds Unsrvd (BB)

5.2%

Area Unsrvd (BB)

10.7%



Summit County

County Seat: Akron Largest City: Akron (190,469)
Established: 1840 Area: 412.8 sq. mi.

WORKFORCE



Labor force (2020)

270,407

% Change ('10-'20)

-4.1%

Average Wage

\$48,285

Unemployment

8.2%

Mean Commute

25.7 min.

EDUCATIONAL ATTAINMENT



% Bachelor's Degree or Higher

32.5%

% HS Graduate

30.2%

% Associate

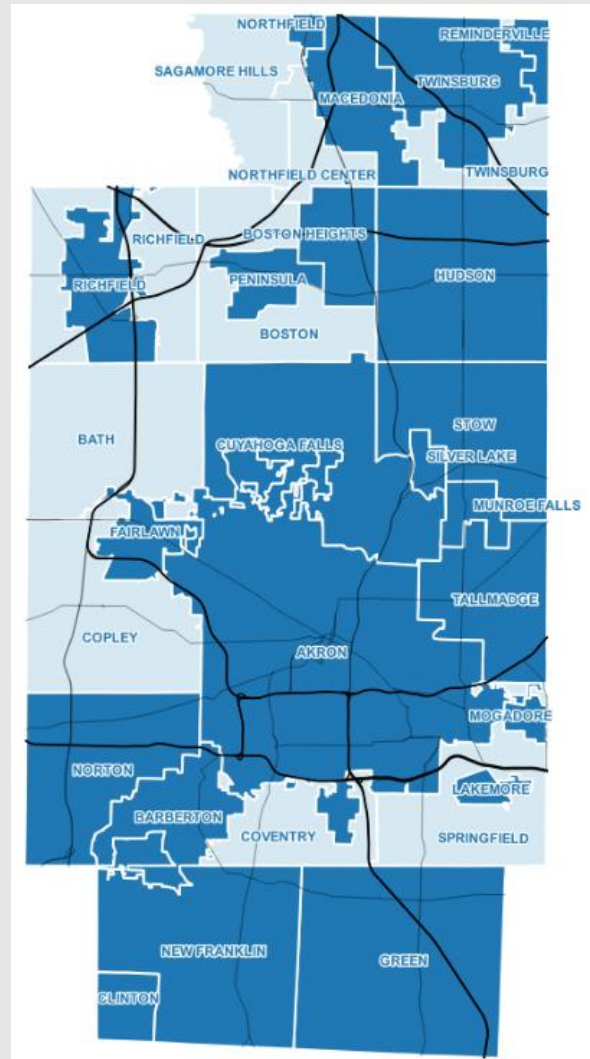
8.5%

% Bachelor's

20.6%

% Graduate/Prof.

11.9%



LARGEST INDUSTRIES (2021 NAICS)

Industry	Jobs	%	Average Annual Wage
Health Care and Social Services	44,927	17.6%	\$55,640
Retail Trade	28,051	11.0%	\$38,170
Manufacturing	26,932	10.6%	\$61,792
Accommodation and Food Services	19,880	7.8%	\$19,611
Admin/Supp/Waste Mgt./Rem Svcs	14,775	5.8%	\$37,729
Educational Services	14,701	5.8%	\$51,482
Transportation and Warehousing	13,752	5.4%	\$48,185
Professional, Scientific, Tech. Svcs.	13,723	5.4%	\$78,150
Management of Companies	13,035	5.1%	\$115,162
Wholesale Trade	12,339	4.8%	\$74,436

Wayne County

County Seat: Wooster Largest City: Wooster (27,232)
Established: 1796 Area: 555.4 sq. mi.

DEMOGRAPHICS



Population (2020)

116,894

2030 Projection

113,400

2040 Projection

113,240

% Chg. ('10-'20)

2.07%

% Chg. ('00-'20)

4.40%

Median Age

38.3

% Minority

9.0%

ECONOMICS



Median Household Income

\$58,747

Per Capita Income

\$49,901

Food Insecurity³²

11.0%

Poverty (2019)

9.9%

Child Poverty ('19)

13.9%

HOUSING/BROADBAND³³



Median Home Value

\$148,900

Med. Year Built

1974

Vacancy Rate

6.1%

Ownership Rate

73.0%

Med. Gross Rent

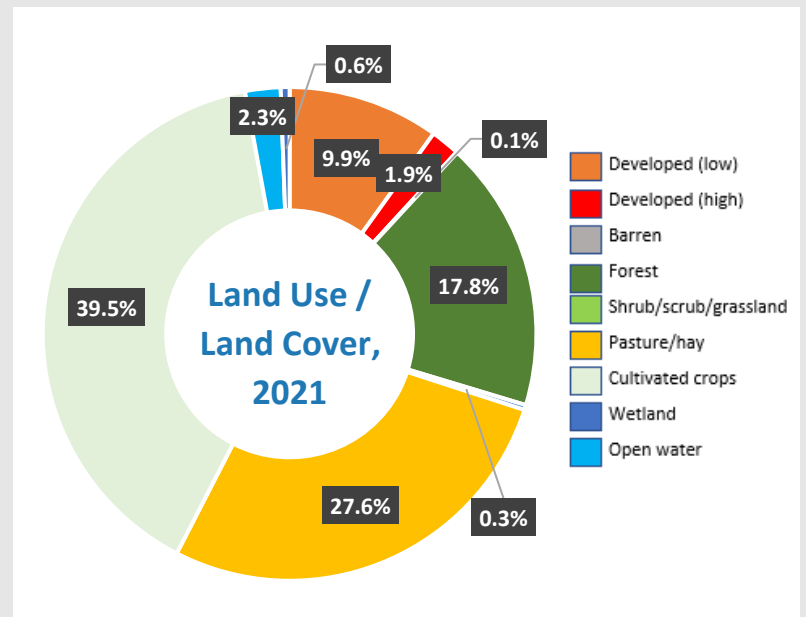
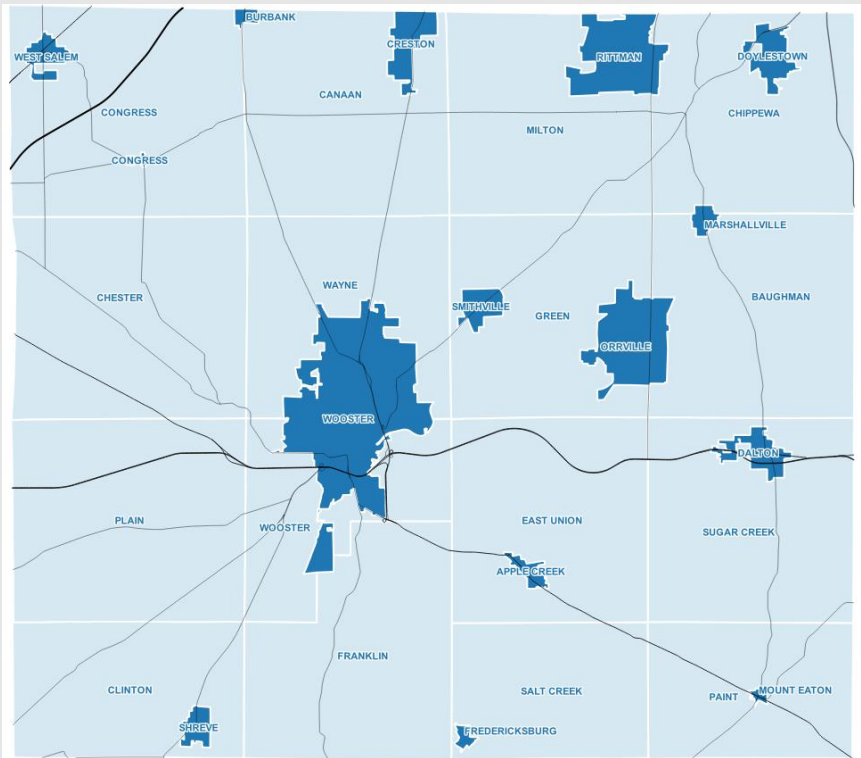
\$735

Hhds Unsrvd (BB)

30.7%

Area Unsrvd (BB)

58.3%



Wayne County

County Seat: Wooster Largest City: Wooster (27,232)
Established: 1796 Area: 555.4 sq. mi.

WORKFORCE



Labor force (2020)

