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THE CITY OF
COLUMBUS

FACTBOOK 2020

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WELCOME TO COLUMBUS, OHIO.

As the state capital and Ohio's largest city, the City of Columbus has the fastest growing economy in the Midwest and continues building its diverse population and workforce through an attraction of talent from around the globe.

Access to collaborative industry leaders, educational partners and research organizations, in the City of Columbus and surrounding communities, offers businesses an abundance of experience and technical resources to help them succeed.

City of Columbus Overview

- City population: 892,533 residents, making Columbus the 14th largest city in the U.S.
- Columbus Metropolitan Statistical Area (MSA) population (encompassing a 10-county area): over 2.1 million residents. (Source: U.S. Census Bureau, Population Estimates 2018)
- City Geography: 223 square miles. Greater access to the U.S. population (within a 10-hour drive) than any other large U.S. metro.
- Annual cost of living in Columbus is nearly 10 percent less than the national average. (Source: C2ER, 2018 Annual Average; Columbus Cost of Living Index is 90.8 [US=100])
- Eleven Fortune 1000 headquarters operations reside within the City of Columbus.
- Columbus ranks No. 1 among the 10 largest Midwest metros in population and private sector job growth since 2010.
- Columbus is ranked in the top 10 nationally among large metros for population ages 25–34, offering companies access to a growing, young labor force. (Sources: U.S. Census Bureau, ACS 1-yr estimate, 2018)
- Workforce of 1.1 million plus with a median age of 36.1, which is 2.1 years below the national average. (Sources: BLS, LAUS, 2018; US Census ACS 1-yr, 2018 [U.S. Median age is 38.2])
- Millennials, age 18–34, make up 25 percent of the Columbus MSA total population. (Source: U.S. Census, ACS 1-yr 2018)
- Columbus is home to nearly 100,000 college students. There are nearly 132,000 college students in the 11-county Columbus Region, and over 22,000 students graduate annually. (Sources: National Center for Education Statistics (NCES) 2- and 4-year schools offering at least an associate degree or above)
- Rickenbacker International Airport located at the Rickenbacker Inland Port, just 20 minutes south of Columbus, offers one of the world's only cargo-dedicated airports. (Source: Columbus Regional Airport Authority [CRAA])

Thank you for exploring the City of Columbus. We invite you to contact the City's Economic Development Division at 614-645-8616 as you consider the next steps of your business strategy.

REGIONAL OVERVIEW

THE COLUMBUS REGION

The **Columbus Region** is an 11-county area comprising Delaware, Fairfield, Franklin, Knox, Licking, Logan, Madison, Marion, Morrow, Pickaway and Union counties.

The Columbus Region varies from the Columbus Metropolitan Statistical Area (MSA), which comprises 8 of the above 11 counties (excluding Knox, Logan and Marion) and an additional two (Hocking and Perry). The information and data in this document cover the 11-county region with City of Columbus highlights. Some data is only available at the MSA level and is identified as such in the text, title or source.

- **Eleven-county** region located in Central Ohio
- Population of **2.2 million** people
- Population growth rate of 10 percent since 2010
- Ten-county Columbus MSA, **fastest growing** among Midwest metro areas with at least 1 million in population
- Driver of Ohio's population and economic growth
- Over **forty-nine** college and university campuses
- Nearly **132,000** college students
- Home to **15** Fortune 1000 headquarters

