

CITY OF THE FUTURE

City of Cleveland

*A Presentation for
Cuyahoga County
Community College*



CITY OF CLEVELAND
Mayor Frank G. Jackson



Quick Facts About Cleveland

- Population:
 - 396,815 Cleveland Proper
 - 2,881,937 Cleveland Metro Area
- An emerging leader:
 - public-private partnerships
 - downtown revitalization
 - transit oriented development
 - Manufacturing innovation
 - urban renaissance



Mayor Jackson's Vision

Promote Cleveland as a center for product design, product innovation and productivity process improvements to help industry continue its evolution and development to new markets and higher value output



Mayor Jackson's Vision

- Cleveland *will* be recognized as a city of technology
- Cleveland will become a model of sustainability over the next 10 years
 - Nearly 700 people from across greater Cleveland and the nation came together for a 3-day Sustainability 2019 Summit
 - Focused on “Building an Economic Engine to Empower a Green City on a Blue Lake”
 - The groups continue to meet and implement their strategies



Why Cleveland?

- Location and Accessibility
- Workforce
- Funding Opportunities
- Finding Your Site
- Anchor Institutions
- Bright Future- Exciting Upcoming Projects
- Life in the City



Location & Accessibility

- Centrally located in most populated region in the US
- In 2004 ranked 1st in Midwest, 4th in US as location for Logistics Management
- Cleveland is within one day drive time or two hours of air travel of 50% of US population
- Excellent highway infrastructure



Highway Access



Location & Accessibility

■ Access to Nation-Wide rail system



Location & Accessibility

- Port of Cleveland and Lake Erie Provide Maritime Shipping Access to Great Lakes, Canada & Atlantic Ocean



Location & Accessibility

- Hopkins International Airport Provides Business Travel & Air Shipping Capabilities



Access to Critical Resources

- **Water**
 - Lake Erie, The 5 Great Lakes & The Cuyahoga Valley watershed
- **Energy**
 - Redundant power sources
 - Leading electric power resources
 - Access to municipal power
 - Easy access to gas, oil, coal + other energy sources
- **Transportation/Logistics Among Best in US**



**Cleveland
Public
Power**



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Expedited Communications

- One of top 3 Digital Communities in US (Intel)
- Only U.S. Area named “Intelligent Community”
- Large concentration of digital communication fiber due to convergence of railroad lines
- OneCommunity initiative- building high-speed fiber optic network in Northeast Ohio as the center of the Midwest



Reduced Threat of Business Interruption

- Virtually free of natural disasters that can create costly work stoppage
- No major hurricanes, tornados, floods, fires, landslides, earthquakes, avalanches, etc



Talented Workforce

World class companies have created a talented labor pool.



Partnerships, higher education & best practices have been established to meet job requirements



Colleges and Universities

- **29 colleges and universities nourish talent pool**
- **175,000 students**
- **26,000 BA/BS degrees awarded annually**



Cleveland State University



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Manufacturing Workforce Training