60,568

% Chg. ('10-'20)	Average Wage
------------------	--------------

0.6%	\$48,285
------	----------

Unemployment	Mean Commute
--------------	--------------

5.9%	20.5 min.
------	-----------

EDUCATIONAL ATTAINMENT



% Bachelor's Deg. or Higher

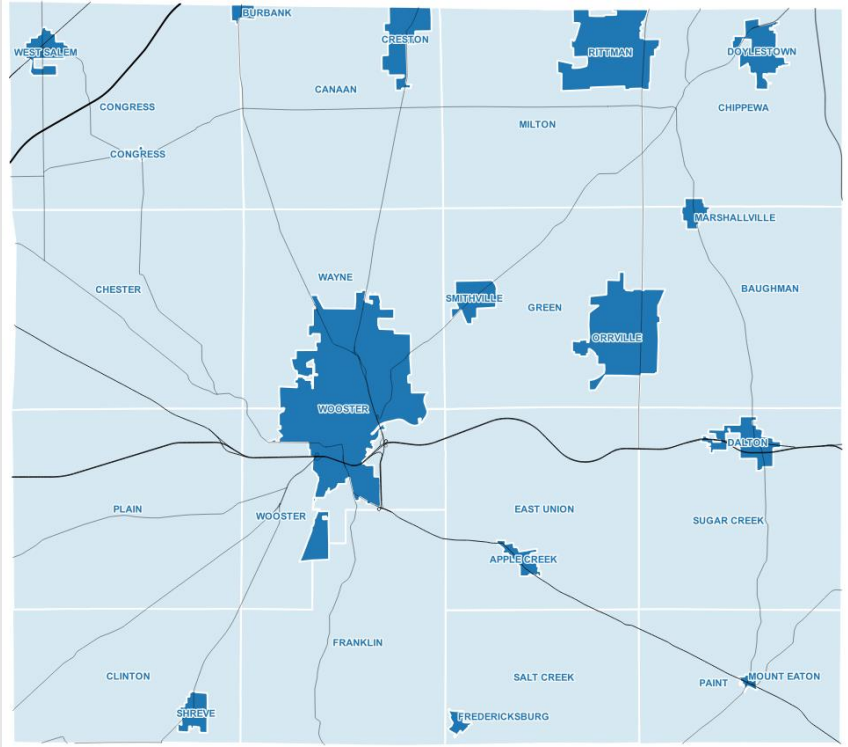
22.2%

% HS Graduate	% Associate
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39.0%	7.2%
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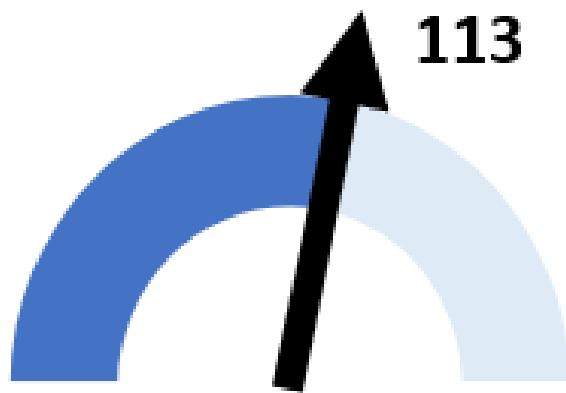
% Bachelor's	% Graduate/Prof.
--------------	------------------

13.6%	8.6%
-------	------



LARGEST INDUSTRIES (2021 NAICS)

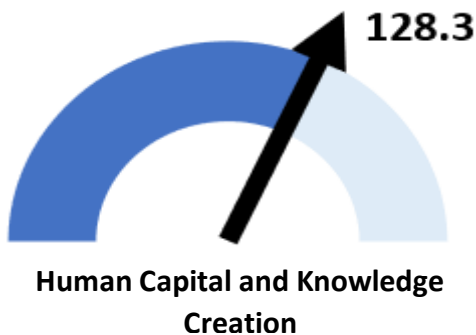
Industry	Jobs	%	Average Annual Wage	
Manufacturing	14,555	31.3%	<div></div>	\$67,634
Health Care and Social Services	6,321	13.6%	<div></div>	\$46,569
Retail Trade	4,886	10.5%	<div></div>	\$33,292
Educational Services	3,851	8.3%	<div></div>	\$43,470
Accommodation and Food Svcs.	2,941	6.3%	<div></div>	\$17,854
Construction	2,453	5.3%	<div></div>	\$56,359
Wholesale Trade	1,741	3.7%	<div></div>	\$65,187
Transportation and Warehousing	1,373	3.0%	<div></div>	\$51,483
Finance and Insurance	1,141	2.5%	<div></div>	\$70,408
Public Administration	1,129	2.4%	<div></div>	\$48,900



Overall Innovation Intelligence

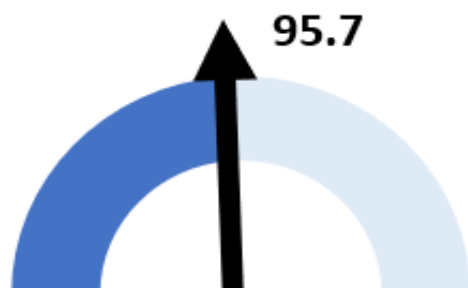
StatsAmerica developed the Innovation Index³⁴ as an analytic tool to help community leaders understand a region's weaknesses, strengths, and potential and help formulate strategic direction. The overall Innovation Intelligence Index is calculated from five core indices: three based on innovation inputs (Human Capital and Knowledge Creation; Business Dynamics; Business Profile) and two based on innovation outputs (Employment and Productivity; Economic Wellbeing). Each of these five core indices is equally weighted to calculate an overall composite index; additionally, each core index includes rankings on several subcategories. The average index value for a given Economic Development District (EDD) is 100. Values greater than 100 indicate the region is doing better than the average EDD; values lower than 100 indicate the region is

behind others in any given category. The composite Innovation Intelligence index for the NEFCO Region is 113. Nationally, the NEFCO Region ranks 140th out of 393 EDDs in overall Innovation Intelligence.



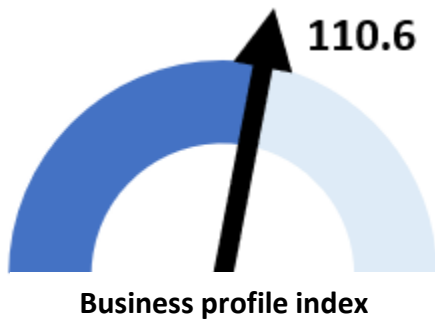
Human Capital and Knowledge Creation

The NEFCO Region ranks 74th in the Human Capital and Knowledge Creation Index. Of the five core indices, this is the strongest and highest ranking for the NEFCO Region. Patterns of establishment formation and composition indicate a moderate level of business competitiveness. Subcategory strengths include average high-tech industry employment share and university-based knowledge spillovers, which earn the NEFCO Region rankings of 46th and 21st nationally in these disciplines, respectively.

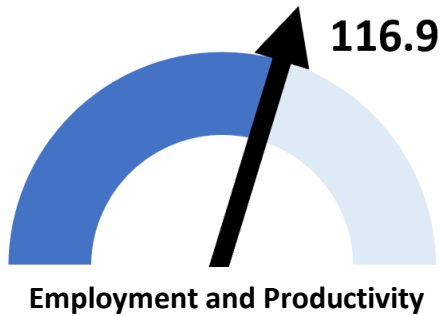


Business Dynamics

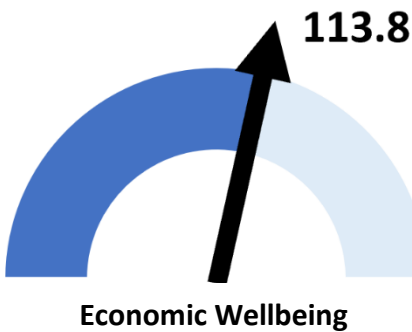
The NEFCO Region ranks 286th in the Business Dynamics Index. Of the five core indices, this is NEFCO's weakest, and lowest ranking. This indicates there's room for improvement in business competitiveness, jobs attributed to business establishment, change in establishment births to all establishments, and the establishment births-to-deaths ratio. For the average high-tech, early-in-life-cycle establishment ratio, the region ranks 78th. For the traded sector establishment births to all establishment ratio, the NEFCO Region ranks 199th.



The NEFCO Region ranks 90th in the Business Profile Index. This indicates the region has a moderate availability of resources for entrepreneurs and businesses. Subcategory strengths include latent innovation, and industry diversity, which are ranked 19th and 47th nationally, respectively.



The NEFCO Region is ranked 139th in the Employment and Productivity Index. Industry performance in the NEFCO Region indicates a moderate level of positive outcomes from existing economic activity. The region is particularly strong in patent diversity (ranked 79th nationally), while weaker in the job growth-to-population growth ratio (ranked 178th nationally).



The NEFCO Region is ranked 190th in Economic Wellbeing. This is the second-weakest area for the region. This index measures residential internet connectivity and income. Although the region is strong in broadband infrastructure and adoption (ranked 59th nationally), it is behind other regions in change in annual wage and salary earnings, per capita personal income growth, average unemployment, and average net migration.

The table below includes all the Innovation Intelligence subcategory values for the NEFCO Region.

INNOVATION INTELLIGENCE 113			
Human Capital and Knowledge Creation 128.3			
Educational Attainment	115.5	STEM Education and Occupations	151.2
High School Attainment	152.2	Tech.-Based Know. Occup. Clusters	157.3
Some College Attainment	83.6	Avg. Hi-Tech Indust. Employmt. Share	171.2
Associate Degree Attainment	80.5	Avg. Prime Working-Age Pop. Growth	120.5
Bachelor's Degree Attainment	132.1		
Graduate Degree Attainment	129		
Knowledge Creation and Technology Diffusion	126		
Patent Technology Diffusion	81.1		
University-Based Knowledge Spillovers	171		

Business Dynamics 95.6

Establishment Formation	97.7	Establishment Dynamics	93.4
Establishmt Births to All Establishmts Ratio	N/A	Establishmt Expan. to Contractions Ratio	98.1
Traded Sector Establishment Births to All Establishment Ratio	120.7	Establishment Births to Deaths Ratio	70.9
Jobs Attributed to Establishment Births to Total Employment Ratio	76.1	Traded Sector Births and Expansions to Deaths and Contractions Ratio	111.4
Change in Estab. Births to All Estab. Ratio	79		
Avg. High-Tech, Early-in-Life-Cycle Estab. Ratio	149.3		

Business Profile 110.6

Venture Capital Dollar Measures	106.2	Proprietorship	90
Change in Average Venture Capital	144.6	Farm Operators with Internet Access	105.2
Venture Capital Count Measures	127	Proprietorship Rate	80.3
Change in Average Venture Capital Deals	119.2	Change in Proprietorship Rate	84.3
Foreign Direct Investment Attractiveness	119	Proprietor Income to Total Wages and Salaries Ratio	90.4
FDI Employment Ratio, Foreign Source	119.6		
FDI Investment Ratio, Foreign Source	116.8		
FDI Employment Ratio, Domestic Source	117.2		
FDI Investment Ratio, Domestic Source	122.4		

Employment and Productivity 116.9

Industry Performance	186	Patents	132.8
Latent Innovation	188.7	Change in Average Patenting Rate	89.2
Industry Diversity	183.4	Patent Diversity	176.3
Industry Cluster Performance	67	Job Growth to Population Growth Ratio	126.1
Industry Cluster Growth Factor	69.5	Change in Share of High-Tech Industry Employment	98
Industry Cluster Strength	64.5		
GDP	91.6		

Economic Wellbeing 113.8

Compensation	100.1	Residential Internet Connectivity	179.3
Change in Annual Wage and Salary Earnings per Worker	83.4	Broadband Infrastructure and Adoption	178.3
Per Capita Personal Income Growth	96.9	Broadband Adoption Barriers	172.8
Average Poverty Rate	141.7		
Average Unemployment Rate	96.8		
Government Transfers to Total Personal Income Ratio	142.8		
Average Net Migration	50		



A strengths, weaknesses, opportunities, and threats (SWOT) analysis is an important assessment that identifies the NEFCO region's competitive advantages, as well as the multiple internal and external factors that impact the ability of the region to achieve its full potential.