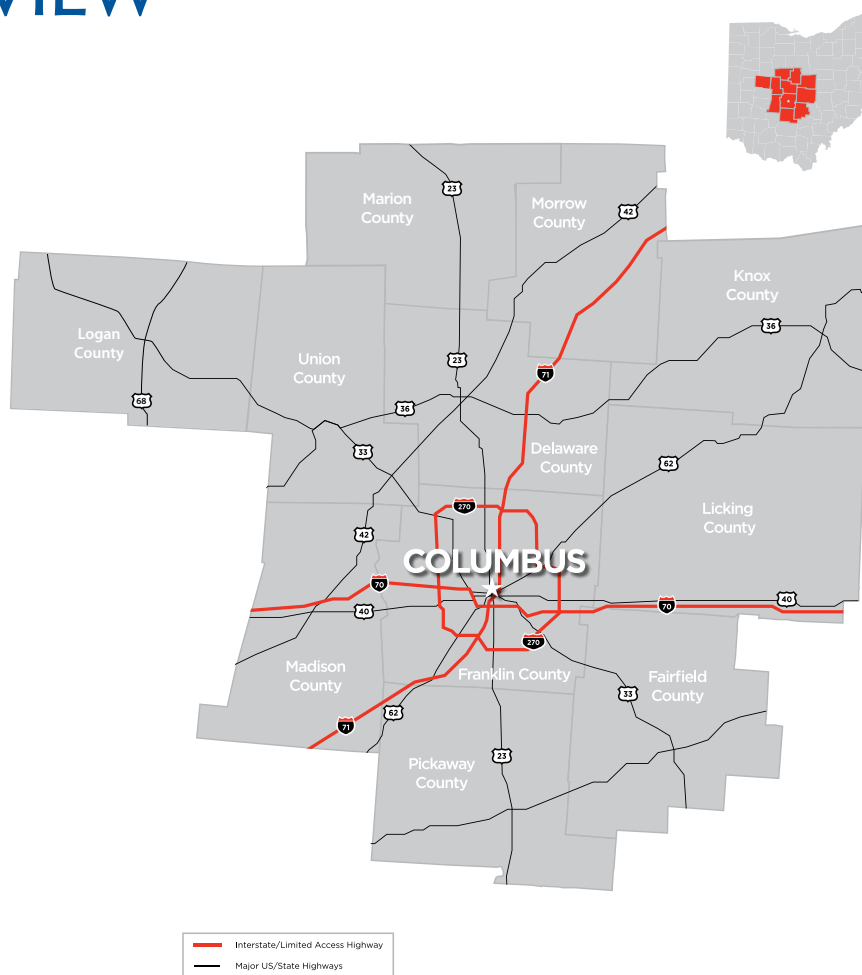
COLUMBUS AND FRANKLIN COUNTY

- State capital and **largest Ohio city**
- **Fourteenth largest city** in the U.S.

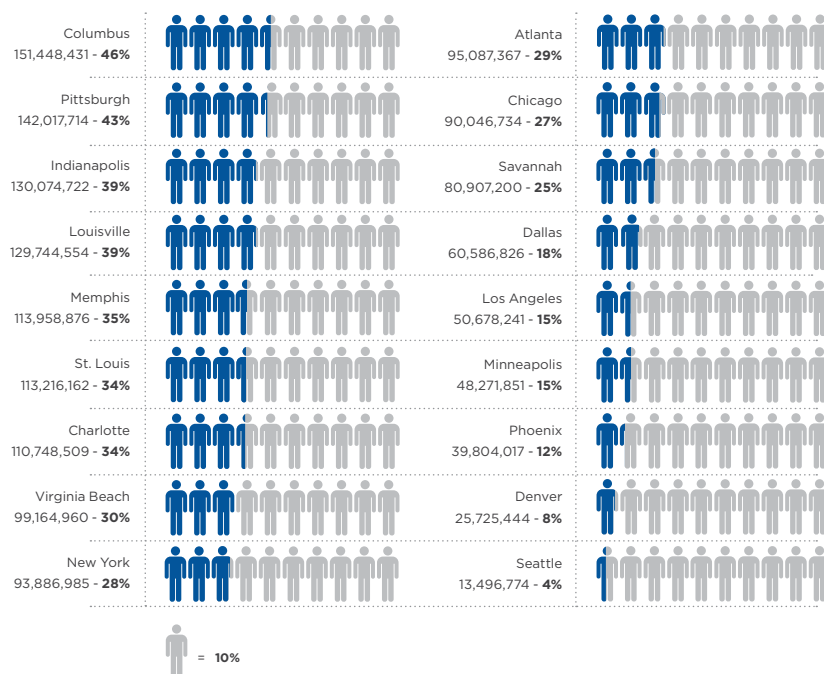
COLUMBUS IS WELL CONNECTED TO THE REST OF THE U.S. AND BEYOND

- John Glenn Columbus International Airport: Over **160** daily flights to more than **40** destinations
- Enhanced freight rail connections to East Coast ports in Norfolk, VA; Baltimore, MD; and Wilmington, NC
- Columbus is within a 10-hour drive of **151 million** people in the U.S., higher than other major distribution centers in the U.S.