More than 25 specialty programs in the region



OHIO TECHNICAL COLLEGE



CUYAHOGA VALLEY
CAREER CENTER

POLARIS

Cuyahoga
Community
College

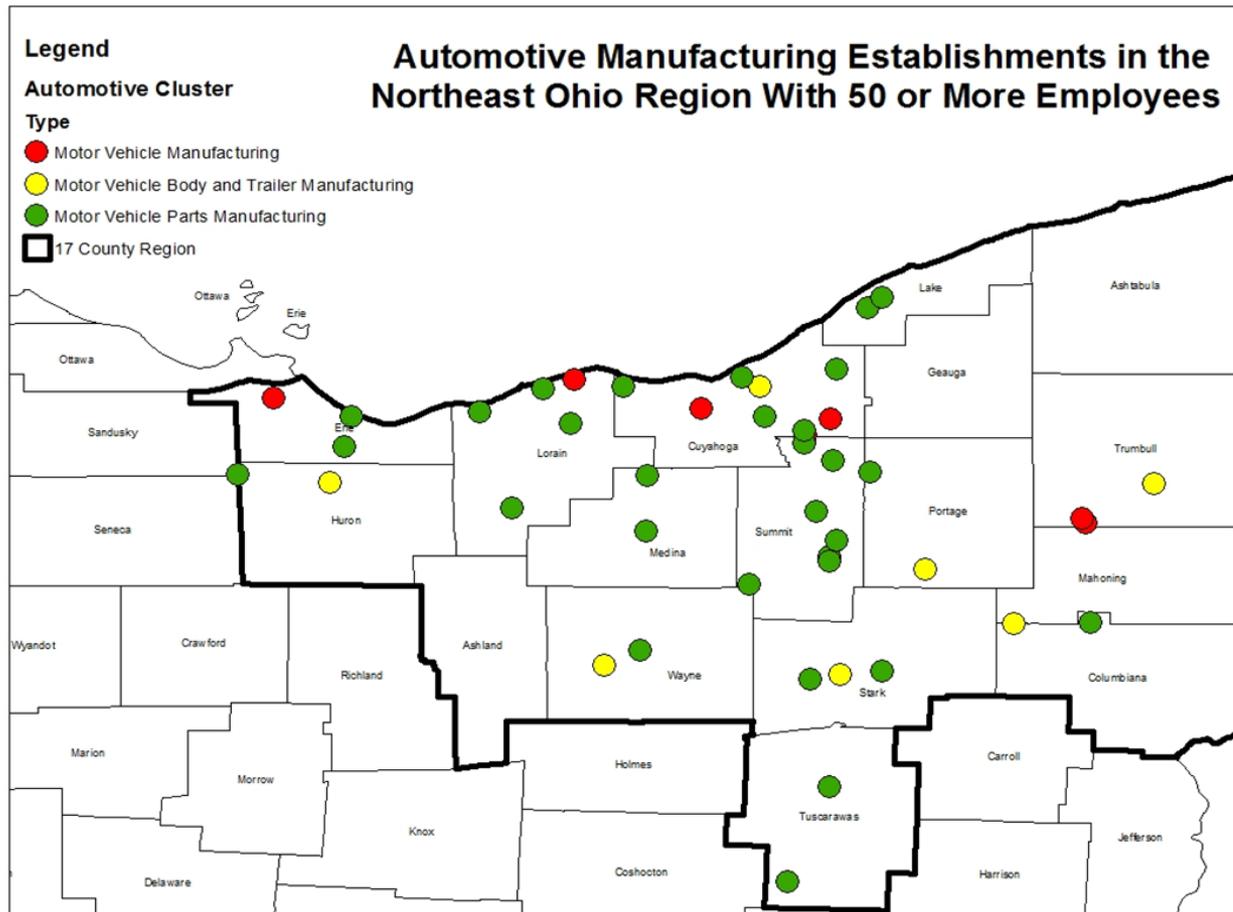


Advanced
Manufacturing
Programs



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Automotive Cluster



*Source: OneSource.com and Mohr Partners



- Below is a list of education intensive occupations in the automotive manufacturing industries.
- Many of these occupations are present, in large numbers, throughout the region.

Education Intensive Occupations in the Automotive Manufacturing Industries

| SOC code | Occupation Title | Employees Within Industry (17 County Region) | Percentage of Industry's Employees | Total Employees Across All Industries (17 County Region) | Starting Wage (2011) | Mean Annual Wage (2010) |
|----------|---|--|------------------------------------|--|----------------------|-------------------------|
| 51-4041 | Machinists | 646 | 3.36% | 10,447 | \$30,597 | \$38,030 |
| 51-9061 | Inspectors, testers, sorters, samplers, and weighers | 608 | 3.16% | 8,111 | \$15,000 | \$35,770 |
| 51-4111 | Tool and die makers | 378 | 1.96% | 2,673 | \$37,440 | \$49,080 |
| 17-2112 | Industrial engineers | 398 | 2.07% | 3,442 | \$25,833 | \$72,790 |
| 49-9042 | Maintenance and repair workers, general | 341 | 1.77% | 20,153 | \$34,424 | \$35,470 |
| 51-4121 | Welders, cutters, solderers, and brazers | 556 | 2.89% | 7,179 | \$27,726 | \$34,600 |
| 51-4122 | Welding, soldering, and brazing machine setters, operators, and tenders | 253 | 1.32% | 1,159 | \$28,704 | \$37,740 |
| 51-2022 | Electrical and electronic equipment assemblers | 232 | 1.20% | 2,738 | \$23,920 | \$27,580 |
| 17-2141 | Mechanical engineers | 289 | 1.50% | 3,654 | \$31,667 | \$77,750 |
| 49-9041 | Industrial machinery mechanics | 266 | 1.38% | 5,206 | \$30,160 | \$45,460 |
| 17-2199 | Engineers, all other | 198 | 1.03% | 2,125 | N/A | \$88,230 |
| 47-2111 | Electricians | 251 | 1.31% | 7,057 | \$20,000 | \$55,100 |

*Cells in grey were derived from hourly wages assuming a 40 hour work week.

* This Information was found by taking the sum of the three different automotive manufacturing industries used in this study.

*These numbers are estimates based on employment data and national industry technical coefficients, by occupation.