GEOGRAPHY 	<ul style="list-style-type: none"> • Location in state, region, nation • Access to Midwest production belt; gateway to East Coast • Utility infrastructure • Transportation access (rail, interstate highways, waterways) • Abundant water supply • No major storms/outside disaster zones
WORKFORCE 	<ul style="list-style-type: none"> • Rich education partners for workforce development • Access to higher education and job training • Good public schools and world-class colleges/universities • Support organizations and opportunities for entrepreneurs • Proximity to working age population
INDUSTRY 	<ul style="list-style-type: none"> • Strong manufacturing sector; diverse manufacturing base • Diversity of economic base • Development of clusters/districts/zones for focused industries • Long-term business loyalty
ED ENVIRONMENT 	<ul style="list-style-type: none"> • Collaborative economic development ecosystem • Business friendly governments • Strong public-private partnerships • Strong efforts to support manufacturing and technology
QUALITY OF LIFE 	<ul style="list-style-type: none"> • High quality of life • Low cost of living; affordable housing • Access to quality medical care • Access to parks, recreation, community amenities



Weaknesses

WORKFORCE



- Lack of workforce; labor pool shrinking
- Lack of skilled employees
- Inability to attract younger generation
- Lack of structured trade school training at middle and high school level
- Lack of consistent quality of education within region

INFRASTRUCTURE



- Lack of industrial building inventory
- Lack of large/mega sites
- Old housing stock in urban areas
- Lack of accessible public transportation outside of larger cities
- Transportation improvements to support workforce and residents
- No hub airport, lack of international flights

GEOGRAPHY



- Weather
- Image, both inside and outside of region
- Poverty

ED ENVIRONMENT



- Lack of cooperation between larger cities/counties; intergovernmental relations
- Fictious and complicated political boundaries and govt structures
- Lack of harmonized/unbalanced tax structures
- Over-utilization and under-utilization of tax incentives; lack of strategic approach with tax incentives
- Public subsidy lacking transparency and accountability and creating disincentive for individual upward economic mobility
- Lack of benchmarking and analysis on true regional prosperity, costs



INDUSTRY



- Growth in leading manufacturing technologies
- Rubber/plastics/polymer cluster: maximizing what is already here
- Strength in health care sector
- Take advantage of electric vehicle industry; harness/strengthen industry in region with established companies by creating programs and funding support

WORKFORCE



- Attracting/retaining talent from universities
- Trades training available; could be introduced in middle school
- Work with schools and companies to invest in future workforce to create sustainable working environment and keep up with progressive skills

INFRASTRUCTURE



- Development of new buildings and sites
- Potential for public-private partnerships to build more housing and mass - transportation options for young adults
- Bring/attract air service to Akron-Canton Airport

GEOGRAPHY



- Strategic geographic location
- Intel supply chain/proximity to Intel site
- Ability to capitalize on rail/intermodal served areas
- Geographic access to “new mobility”
- Opportunity to market/brand region as a whole

ED ENVIRONMENT



- Collaborate on initiatives
- Ability to strengthen partnerships
- Create strong and cohesive economic development strategy
- Creation of clearinghouse of info on economic development tools; how these tools work and when it is, and not, appropriate to use and create economic benefit



INDUSTRY



- Lack of innovation
- Continue to compete with the South and Texas for attraction in manufacturing and advanced materials
- Remaining aspects of “old” economy

WORKFORCE



- Lack of talent/workforce
- Stagnant/declining, and aging population
- Retention of college grads/youth
- Impact of Intel site, out-migration of workforce; migration of talent to Columbus area
- Lack of consistent, high-quality K-12 workforce preparation
- Remote work and income tax revenue implications

INFRASTRUCTURE



- Available, developable land
- Old infrastructure
- Lack of buildings, sites (affects retention and attraction). Almost no inventory over 50,000 square feet

ED ENVIRONMENT



- Inability for public and private sectors to work concurrently and collaboratively
- Fractious political environment (township, city, county, special districts) offering different levels of service
- Relative apathy



In the wake of the COVID-19 pandemic, our region’s families, workers, businesses, and institutions continue to grapple with the numerous ways in which our economy has been impacted. The direct, and indirect, effects of the pandemic can be felt in every sector of our economy including manufacturing, agriculture, hospitality, and local government, and the recovery from these challenges has been uneven and mixed across communities and populations.

To address these challenges, NEFCO initiated the development of the Economic Recovery and Resiliency (ER&R) Plan³⁵. The ER&R Plan includes a comprehensive set of strategies and tactics to support the continued recovery and long-term resilience of our region. The ER&R Plan seeks to understand the impacts on our local economy and develop tools that support both short and long-term regional prosperity in the three key focus areas of **Community Development**, **Regional Business**, and **Workforce Development and Entrepreneurship**.

The ER&R Plan also serves as the resiliency component of the CEDS Plan. The strategies and tactics identified in the three focus areas will help drive regional recovery and resiliency over the next five years. NEFCO’s role and vision following the completion of the plan will be to engage with the identified partners across the region to collaboratively promote the implementation of the ER&R Plan strategies and tactics and to continually assess and refine the recommendations as our regional recovery progresses. By working closely with our communities, businesses, and stakeholders throughout the planning process, the ER&R Plan is poised to guide our region forward by strategically addressing our most pressing needs and challenges, while leveraging our strengths and successes to promote a prosperous and equitable future.



Community Development Strategies



Strengthen access to employment centers and job hubs by expanding transit service and developing innovative partnerships



Encourage Transit Oriented Developments that improve workers' access to both affordable housing and walkable transit connectivity



Promote the planning and development of multimodal transportation infrastructure that supports employment access for carless residents



Develop partnerships to improve access and awareness of housing assistance programs and resources to those in need



Evaluate modifications to local ordinances, processes, and standards that support the development, or redevelopment, of 'missing middle' market rate housing



Increase awareness of low-income eligible broadband internet programs to improve households' ability to work and learn remotely



Continue the planning and development of fiber broadband networks through innovative public-private partnerships



Workforce Development and Entrepreneurship Strategies

	Expand and promote childcare programs so workers are not forced to choose between employment or quality childcare
	Encourage workplace flexibility that meets the changing needs of the workforce, including hybrid work environments, flexible schedules, and paid training
	Build and replicate successful high school and vocational school training programs that target in-demand, high-quality careers
	Leverage resources and available funding to enhance private-sector workforce training programs and partnerships
	Expand outreach efforts to non-traditional entrepreneur sources, including community organizations, religious institutions, and others
	Focus training and mentorship programming to support the development of “loan-ready” entrepreneurs and small businesses



Expand and connect business owners to training resources that increase their financial literacy



Enhance coaching and mentoring programs to allow business owners to benefit from operational and strategic planning assistance



Expand regional dialogue and coordination of resources, including SBDCs, commercial real estate, and economic development entities



Promote the planning and implementation of business-facing fiber broadband infrastructure to offer a competitive advantage for businesses to expand their footprint or relocate to the region



Develop incentives that leverage the region's low cost-of-living to attract remote workers







Encourage flexibility and innovation in private employee benefit packages that enable and incentivize employee retention



Target Industries

NEFCO has identified the following target industrial sectors, which represent the region's top economic strengths. These sectors also represent emerging industries, which will define the region's economic health and growth for the next five years. The NEFCO General Policy Board and Regional CEDS Committee will support projects that further develop these primary and secondary industrial sectors.

Primary Industrial Sectors

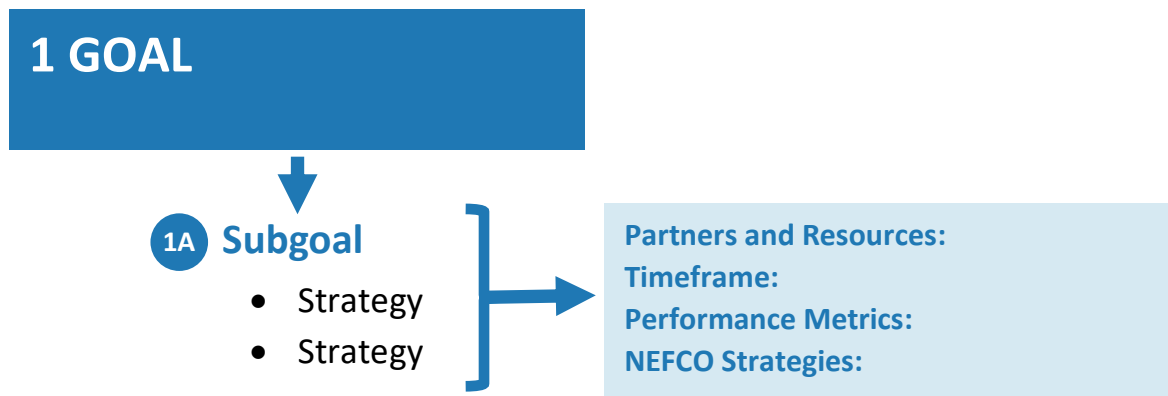
			
Advanced Manufacturing; Manufacturing 4.0	Advanced Materials (including polymers, chemicals, plastics, etc.)	Autonomous and Electric Vehicles; E-Mobility; Automotive	Health Care

Secondary Industrial Sectors

					
Agriculture; Agribusiness; Food-based Manufacturing, Products, and Processing	Energy	Information Technology	Logistics	Manufacturing	Research and Development



The CEDS Action Plan includes goals, subgoals, and strategies. Each subgoal includes a listing of partners and resources, timeframe for implementation, performance metrics, and applicable strategies NEFCO can employ to attain the subgoals. The organization of the Action Plan is illustrated below.