Sources: ESRI Business Analyst 2018; 600 minute (10-hour) drive time from city center. U.S. Census, 2018 Population Estimates; Columbus 2020



U.S. population within 10-hour drive





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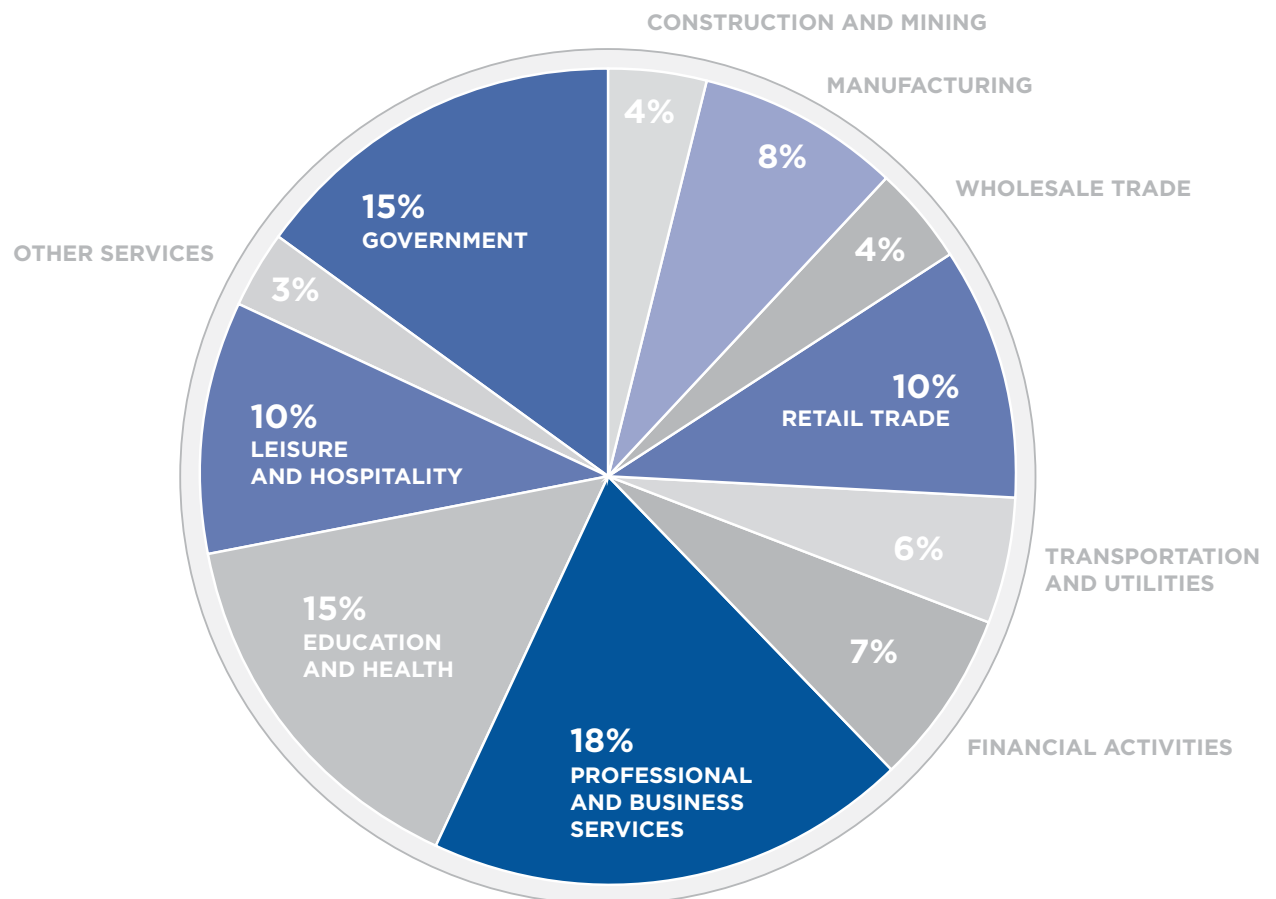