*Data received from Economy.com, the Bureau of Labor Statistics and Team NEO



Anchor Institutions

- Anchor institutions are large economic drivers that remain constant in our community.
- Many businesses seek to co-locate with these institutions
- Cleveland Anchor Institutions:
 - Cleveland State University
 - Case Western Reserve University
 - University Hospitals
 - Cleveland Clinic
 - NASA
 - Cuyahoga Community College
 - St. Vincent's Hospital
 - Metro Hospitals



A Taste of the Future: Upcoming Projects

- Cleveland Health-Tech Corridor
- Uptown Redevelopment- \$200 million dollars around University Circle
- Horseshoe Casino approved by Ohio voters in 2009
- Redevelopment of the lakefront

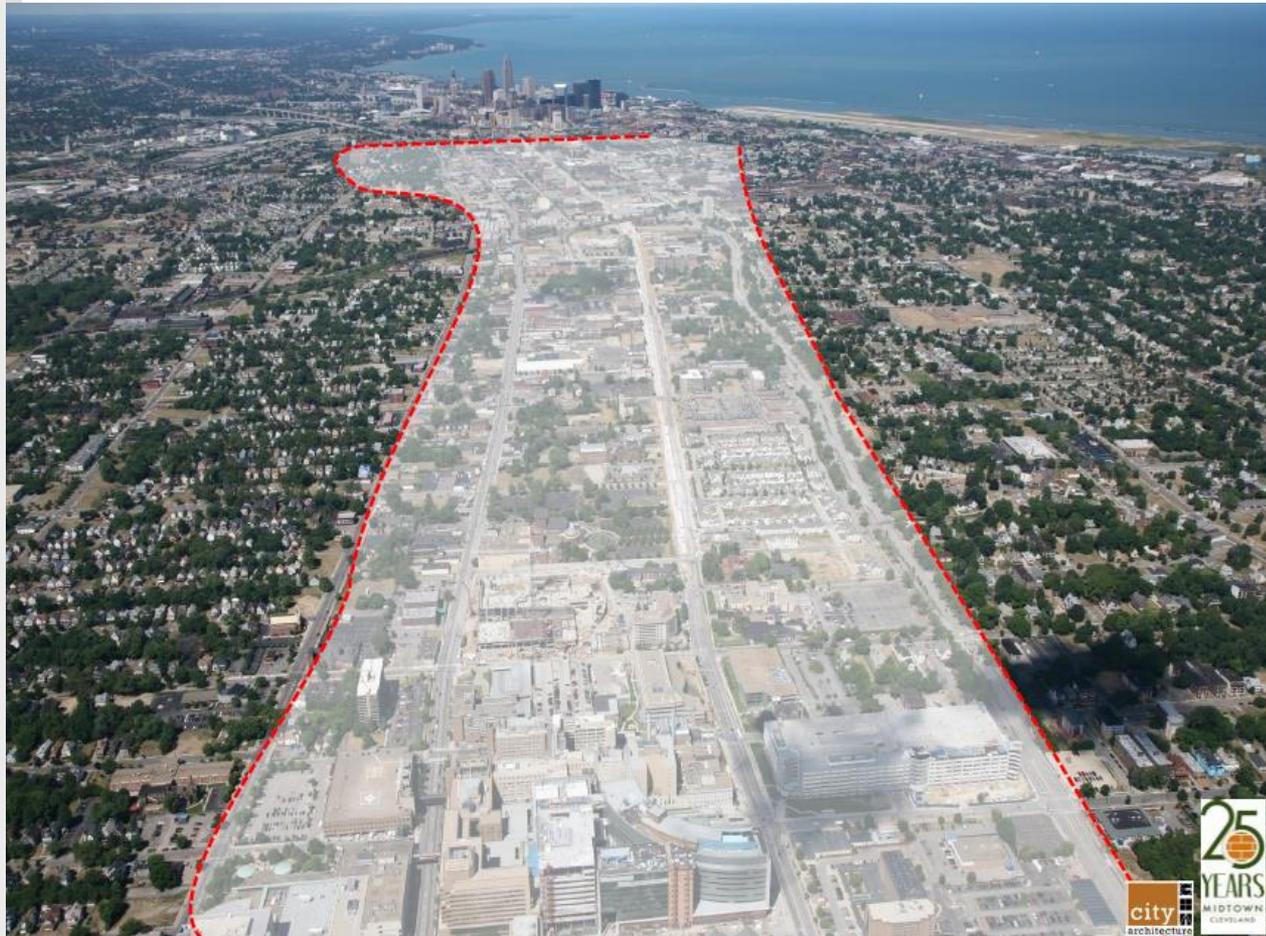


More on Cleveland Health-Tech Corridor

- A collaborative effort between City of Cleveland and the major institutions in Cleveland:
 - The Cleveland Clinic
 - University Hospitals
 - CWRU
 - BioEnterprise Corporation
 - MidTown Cleveland, Inc.
 - Greater Cleveland Partnership
 - The Cleveland Foundation
 - Team NEO



Cleveland Health-Tech Corridor



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Cleveland Health-Tech Corridor

- Globally competitive location for attracting and growing biomedical and technology companies
- Already home to 75+ biomedical companies, 45 technology companies, 7 business incubators, 4 world-class healthcare and research systems including the Cleveland Clinic and University Hospitals, and 3 higher education institutions
- Recently announced an Ohio Hub of Innovation



Life in the City



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Housing

- Cleveland area offers lower cost of living and higher quality of life.
- Four Cleveland area communities made Top 100 in the Money Magazine 2009 edition of Best Places to Live- Highland Heights, Medina, Solon, and Twinsburg.