The Action Plan will guide the NEFCO regional economic development planning program over the next five years. The 2023-2028 CEDS Plan is intended to be a dynamic document and adapt to the needs of the region. Each year, NEFCO will evaluate the progress of the seven goals in the Annual Performance Report, which will be completed in 2024, 2025, 2026, and 2027. As conditions or regional priorities change, the Regional CEDS Committee may recommend additional goals or modifications to existing goals. New or modified goals will be added in the respective Annual Performance Report. The General Policy Board will approve the Annual Performance Reports, including any modified or new goals. A key to the successful attainment of these seven goals will require collaboration and engagement by both NEFCO and its partners.



CEDS Plan Goals



Address the supply chain and promote domestic production



Support programs that build human capital



Encourage development of industries that support Northeast Ohio's economic clusters



Promote redevelopment of blighted, underused, vacant, and environmentally challenged sites



Encourage investment in infrastructure and affordable housing



Support programs that diversify and build strong, resilient local and regional economies



Develop benchmarking to evaluate region's progress and competitiveness



Goal 1: Address the supply chain and promote domestic production

SUBGOALS

- 1A Analyze supply chain issues and opportunities for the region's target industrial sectors
- 1B Support policies and programs that encourage domestic/regional production
- 1C Support programming and partnerships designed to support small businesses engaged in supply chain and production
- 1D Support tech and tech-enabled startups that support and/or enhance supply chain and domestic production

1A Analyze supply chain issues and opportunities for the region's target industrial sectors

- Complete a review of supply chain risks, specific to NEFCO region, that are most important economically (i.e., health, safety, etc.).
- Create inventory of products most affected by supply chain deficiencies
- Create a list of local manufacturers that already produce identified products and share information with consumers.
- Prepare list of products not manufactured regionally, and determine how to create relationships with those producers
- Work with regional partners to create a list of Ohio companies with specific materials and services to support the supply chain needs

Partners and Resources: Local and regional economic development organizations, chambers of commerce, local governments, businesses

Timeframe: 2023-2025

Performance Metrics: Completed review of supply chain risks

NEFCO Strategies: Better understand supply chain deficiencies

1B Support policies and programs that encourage domestic/regional production

- Work with regional partners by utilizing federal, state, and local grants to improve local companies' production to combat the supply chain delay
- Encourage collaboration between businesses and regional universities
- Encourage use of the Foreign Trade Zone by middle or larger companies

Partners and Resources: Local governments, universities, businesses, local and regional economic development organizations

Timeframe: Ongoing

Performance Metrics: New programs or policies; growth in existing programs

NEFCO Strategies: Connect local governments to available resources

1C Support programming and partnerships designed to support small businesses engaged in supply chain and production

- Ensure programs are designed to ensure diversity, equity, inclusion, and access across small businesses and startups

Partners and Resources: Local and regional economic development organizations, local governments, businesses

Timeframe: Ongoing

Performance Metrics: New or improved programs and partnerships

NEFCO Strategies: Connect local governments to available resources

1D Support tech and tech-enabled startups that support and/or enhance supply chain and domestic production

- Ensure programs are designed to ensure diversity, equity, inclusion, and access across small businesses and startups

Partners and Resources: Business incubators and accelerators, local and regional economic development organizations

Timeframe: Ongoing

Performance Metrics: Number of supported startups and entrepreneurs

NEFCO Strategies: Provide technical assistance and support for EDA and other grant applications



Goal 2: Support programs that build human capital

SUBGOALS

- 2A Support the continued growth and success of programs that train or develop workers and entrepreneurs
- 2B Support programs and initiatives to improve upskilling and employee retention
- 2C Support efforts and programs aimed at retaining local college and high school graduates within the NEFCO region
- 2D Expand technical and vocational training opportunities and ensure youth enter workforce prepared
- 2E Support programs that promote diversity, equity, and inclusion

2A Support the continued growth and success of programs that train/develop workers and entrepreneurs

- Support business incubators and accelerators
- Increase awareness of services available at incubators and accelerators
- Encourage growth of successful workforce development programs; replicate where necessary
- Check into training programs and solicit trainers to come and regionally work with volunteer companies; track progress and outcomes

Partners and Resources: Local businesses, business incubators and accelerators, local and regional economic development organizations

Timeframe: Ongoing

Performance Metrics: Growth in startups and entrepreneurs; new training programs

NEFCO Strategies: Connect local governments and economic development organizations to available resources; provide technical assistance and support for EDA and other grant applications

2B Support programs and initiatives to improve upskilling and employee retention

- Provide paid training and other workforce development opportunities to employees
- Consider flexible schedules and other incentives to retain employees (i.e., childcare expense allowances, remote/hybrid work schedule, longevity bonuses, etc.)
- Continue to create a work-life environment to attract families to the region
- Encourage businesses to provide reduced/free transit fares for employees

Partners and Resources: Local and regional economic development organizations, transit authorities, regional businesses

Timeframe: 2023-2025

Performance Metrics: Number of participating businesses; new programs or incentives

NEFCO Strategies: Connect local governments to available resources; direct communities to NEFCO ER&R Plan strategies; ER&R Plan Implementation Committee

2C Support efforts and programs aimed at retaining local college and high school graduates within the NEFCO region

- Work to educate local high school and college students about the different industries in the region
- Support programming and partnerships designed to ensure more high school and collegiate students are entering STEM fields
- Work with business and industry leaders to recruit regional college and high school talent

Partners and Resources: High schools, vocational schools, local and regional economic development organizations, chambers of commerce, colleges, businesses

Timeframe: 2023-2025

Performance Metrics: Number of participating schools and students; new programs or initiatives

NEFCO Strategies: Connect local governments to available resources; direct communities to NEFCO ER&R Plan strategies; ER&R Plan Implementation Committee

2D Expand technical and vocational training opportunities

- Support existing programs at high schools, career centers, colleges, and community colleges that develop workforce and ensure youth enter workforce prepared
- Ensure students in STEM fields are connected to internship and early employment opportunities in tech fields and at tech companies of all sizes and shapes
- Work with regional universities and colleges to develop certificate and associate degree programs for in-demand trades and specializations
- Expand vocational and adult education opportunities and programs

Partners and Resources: High schools, vocational schools, technical schools, and colleges

Timeframe: 2023-2025

Performance Metrics: Additional programs and students, additional certification programs, job placement opportunities; growth in existing programs

NEFCO Strategies: Better understand high school and vocational school offerings around region; engage high school and vocational personnel in CEDS planning; ER&R Plan Implementation Committee

2E Support programs that promote diversity, equity, and inclusion

- Improve workforce development programs targeting underserved populations
- Work with local organizations that support re-entry, veterans, and immigrant populations to help improve the challenge they face entering workforce (including affordable housing)
- Provide companies with lists of organizations that support diverse populations (most organizations will allow companies to post job descriptions)
- Work with local governments to create cultural events, grocery stores, etc. to encourage various cultures to be attracted to the area.
- Work to have the appropriate support organizations in place to help specific populations thrive in the community and local companies

Partners and Resources: Local and regional workforce development organizations, economic development organizations, local governments

Timeframe: 2023-2025

Performance Metrics: new contacts reached; new organizations engaged

NEFCO Strategies: Provide technical assistance and support for EDA and other grant applications; ER&R Plan Implementation Committee





Goal 3: Encourage development of industries that support Northeast Ohio's economic clusters

SUBGOALS

- 3A Support projects that contribute toward strengthening the region's targeted industries
- 3B Support activities that complement targeted and other existing industries in the region
- 3C Capitalize on and expand existing regional industrial clusters (i.e., polymers, chemicals, plastics, etc.)
- 3D Encourage and support the development of speculative industrial buildings and properties
- 3E Provide support and funding to the local universities for development and research for the identified industry clusters
- 3F Support programming and partnerships focused on ensuring innovation and inclusion across NE Ohio's economic clusters, resulting in diversified, future-proof industries

3A Support projects that contribute toward strengthening the region's targeted industries

- Support projects that strengthen primary target industrial sectors (advanced manufacturing, advanced materials, autonomous and electric vehicles, and health care)
- Support projects that strengthen secondary target industrial sectors (agriculture and food products, energy, information technology, logistics, manufacturing, and research and development)

Partners and Resources: Local governments, economic development organizations, NEFCO

Timeframe: Ongoing

Performance Metrics: New projects, created or retained jobs, new private investment

NEFCO Strategies: Provide technical assistance and support for EDA and other grant applications

3B Support activities that complement targeted and other existing industries in the region

- Work with local governments to offer incentives to targeted industries

Partners and Resources: Local governments, local and regional economic development organizations

Timeframe: Ongoing

Performance Metrics: Jobs created and retained, new private investment

NEFCO Strategies: Provide technical assistance and support for EDA and other grant applications; Connect local governments to available resources

3C Capitalize on and expand existing regional industrial clusters (i.e., polymers, chemicals, plastics, etc.)