McGraw-Hill Education

THE COLUMBUS ECONOMY

The Columbus Region has a diversified economy where no single major industry represents more than 18 percent of employment. Finance and insurance, advanced manufacturing, health, logistics and other industries are complemented by the presence of The Ohio State University and the state capital.

FIGURE 1A. REGIONAL EMPLOYMENT BY SECTOR



Source: EMSI, 2019



INDUSTRY & WORKFORCE

MAJOR EMPLOYERS

LARGEST PRIVATE SECTOR EMPLOYERS	FTE IN REGION
★ JPMorgan Chase & Co.	20,316
★ Nationwide	12,862
Honda	11,077
★ L Brands	7,662
★ Cardinal Health	5,075
★ Huntington	4,921
Amazon	4,828
★ American Electric Power Company	3,627
★ Alliance Data	3,000
Abercrombie & Fitch	2,598
★ Safelite	2,551
★ Whirlpool Corporation	2,519
Discover	2,283
★ XPO Logistics	2,246
★ DHL	2,192
★ Abbott Nutrition	2,055
★ Spectrum	2,000
UnitedHealth	1,900
TS Tech	1,789
★ Teleperformance	1,730
★ UPS	1,669
★ Battelle	1,636
Ascena Retail Group	1,635
★ Worthington Industries	1,625
Gap	1,508

★ Operates at least one establishment in City of Columbus

Source: One Columbus, economic base employment, 2019

The Columbus Region is home to over 330 internationally owned establishments.

COUNTRY	ESTABLISHMENTS
Japan	138
Rest of Europe	47
Canada	24
Germany	36
United Kingdom	29
Rest of Asia	20
Rest of World	15
France	10
Switzerland	13