Comparing Home Prices

| Metro Region | Index |
|--|--------------|
| Boston-Quincy MA Metro | 132.6 |
| Chicago-Naperville-Joliet IL Metro | 112.6 |
| Cleveland-Elyria-Mentor OH Metro | 96.9 |
| Los Angeles-Long Beach-Glendale CA Metro | 146.5 |
| Miami-Miami Beach-Kendall FL Metro | 115.2 |
| New York-White Plains-Wayne NY-NJ Metro | 219.8 |
| Philadelphia PA Metro | 123.6 |
| US | 100.0 |

While the Cleveland region offers the assets and resources of major U.S. markets, it won't cost nearly as much to live or do business here



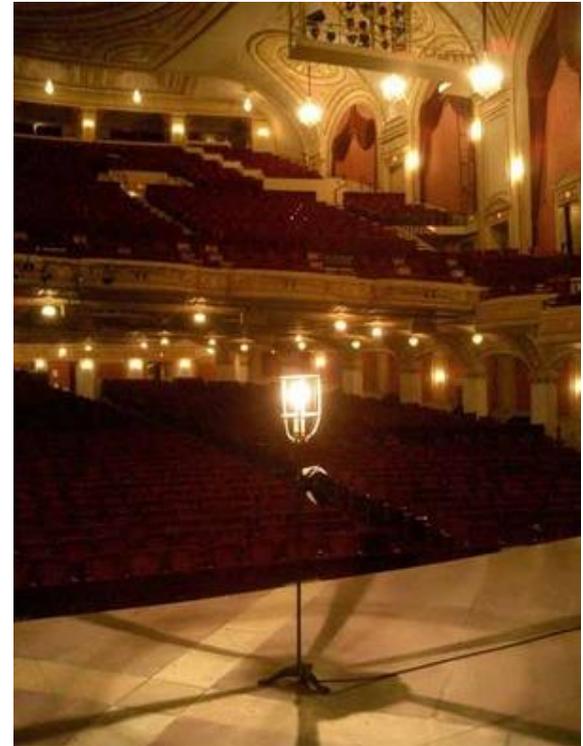
Museums

- Cleveland Museum of Art-permanent collection of over 43,000 works, one of the best Asian Art collections in the US
- Museum of Contemporary Art
- Children's Museum of Cleveland
- Natural History Museum
- Western Reserve Historical Society
- Rock and Roll Hall of Fame
- Science Museum



Theater

- Playhouse Square Center- second largest performing arts center in the United States behind New York's Lincoln Center
- Hosts various Broadway musicals, special concerts, speaking engagements, etc
- Great Lakes Theater Festival
- Karamu House- well-known African American performing and fine arts center



Music



- Cleveland Orchestra- one of the finest orchestras in the world, and the finest in the United States, plays at Severance Hall in the winter, Blossom Music Center in the summer
- House of Blues
- Rock and Roll Hall of Fame
- Most major artists come to Cleveland on concert tours- visited by Paul McCartney, Coldplay, Lady Gaga, Lil Wayne, Toby Keith, John Mayer, Jack Johnson



Cultural Mélange

- Strong cultural foundations
 - Little Italy- historic center for the Italian American community, restaurants, bakeries, pizzerias, art galleries
 - West Side Market- oldest operating indoor/outdoor market space, vendors sell food from all over the world
 - Cultural Garden- Many different ethnicities celebrate their cultures in the gardens lining Martin Luther King, Jr. Blvd
 - Cleveland International Film Festival



Dining Scene

- Chicago Tribune called Cleveland America's "hot new dining city" Cleveland chef, Michael Symon, named "Next Iron Chef"
- Cleveland restaurants praised by national food press, including Gourmet, Food & Wine, and Esquire



Sports

- Cleveland has many professional sports teams, with tickets usually easy to find
 - Cavaliers (National Basketball Association)
 - Browns (National Football League)
 - Indians (Major League Baseball)
 - Lake Erie Monsters (American Hockey League)



CLEVELAND

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*We hope you choose to become
a part of our city
as we expand the frontiers
of the new global economy.*



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City of Cleveland

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