- Work with current local companies of the cluster to gauge needs for thriving in region
- Bring attention to clusters at national and international trade shows to entice more companies into the cluster
- Encourage local governments in the cluster to create list of available incentives for companies and residents

Partners and Resources: Local and regional economic development organizations, local governments

Timeframe: 2023-2025

Performance Metrics: Development of incentives list; new contacts created

NEFCO Strategies: Better understand clusters geographically through GIS

3D Encourage and support the development of speculative industrial buildings and properties

- Support development of speculative industrial buildings on vacant urban parcels
- Identify areas for future industrial building development

Partners and Resources: Local governments, local and regional economic development organizations, county land banks

Timeframe: Ongoing

Performance Metrics: Development of plan, speculative buildings constructed

NEFCO Strategies: Connect local governments to available resources

3E Provide support and funding to the local universities for development and research for the identified industry clusters

- Encourage collaboration between local governments, universities, and businesses on research and development

Partners and Resources: Universities, local and regional economic development organizations

Timeframe: Ongoing

Performance Metrics: New collaborations; new or expanded programs

NEFCO Strategies: Connect local governments, universities, and businesses to available resources

3F Support programming and partnerships focused on ensuring innovation and inclusion across NE Ohio's economic clusters, resulting in diversified, future-proof industries

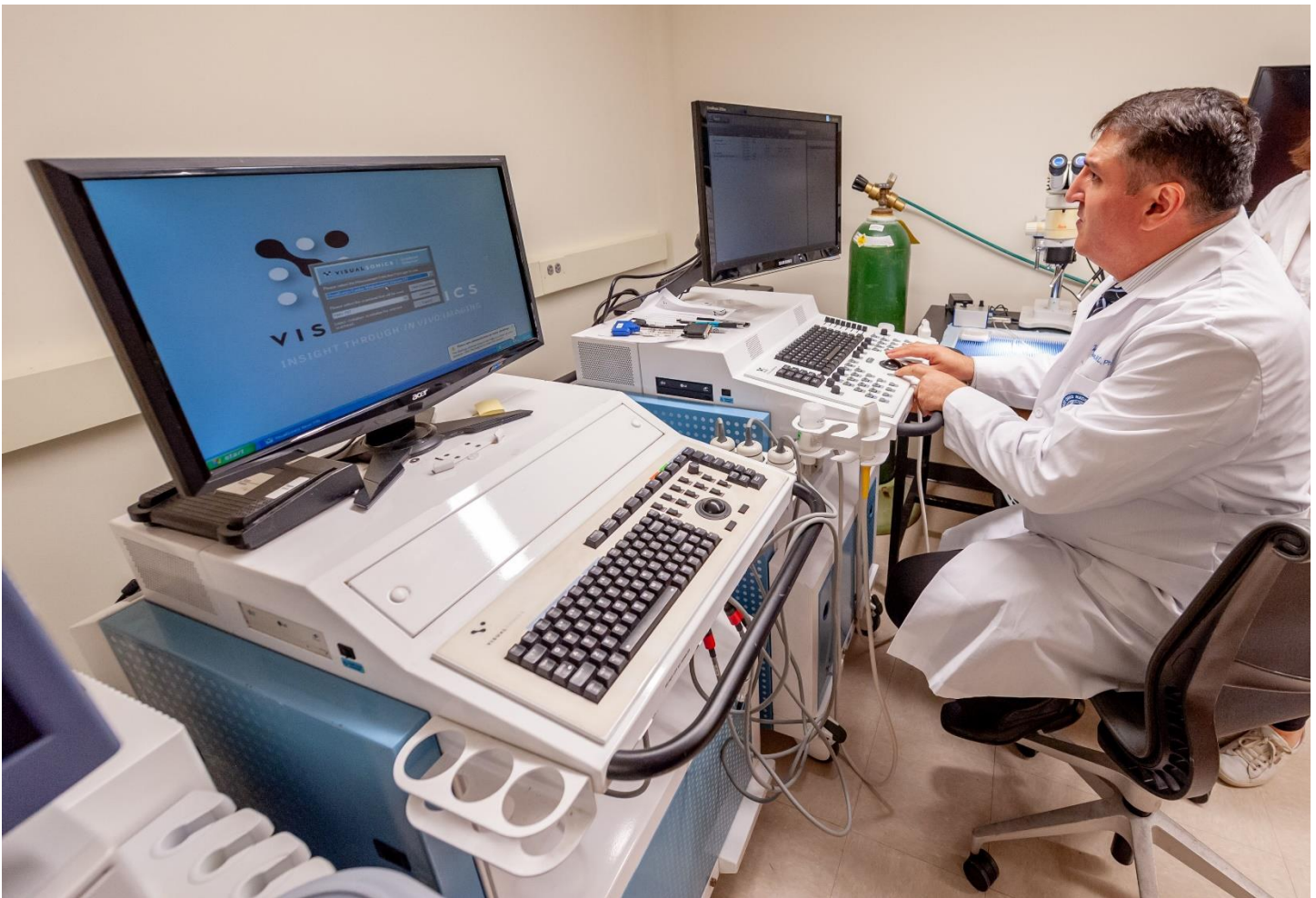
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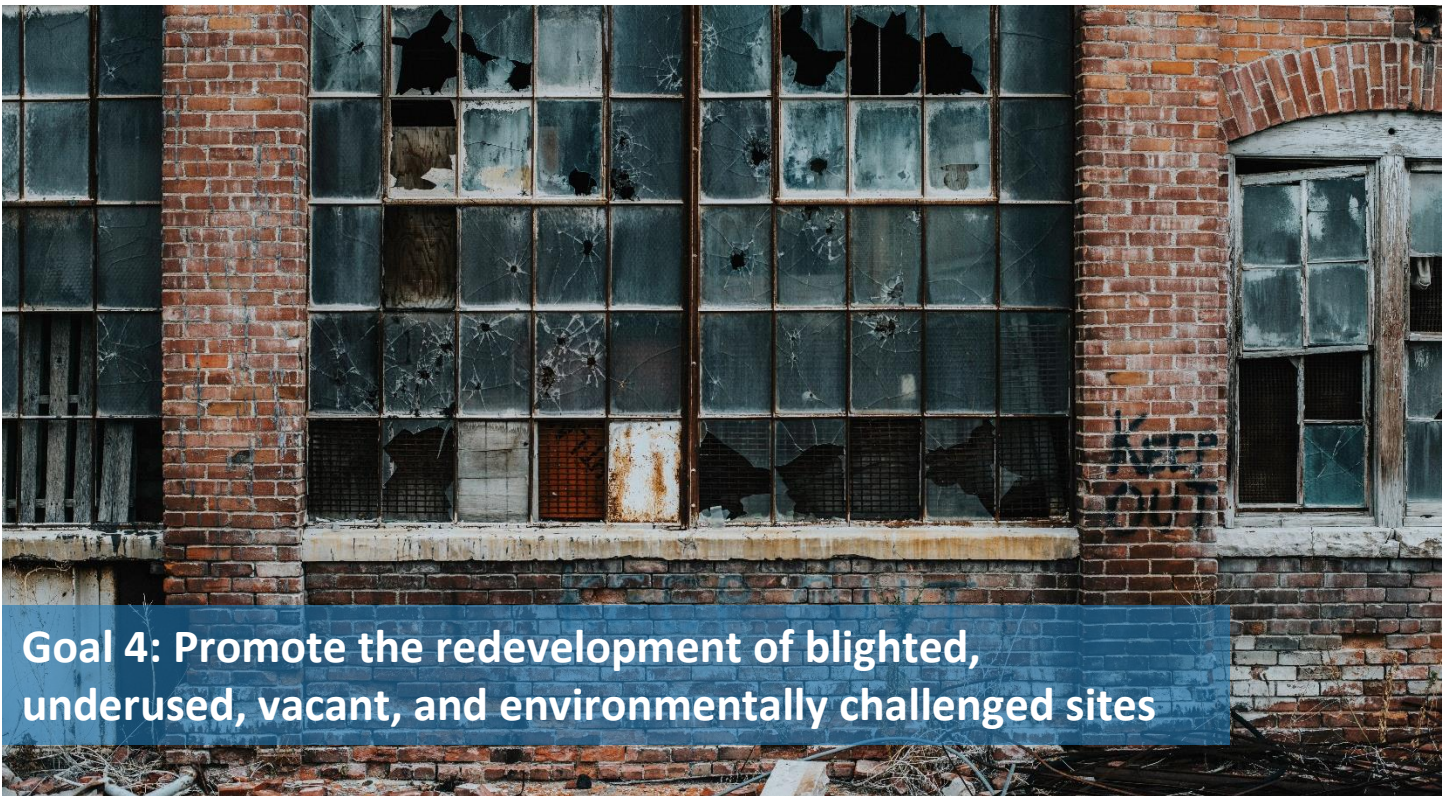
Partners and Resources: Local governments, local and regional economic development organizations, colleges and universities

Timeframe: Ongoing

Performance Metrics: New and expanded programs and partnerships

NEFCO Strategies: Provide technical assistance and support for EDA and other grant applications





Goal 4: Promote the redevelopment of blighted, underused, vacant, and environmentally challenged sites

SUBGOALS

- 4A Encourage counties and local governments to identify sites for brownfields assessments and cleanups
- 4B Redevelop/reuse vacant industrial sites for economic use
- 4C Encourage programs that support and pursue state and federal brownfields grant program
- 4D Work with county land banks to divest of vacant properties that have not been utilized within a certain timeframe
- 4E Designate priority areas for development

- 4A Encourage counties and local governments to identify sites for brownfields assessments and cleanups
 - Support local and regional brownfields redevelopment initiatives

Partners and Resources: Local governments, county land banks, NEFCO

Timeframe: Ongoing

Performance Metrics: Properties identified; list or strategic action plan developed

NEFCO Strategies: Provide technical assistance and support on Ohio Department of Development (ODOD) and USEPA brownfields grant applications; connect local governments to available resources; participate and support Vibrant NEO brownfields initiatives

- 4B Redevelop/reuse vacant industrial sites for economic use
 - Encourage brownfield grant and writing workshops
 - Pursue grant opportunities for brownfield assessment and cleanup

- Work with regional partners to create the appropriate marketing information on specific sites (to create awareness of additional needs to redevelop the space)
- Work to get federal, EPA, or local funds to improve the identified spaces
- Create a public-private partnership to redevelop older spaces

Partners and Resources: Local governments, county land banks, NEFCO

Timeframe: Ongoing

Performance Metrics: Grant workshops conducted, grant applications submitted and awarded, public-private partnerships developed

NEFCO Strategies: Organize brownfield grant and writing workshops; invite representatives from USEPA, ODOD, and other organizations to General Policy Board meetings to discuss competitive brownfields grant programs

4C Encourage programs that support and pursue state and federal brownfields grant programs

- Provide information to regional contacts on available brownfields grant programs via email
- Publish grants information on NEFCO website

Partners and Resources: NEFCO, local governments, county land banks

Timeframe: 2023-2024

Performance Metrics: Creation of grants webpage

NEFCO Strategies: Website grants information; NEFCO newsletters; email communications to contacts