COLUMBUS REGION LARGEST PRIVATE SECTOR EMPLOYERS

COMPANY	FTE	OPERATIONS
★ Abbott Nutrition	2,055	Development and manufacturing of nutritional products, office
Abercrombie & Fitch	2,598	HQ, distribution and fulfillment of apparel, software development
★ Accenture	750	IT and consulting office
Aetna	1,245	Insurance back office, technical call center, support staff
★ Alliance Data	3,000	Corporate and card services unit HQ, transactions processing, data center
Amazon	4,828	Amazon Web Services cloud data center, e-commerce fulfillment
★ American Electric Power Company	3,627	Utilities HQ, R&D, smart grid technology, transmissions, data center
Anthem Blue Cross and Blue Shield	900	Insurance call center and back office
Ascena Retail Group	1,635	Shared services office for IT, sourcing and procurement, apparel distribution and fulfillment
★ Battelle	1,636	Research institution covering military & defense, energy, materials, bioscience, cybersecurity, analytics
★ Big Lots	1,133	HQ and distribution of household goods retailer
★ Cardinal Health	5,075	HQ, distribution of pharmaceuticals and medical devices, radiopharmaceutical production
Cardington Yutaka Technologies	725	Manufacturing of automotive drive and exhaust systems and converters
CareWorks MCO / York Risk Services	1,435	Workers comp administration services
★ CAS	1,400	R&D, IT and analytics to collect and organize scientific information on chemicals
★ Columbia Gas of Ohio	1,027	Utilities subsidiary HQ
★ Designer Brands	1,092	HQ, distribution and fulfillment of footwear retailer
★ DHL	2,192	Americas HQ, logistics services
Discover	2,283	Business credit card customer service, collections, data center
Eddie Bauer	900	Apparel distribution
★ Express	757	HQ, distribution and fulfillment of apparel retailer
Express Scripts	1,271	Pharmaceuticals distribution, customer service
FedEx	1,044	Logistics services, distribution and fulfillment
★ Fifth Third Bank	702	Financial services office, call center
Fiserv	1,000	Financial services office, call center
Gap	1,508	Distribution and fulfillment of apparel, customer service
★ Grange Insurance	929	Insurance HQ
★ Hikma	1,026	Pharmaceuticals manufacturing
Honda	11,077	North America HQ and R&D center, automotive assembly, testing
★ Huntington	4,921	Financial services HQ, software development, data center
★ IBM	970	Client center for analytics services
★ JPMorgan Chase	20,316	Financial services back office, software development, card manufacturing, data center
★ L Brands	7,662	HQ, distribution and fulfillment of apparel and beauty products, personal care manufacturing
Lancaster Colony Corporation	892	HQ, distribution, specialty food products and sauces
★ Mars Petcare	836	Pet food manufacturing
★ Mettler-Toledo	800	HQ and manufacturing of precision instruments company
★ Nationwide	12,862	HQ, software development, analytics, data center
★ NetJets Inc.	1,300	HQ of private jet fleet transportation
★ Owens Corning	1,000	R&D and manufacturing of insulation products
★ PNC Financial Services	1,500	Financial services back office, call center
★ Safelite	2,551	Unit HQ, contact center of car windshield replacement company
Scotts Miracle-Gro	1,100	HQ, R&D, manufacturing and distribution of fertilizer company
★ Spectrum	2,000	Cable provider regional office, call center
Stanley Electric	1,385	Manufacturing of automotive and motorcycle lighting
★ State Auto Insurance Companies	876	HQ and call center of insurance company
State Farm Insurance	1,400	Insurance back office, claims processing, customer service
★ Teleperformance	1,730	Customer contact center, business process outsourcing
TS Tech	1,789	North America HQ and R&D center, car seat and door and roof trim manufacturing
UnitedHealth	1,900	Insurance back office and call center
★ UPS	1,669	Logistics services, distribution and fulfillment
★ Verizon	1,300	Telecommunications back office, innovation lab, customer service, switching operations, data center
★ Whirlpool Corporation	2,519	Appliance manufacturing and distribution
★ Worthington Industries	1,625	HQ and steel manufacturing
★ XPO Logistics	2,246	Logistics services
zulily	1,446	Apparel company order fulfillment, back office and call center functions

★ One location in Columbus

Source: One Columbus, economic base employment, 2019



Worthington Industries

INTERNATIONALLY OWNED COMPANIES RANKED BY NUMBER OF COLUMBUS REGION EMPLOYEES

COMPANY	FTE	HEADQUARTERS
Honda	11,077	Japan
★ Safelite	2,551	Belgium
★ DHL	2,192	Germany
TS Tech	1,789	Japan
★ Teleperformance	1,730	France
CareWorks MCO / York Risk Services	1,435	Canada
Stanley Electric	1,385	Japan
Midwest Express	1,183	Japan
★ Hikma	1,026	United Kingdom
★ Mettler-Toledo	800	Switzerland
★ Accenture	750	Ireland
Cardington Yutaka Technologies	725	Japan
Jefferson Industries Corporation	648	Japan
★ Anheuser-Busch InBev	640	Belgium
Anomatic Corporation	632	Germany
★ Farmers Insurance	600	Switzerland
BMW Financial Services	562	Germany
American Showa	560	Japan
Smiths Medical	530	United Kingdom
Nifco	480	Japan

★ Operates at least one establishment in City of Columbus

Source: One Columbus

LARGEST MANUFACTURERS BY COLUMBUS REGION EMPLOYEES

MANUFACTURER	FTE
Honda	11,077
★ Whirlpool Corporation	2,519
★ Abbott Nutrition	2,055
TS Tech	1,789
★ Worthington Industries	1,625
Ariel Corporation	1,500
Stanley Electric	1,385
Scotts Miracle-Gro	1,100
★ Hikma	1,026
★ Owens Corning	1,000
★ Vertiv	921
Lancaster Colony Corporation	892
★ Mars Petcare	836
★ Mettler-Toledo	800
★ The Oneida Group	731
Cardington Yutaka Technologies	725
Jefferson Industries Corporation	648
★ Anheuser-Busch InBev	640
Anomatic Corporation	632
★ Ashland	595