4D Work with county land banks to divest of vacant properties that have not been used within a certain timeframe

- Develop inventory of vacant properties, including date of vacancy
- Adopt strategy for acquiring vacant properties

Partners and Resources: County and community land banks, local governments

Timeframe: 2023-2025

Performance Metrics: Completion of vacant property inventory and development of acquisition strategy

NEFCO Strategies: Better engage with county land banks to understand long-term strategies

4E Designate priority areas for development

- Support programs and partnerships providing incentives for small and middle-size businesses and startups to locate businesses in targeted priority areas; ensure incentives account for systemic inequity

Partners and Resources: Local governments, local and regional economic development organizations, businesses

Timeframe: Ongoing

Performance Metrics: New programs and partnerships; increased participation in existing programs

NEFCO Strategies: Better engage with county land banks to understand long-term strategies



Goal 5: Encourage investment in infrastructure and affordable housing

SUBGOALS

- 5A** Support efforts to bring affordable, high-speed, reliable broadband to unserved and underserved areas of the NEFCO region
- 5B** Expand transportation options that enhance employment and educational opportunities, particularly for economically disadvantaged populations (Equity)
- 5C** Support projects and encourage land use policies that improve and promote bike, pedestrian, and transit infrastructure
- 5D** Support projects and encourage land use policies that promote affordable housing
- 5E** Invest in sustainable, multimodal transportation infrastructure
- 5F** Invest in efforts to build new, affordable housing

5A Support efforts to bring affordable, high-speed, reliable broadband to unserved and underserved areas of the NEFCO region

- Support development of municipal and countywide efforts to expand broadband internet
- Encourage development of municipal broadband utilities
- Work with private internet service providers (ISPs) to provide affordable, reliable, high-speed internet with focus on underserved and unserved communities and the low-to moderate income census tracts
- Support digital equity that ensures all individuals and communities have the information technology capacity needed for full participation in modern economy
- Increase awareness of low-income eligible broadband internet programs

Partners and Resources: Local governments, ISPs, Ohio Association of Regional Councils, BroadbandOhio

Timeframe: Ongoing

Performance Metrics: Households contacted, additional households/areas served

NEFCO Strategies: Better engage internet service providers in CEDS planning; connect local governments to available resources; provide technical assistance and support for EDA and other grant applications; participate in Ohio Association of Regional Councils (OARC) Broadband Working Group; provide updates to local governments on BroadbandOhio funding opportunities

5B Expand transportation options that enhance employment and educational opportunities, particularly for economically disadvantaged populations

- Increase access to employment concentrations and job hubs by expanding transit services
- Explore innovative collaborative partnerships between employers and transit agencies

Partners and Resources: Regional transit authorities, local businesses

Timeframe: 2023-2025

Performance Metrics: Additional programs, transit ridership, and participating businesses

NEFCO Strategies: Better engage regional metropolitan planning organizations and transit authorities in CEDS planning; ER&R Implementation Committee

5C Support projects and encourage land use policies that improve and promote bike, pedestrian, and transit infrastructure

- Promote modifications to local building and subdivision regulations to encouraging bike and pedestrian facilities as well as connections to existing trails and parks
- Encourage transit-oriented development
- Encourage local businesses and industries to provide connections to sidewalks and trails through commercial site plan review process

Partners and Resources: Municipal and county planning commissions, AMATS, SCATS, local businesses, regional transit authorities

Timeframe: 2023-2025

Performance Metrics: Modified land use policies

NEFCO Strategies: Better engage regional metropolitan planning organizations and transit authorities in CEDS planning; ER&R Implementation Committee

5D Support projects and encourage land use policies that promote affordable housing

- Facilitate redevelopment of vacant buildings into affordable housing units
- Permit higher density residential development
- Modify local building and subdivision regulations to require certain affordability for percentage of developments

Partners and Resources: Municipal and county building departments and planning commissions

Timeframe: 2023-2025

Performance Metrics: Modified ordinances/resolutions

NEFCO Strategies: Better engage metropolitan housing authorities in CEDS planning; ER&R Implementation Committee; help connect communities and nonprofit organizations to grant opportunities

5E Invest in sustainable, multimodal transportation infrastructure

- Encourage development of trails and sidewalks
- Identify carpooling parking lots
- Identify and secure funding for heated bus shelters in populated areas

Partners and Resources: Local governments, AMATS, SCATS, municipal and county planning commissions

Timeframe: 2023-2025

Performance Metrics: Additional miles of trails and sidewalks

NEFCO Strategies: Better engage county and regional planning commissions in CEDS planning; participate on AMATS Connecting Communities Committee; ER&R Implementation Committee; help connect communities and nonprofit organizations to grant opportunities

5F Invest in efforts to build new, affordable housing

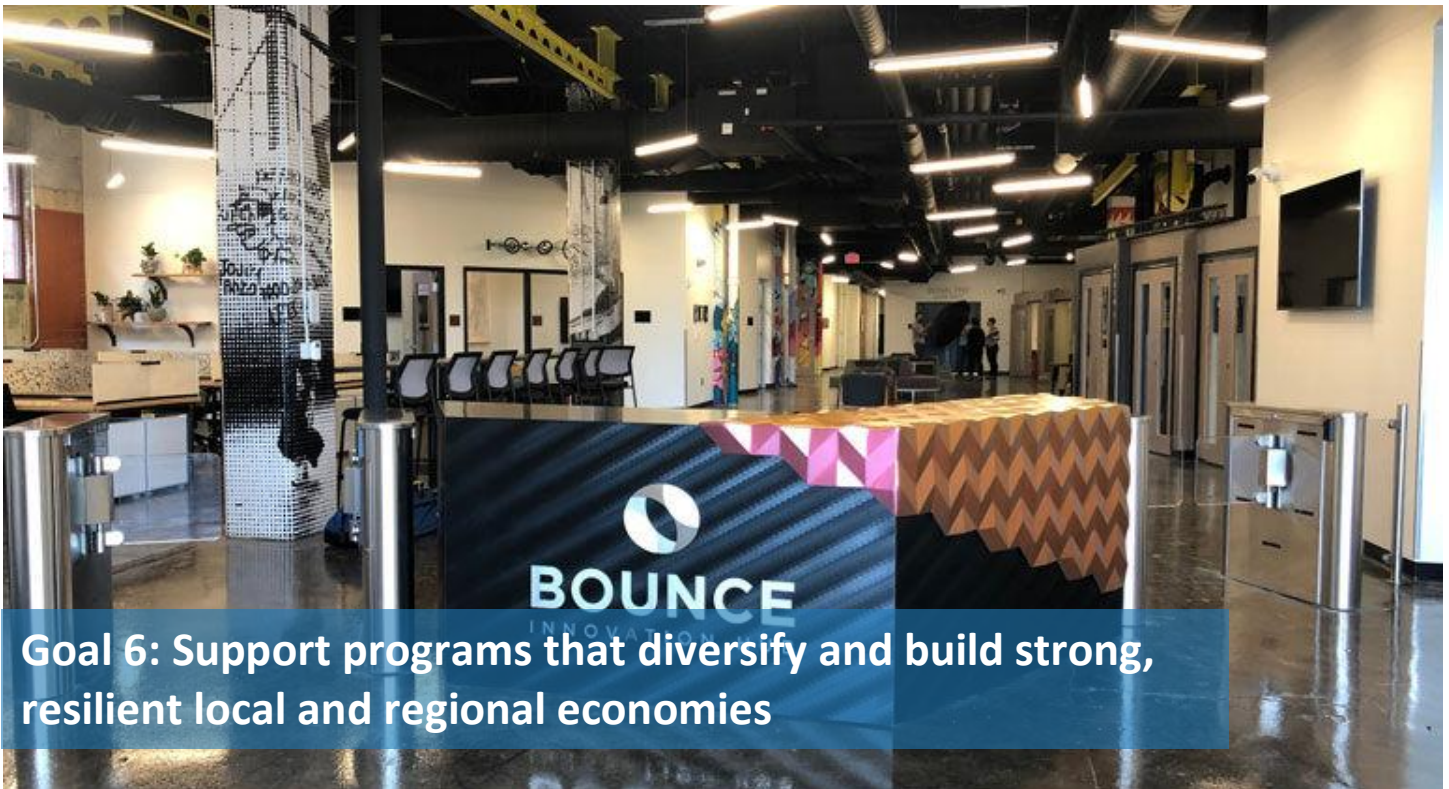
- Collaborate with metropolitan housing authorities, nonprofit housing organizations and developers
- Encourage communities to create mixed-income housing options

Partners and Resources: Local governments, municipal and county planning commissions, metropolitan housing authorities

Timeframe: 2023-2025

Performance Metrics: New housing units

NEFCO Strategies: Better engage metropolitan housing authorities in CEDS planning; ER&R implementation Committee; help connect communities and nonprofit organizations to grant



Goal 6: Support programs that diversify and build strong, resilient local and regional economies

SUBGOALS

- 6A Encourage programs and projects that create and retain jobs
- 6B Support efforts that will make the region more globally competitive
- 6C Support entrepreneurial and technological development
- 6D Improve access to capital for regional businesses in equitable manner

6A Encourage programs and projects that create and retain jobs

- Maintain regular business retention and expansion visits with companies
- Provide assistance and support to minority and women-owned businesses

Partners and Resources: Local and regional economic development organizations, local governments

Timeframe: Ongoing

Performance Metrics: Total number of created and retained jobs

NEFCO Strategies: Provide technical assistance and support for EDA and other grant applications; connect local governments to available resources

6B Support efforts that will make the region more globally competitive

- Support programming and partnerships focused on supporting all community members to fulfill their economic potential through business creation and growth
- Support programs and partnerships focused on ensuring all community members have access to the knowledge, tools, and resources needed to connect with opportunities in established and growing sectors

Partners and Resources: Workforce development organizations, local and regional economic development organizations, local governments

Timeframe: Ongoing

Performance Metrics: Total number of created and retained jobs

NEFCO Strategies: Encourage collaboration between community groups, workforce development organizations, and businesses; provide technical assistance and support for EDA and other grant applications