FASTEST GROWING PRIVATE COMPANIES BY AVERAGE ANNUAL SALES GROWTH 2015-2017

RANK	COMPANY	INDUSTRY
1	Mixt Solutions LLC	IT
2	Right Way Medical LLC	Healthcare
3	Steward Construction Services LLC	Construction
4	BIBIBOP Asian Grill	Fast Casual Restaurant
5	Capital Energy	Service Provider
6	Ventech Solutions	IT
7	Rise Brands Inc.	Marketing
8	T-Pro Solutions Inc. Blacksmith Applications	IT
9	Compton Construction LLC	Construction
10	Approach Marketing	Marketing
11	Vision Communities	Multifamily Real Estate
12	Ease Logistics Services LLC	Logistics
13	Hot Chicken Takeover	Fast Casual Restaurant
14	Watershed Distillery	Distillery
15	King Memory LLC	IT
16	Smart 1 Marketing	Marketing
17	Central Point Partners LLC	IT
18	CST Utilities	Service Provider
19	Coastal Ridge Real Estate	Multifamily Real Estate
20	JT Bates Insurance Group	Financial Services

★ **Operates at least one establishment in City of Columbus**

Source: Columbus Business First, Book of Lists 2018-2019



Battelle

KEY SECTORS: SCIENCE AND TECHNOLOGY

FAST FACTS

- **2,960 science and technology** establishments in the Columbus Region employ more than 37,260 workers (EMSI, 2019).
- The Columbus Region has a location quotient of 1.48 for R&D in physical, engineering and life sciences (EMSI, 2019).
- 69,273 people in science and technology occupations work in the MSA, with an average wage of \$85,790 (EMSI, 2019).

ASSETS

- Home to **two of the world's leading private-research institutions**, Battelle and CAS.
- Three of Ohio's six Edison Technology Centers — BioOhio, EWI and PolymerOhio — are in the Columbus Region. These provide product and process innovation and commercialization services to both established and early-stage technology-based businesses.
- Rev1 Ventures accelerates the growth of the innovation economy by providing vital resources and assistance to people and enterprises that depend on technology to achieve their business goals.
- Science and Technology Campus Corporation, a state-of-the-art research park located on The Ohio State University campus, links world-class academic technical expertise with commercial innovation.
- Ohio Supercomputer Center provides supercomputing, cyber-infrastructure, research and educational resources for academic research, industry and government.
- Transportation Research Center, a **world-leading provider of vehicular testing services**, independently manages a 4,500-acre transportation research and testing facility serving the needs of industries, governments, trade associations and educational organizations worldwide.

LARGEST SCIENCE AND TECHNOLOGY COMPANIES BY COLUMBUS REGION EMPLOYEES

COMPANY	FTE	OPERATIONS	COMPANY	FTE	OPERATIONS
Honda	11,077	North America HQ and R&D center, automotive assembly, testing	★ Mettler-Toledo	800	HQ and manufacturing of precision instruments company
★ Cardinal Health	5,075	HQ, distribution of pharmaceuticals and medical devices, radiopharmaceutical production	OCLC	746	Data and network management for libraries, museums, archives
★ Alliance Data	3,000	Corporate and card services unit HQ, transactions processing, data center	★ CenturyLink	686	Telecommunications back office, customer service, data center
TS Tech	2,992	North America HQ and R&D center, car seat and door and roof trim manufacturing	Tech Data	625	IT services, engineering lab
★ Abbott Nutrition	2,055	Development of nutritional products	★ Ashland	595	R&D and production of performance materials
★ Battelle	1,636	Research institution covering military & defense, energy, materials, bioscience, cybersecurity, analytics	TEKsystems	564	IT services, applications development, network services
★ CAS	1,400	R&D, IT and analytics to collect and organize scientific information on chemicals	Keihin	541	R&D and manufacturing of automotive engine management and climate control systems
Scotts Miracle-Gro	1,100	HQ, R&D, manufacturing and distribution of fertilizer company	★ g2o	518	IT services, data analytics
★ Hikma	1,026	Pharmaceuticals manufacturing	DuPont	500	Polymer film and parts production
★ Owens Corning	1,000	R&D and manufacturing of insulation products	Nestle	470	Product technology and quality assurance centers for Nestle food brands
★ AT&T	1,000	Telecommunications back office, support	Boeing	425	Aerospace radio and navigation system manufacturing and repair
★ IBM	970	Client center for analytics services	★ Hexion	222	Manufacturing of specialty chemicals
★ Vertiv	921	Development of power equipment for industrial and data centers			