6C Support entrepreneurial and technological development

- Support entrepreneurs pursuing Main Street small businesses and tech and tech-enabled startup ventures
- Support efforts to encourage technology development and innovation in technology for regional companies

Partners and Resources: Business incubators and accelerators, venture development organizations, local and regional economic development organizations, local governments

Timeframe: Ongoing

Performance Metrics: Total startups and entrepreneurs supported

NEFCO Strategies: Help connect local governments to entrepreneurial resources; provide technical assistance and support for EDA and other grant applications

6D Improve access to capital for regional businesses in equitable manner

- Support efforts to address systemic inequities in lending practices to minority business loan applicants
- Improve financial literacy for business owners

Partners and Resources: Community development financial institutions (CDFIs), Small Business Administration

Timeframe: Ongoing

Performance Metrics: New loans to minority-owned businesses; new programs implemented

NEFCO Strategies: Better understand challenges faced by minority-owned businesses



SUBGOALS

- 7A Analyze data to establish benchmark
- 7B Review and adopt best practices from other regions
- 7C Better understand positive and negative factors impacting region's competitiveness
- 7D Assess regional equity
- 7E Develop metrics to evaluate regional progress

7A Analyze data to establish benchmark

- Compare affordability of housing to similar markets in U.S.
- Compare population growth to similar communities in U.S.
- Compare efforts for increasing human capital of similar communities/regions
- Continually meet with companies to gauge if programs, efforts, and funds are helping improve the community, region, and company's economic standing

Partners and Resources: Local and regional economic development organizations, local governments, NEFCO Regional CEDS Committee

Timeframe: 2023-2025

Performance Metrics: Development of benchmarking report

NEFCO Strategies: Convene Regional CEDS Committee quarterly; compile demographic and market data; develop summary report

7B Review and adopt best practices from other regions

- Research examples of successful methods and projects that have improved regional competitiveness

Partners and Resources: Local and regional economic development organizations, local governments, NEFCO Regional CEDS Committee

Timeframe: 2023-2025

Performance Metrics: Development of list of best practices

NEFCO Strategies: Convene Regional CEDS Committee quarterly; compile list of best practices

7C Better understand positive and negative factors impacting region's competitiveness

- Analyze socio-economic factors and other demographics
- Identify strengths, weaknesses, opportunities, and threats

Partners and Resources: Local and regional economic development organizations, local governments, NEFCO Regional CEDS Committee

Timeframe: 2023-2025

Performance Metrics: Development of list of positive and negative factors

NEFCO Strategies: Convene Regional CEDS Committee quarterly; compile list of positive and negative factors

7D Assess regional equity

- Support programs and partnerships addressing equity
- Analyze/research food deserts in NEFCO Region

Partners and Resources: Local and regional economic development organizations, local governments, NEFCO Regional CEDS Committee

Timeframe: 2023-2025

Performance Metrics: New programs or partnerships started/created

NEFCO Strategies: Better engage organizations addressing regional equity in CEDS planning

7E Develop metrics to evaluate regional progress

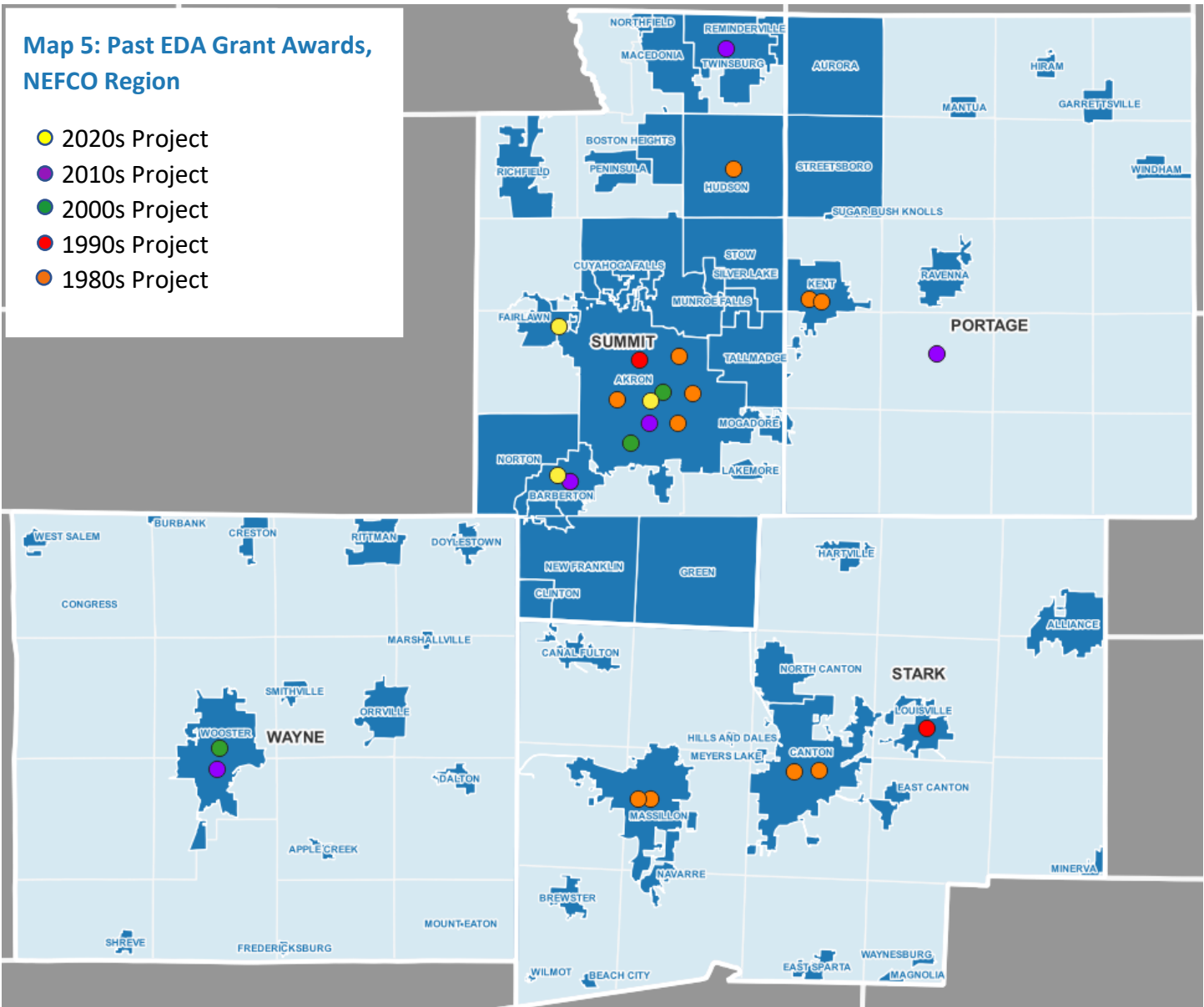
- Number of site searches and wins increases each year
- Identify opportunities for new programs and partnerships focused on regional collaboration and efficient leveraging of resources
- Identify and develop programs and partnerships measuring economic impact and outcomes

Partners and Resources: Local governments, economic development agencies

Timeframe: 2023-2028

Performance Metrics: New programs started/created; new collaborative programs developed

NEFCO Strategies: Convene Regional CEDS Committee quarterly; development of regional evaluation metrics



Source: Ohio Department of Transportation



Past EDA Grant Awards (1980-Present)

PORTAGE COUNTY

Project	Lead organization	Year	EDA investment
Northeast Ohio Medical University	Rootstown Township	2016	\$498,282
Kent Revolving Loan Fund	City of Kent	1988	\$148,800
Kent Infrastructure Improvements	City of Kent	1983	\$310,375

STARK COUNTY

Project	Lead organization	Year	EDA investment
Canton Discharge Pipeline	City of Canton	1999	\$1,000,000
Stark Development Board Revolving Loan Fund	Stark Development Board	1996	\$200,000
City of Louisville Water System Improvements	City of Louisville	1993	\$695,500
NOVA Technology Industrial Park	City of Massillon	1988	\$331,369
Stark Development Board Revolving Loan Fund	Stark Development Board	1987	\$480,000
Timken Faircrest Steel Mill Road Extension	City of Canton	1984	\$1,345,000
Finefrock Industrial Park	City of Massillon	1980	\$296,126

SUMMIT COUNTY

Project	Lead organization	Year	EDA investment
Bounce Innovation Hub Expansion and Renovation Project	City of Akron	2022	\$2,000,000
FairlawnGIG Expansion Planning Project	Summit County	2021	\$125,000
Barberton Revolving Loan Fund	Barberton Community Development Corporation	2020	\$1,045,000
Bounce Innovation Hub Regional Innovation Strategies	Bounce Innovation Hub	2019	\$300,000
Bounce Innovation Hub*	City of Akron	2016	\$2,520,000
Bounce Innovation Hub*	City of Akron	2014	\$2,520,000
Chrysler Twinsburg Stamping Plant Recovery Action Plan	City of Twinsburg, Summit County, NEFCO	2010	\$134,675
i6 Challenge Grant	Austen BioInnovation Institute in Akron, University of Akron Research Foundation	2010	\$1,000,000
Lakeside Innovation Business Park	Barberton Community Development Corporation	2010	\$1,598,250
Akron Industrial Incubator	City of Akron	2003	\$1,750,000
Massillon Road Industrial Park	City of Akron	2000	\$1,250,000
Akron Industrial Incubator	City of Akron	1993	\$1,177,500
Barberton Revolving Loan Fund	Barberton Community Development Corporation	1990	\$300,000
Roadway Sewer Development	City of Akron	1985	\$1,100,000
Ohio Bell Telephone Computer Center	City of Akron	1983	\$693,000



Project	Lead organization	Year	EDA investment
Sweitzer Avenue Industrial Improvements	City of Akron	1980	\$1,900,000
Goodyear Technical Center Infrastructure Improvements	City of Akron	1980	\$1,000,000

WAYNE COUNTY

Project	Lead organization	Year	EDA investment
BioHio Master Plan	Ohio Agricultural Research and Development Organization	2013	\$71,321
Pounden Hall	OARDC/OSU	2006	\$744,091

NEFCO REGION

Project	Lead organization	Year	EDA investment
MAGNET Build Back Better Regional Challenge, Phase 1	MAGNET	2021	\$500,000
Resilient NEO Sprint Challenge	MAGNET, JumpStart, Youngstown Business Incubator, TeamNEO	2021	\$703,378
NEFCO Economic Recovery and Resiliency Planning	NEFCO	2020	\$400,000
JumpStart, Inc.; Regional Innovation Program	JumpStart, Inc.	2017	\$300,000
TeamNEO; Economic Adjustment Implementation	TeamNEO	2013	\$499,954
Speed-to-Market Accelerator	NorTech, JumpStart, MAGNET, Lorain Community College	2011	\$2,062,945
NorTech	NorTech	2011	\$913,000
NorTech Advanced Energy Cluster Development	NorTech	2010	\$300,000
JumpStart, Inc.; Economic Adjustment Investments	JumpStart, Inc.	2010	\$1,500,000
JumpStart, Inc.; Economic Adjustment Investments	JumpStart, Inc.	2008	\$1,500,000
JumpStart, Inc.; Economic Adjustment Investments	JumpStart, Inc.	2006	\$735,000
Partnership Planning Grants	NEFCO	1980-2025	\$2,250,000

TOTAL			\$38,324,566
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*Grant returned to EDA

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Charts:

1. NEFCO Region Population (1950-2020)
2. County Populations (1950-2020)
3. Age Distribution, 2020
4. 24-month Unemployment Rates
5. 24-month Unemployment Rates, NEFCO Cities
6. Labor Force Participation Rate (2011-2022)
7. Poverty Rate, 2019
8. Child Poverty Rate, 2019
9. Food Insecurity Rate, 2020
10. Percent of Households without Access to Minimum 25/3 Mbps

Maps:

1. NEFCO Region Municipalities
2. FEMA National Risk Index, 2021
3. General Land Use, 2011
4. Disadvantaged Census Tracts in NEFCO Region, 2022
5. Past EDA Grant Awards, NEFCO Region

NEFCO Board Resolution

Resolution No. FY2023-005

RESOLUTION OF THE NORTHEAST OHIO FOUR COUNTY REGIONAL PLANNING AND DEVELOPMENT ORGANIZATION (NEFCO) GENERAL POLICY BOARD ADOPTING THE 2023-2028 COMPREHENSIVE ECONOMIC DEVELOPMENT STRATEGY AND AUTHORIZING ITS SUBMITTAL TO THE U.S. DEPARTMENT OF COMMERCE, ECONOMIC DEVELOPMENT ADMINISTRATION

WHEREAS, the NEFCO region continues to undergo significant changes in the structure of its economy; and

WHEREAS, the NEFCO General Policy Board in conjunction with its 127 local units of government has formulated a regional economic development strategy entitled the *2023-2028 Comprehensive Economic Development Strategy (CEDS)*; and

WHEREAS, the U.S. Department of Commerce, Economic Development Administration (EDA), has designated the NEFCO region as an Economic Development District (EDD) based on the incidence of regional economic distress and the existence of the CEDS; and

WHEREAS, NEFCO receives funding from the EDA under the Partnership Planning Grant program to provide comprehensive economic development planning services to the region; and

WHEREAS, under the EDA Partnership Planning Grant, NEFCO is required to submit a new CEDS, in accordance with 13 C.F.R. §§ 303.6 and 303.7, at least every five years, to maintain its EDD designation and the region's eligibility for EDA funding; and

WHEREAS, all counties within the region have contributed to the formulation of the *2023-2028 Comprehensive Economic Development Strategy*; and

WHEREAS, the Regional CEDS Committee has provided significant input in the development of the *2023-2028 Comprehensive Economic Development Strategy*; and

WHEREAS, the *2023-2028 Comprehensive Economic Development Strategy* includes goals, implementation strategies, and performance metrics for regional prosperity and resiliency; and

WHEREAS, a draft of the *2023-2028 Comprehensive Economic Development Strategy (CEDS)* has been posted on NEFCO's website for a 30-day public review period; and

WHEREAS, NEFCO General Policy Board approval of the *2023-2028 Comprehensive Economic Development Strategy* is required by the EDA.

NOW THEREFORE, BE IT RESOLVED that the NEFCO General Policy Board adopts the *2023-2028 Comprehensive Economic Development Strategy*, its goals and strategies, and authorizes the submission of the report to the Economic Development Administration.

Certified as action taken by the NEFCO
General Policy Board at its regular meeting
of January 18, 2023

A handwritten signature in black ink, appearing to read "Todd Peetz", is written over a horizontal line.

Todd Peetz, Secretary
NEFCO General Policy Board

References

- ¹ NEFCO 2018 Comprehensive Economic Development Strategy, <https://www.nefcoplanning.org/documents/2018-ceds/>, Northeast Ohio Four County Regional Planning and Development Organization, 2018
- ² NEFCO Economic Recovery and Resiliency Plan, <https://www.nefcoplanning.org/documents/economic-recovery-resiliency-plan-final/>, Northeast Ohio Four County Regional Planning and Development Organization, 2022
- ³ CEDS Central, www.cedscentral.com, National Association of Development Organizations Research Foundation
- ⁴ StatsAmerica, Big Radius Tool, <https://www.statsamerica.org/radius/big.aspx>
- ⁵ Akron Metropolitan Area Transportation Study, Transportation Outlook 2045, <http://amatsplanning.org/wp-content/uploads/DRAFT-Transportation-Outlook-2045-v0.2.pdf>
- ⁶ Stark County Area Transportation Study, Moving Stark Forward 2050, <https://storymaps.arcgis.com/stories/689130c52b344c439f84b149b25544be>
- ⁷ Fortune 500 companies, Ohio, <https://fortune.com/fortune500/search/?hqstate=OH>
- ⁸ Team NEO, <https://fortune.com/fortune500/search/?hqstate=OH>
- ⁹ Team NEO, <https://northeastohioregion.com/county/stark/>
- ¹⁰ Team NEO, <https://northeastohioregion.com/county/summit/>
- ¹¹ Team NEO, <https://northeastohioregion.com/county/wayne/>
- ¹² Ohio Department of Development, https://devresearch.ohio.gov/reports_countytrends_map.htm
- ¹³ Feeding America, Overall Food Insecurity, <https://map.feedingamerica.org/county/2020/overall/ohio>
- ¹⁴ National Economic Resilience Data Explorer, Economic Development District Edition, Argonne National Laboratory, <https://www.anl.gov/dis/nerde-economic-development-district-dashboard>
- ¹⁵ National Risk Index, Federal Emergency Management Agency, <https://www.fema.gov/flood-maps/products-tools/national-risk-index>
- ¹⁶ Ohio Brownfield Inventory Database, Ohio Environmental Protection Agency, <http://epawwwextp01.epa.ohio.gov:8080/ords/epaxp/f?p=109:1:0>
- ¹⁷ Climate and Economic Justice Screening Tool, White House Council on Environmental Quality, <https://screeningtool.geoplatform.gov/en/#8.76/40.6227/-81.3295>
- ¹⁸ Climate and Economic Justice Screening Tool methodology, White House Council on Environmental Quality, <https://screeningtool.geoplatform.gov/en/methodology#13.13/41.05302/-81.10198>
- ¹⁹ BroadbandOhio, <https://broadband.ohio.gov/view-maps/ohios-broadband-availability-gaps/ohios-broadband-availability-gaps>
- ²⁰ Broadband Speed Guide, Federal Communications Commission, <https://www.fcc.gov/consumers/guides/broadband-speed-guide>
- ²¹ FCC calls 25 Mbps 'broadband' speed. The push is on to up it to 100, *The Washington Post*, <https://www.washingtonpost.com/technology/2022/07/19/fcc-broadband-new-definition-100mbps/>
- ²² Households unserved by broadband (25/3 Mbps), Broadband Ohio, <https://broadband.ohio.gov/view-maps/ohios-broadband-availability-gaps/ohios-broadband-availability-gaps>
- ²³ Area unserved by broadband (25/3 Mbps), Broadband Ohio, <https://broadband.ohio.gov/view-maps/ohios-broadband-availability-gaps/ohios-broadband-availability-gaps>
- ²⁴ 24-month average unemployment rate ending September 2022, Bureau of Labor Statistics
- ²⁵ Feeding America, 2021 Overall Food Insecurity, <https://map.feedingamerica.org/county/2020/overall/ohio>
- ²⁶ Broadband Ohio, Broadband Profile, https://broadband.ohio.gov/static/countyprofiles/Portage%20County_BBOH.pdf
- ²⁷ North American Industry Classification System (NAICS), U.S. Census Bureau, <https://www.census.gov/naics/>
- ²⁸ Feeding America, 2021 Overall Food Insecurity, <https://map.feedingamerica.org/county/2020/overall/ohio>
- ²⁹ Broadband Ohio, Broadband Profile, https://broadband.ohio.gov/static/countyprofiles/Portage%20County_BBOH.pdf
- ³⁰ Feeding America, 2021 Overall Food Insecurity, <https://map.feedingamerica.org/county/2020/overall/ohio>
- ³¹ Broadband Ohio, Broadband Profile, https://broadband.ohio.gov/static/countyprofiles/Portage%20County_BBOH.pdf
- ³² Feeding America, 2021 Overall Food Insecurity, <https://map.feedingamerica.org/county/2020/overall/ohio>
- ³³ Broadband Ohio, Broadband Profile, https://broadband.ohio.gov/static/countyprofiles/Portage%20County_BBOH.pdf
- ³⁴ Innovation Intelligence Index, StatsAmerica, <https://www.statsamerica.org/innovation/>
- ³⁵ NEFCO Economic Recovery and Resiliency Plan, <https://www.nefcoplanning.org/documents/economic-recovery-resiliency-plan-final/>, Northeast Ohio Four County Regional Planning and Development Organization, 2022