WORKFORCE COSTS FOR SCIENCE, ENGINEERING AND IT OCCUPATIONS*

METRO AREA	JOBS	AVG. HOURLY WAGE
Indianapolis	56,677	\$37.63
Pittsburgh	70,059	\$38.31
COLUMBUS	69,273	\$41.25
Raleigh	57,893	\$41.47
Chicago	232,881	\$41.57
Austin	95,046	\$43.28
San Diego	120,419	\$46.00
Boston	232,028	\$46.94
Seattle	212,507	\$51.59
Washington DC	352,977	\$51.78
San Francisco	236,099	\$54.56

★ Operates at least one establishment in City of Columbus

*Data above reflects job SOC codes 15-0000 (Computer and Mathematical Occupations), 17-0000 (Architecture and Engineering Occupations) and 19-0000 (Life, Physical, and Social Science Occupations). Source: EMSI, 2019

SCIENCE AND TECHNOLOGY OCCUPATIONS EMPLOYMENT AND WAGES (COLUMBUS MSA)

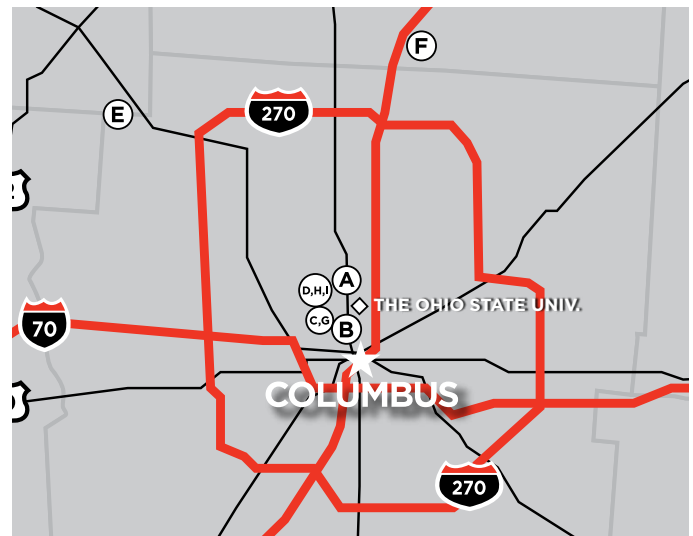
OCCUPATION	JOBS	AVG. HOURLY WAGE
Biological Technicians	806	\$21.86
Computer User Support Specialists	4,691	\$26.43
Food Scientists and Technologists	84	\$30.34
Electrical and Electronics Engineering Technicians	589	\$30.58
Web Developers	959	\$32.32
Computer Network Support Specialists	1,767	\$34.31
Chemists	535	\$34.64
Environmental Scientists and Specialists, Including Health	670	\$36.29
Materials Engineers	303	\$37.51
Electrical Engineers	1,232	\$38.76
Operations Research Analysts	939	\$39.39
Environmental Engineers	118	\$39.77
Computer Programmers	1,407	\$39.90
Industrial Engineers	3,003	\$39.96
Mechanical Engineers	3,333	\$40.32
Network and Computer Systems Administrators	2,749	\$41.93
Database and Systems Administrators and Network Architects	5,392	\$45.50
Software Developers, Systems Software	1,407	\$45.94
Actuaries	551	\$46.33
Information Security Analysts	1,195	\$46.72
Computer Systems Analysts	8,487	\$47.03
Chemical Engineers	337	\$49.40
Computer Network Architects	1,528	\$51.40
Software Developers, Applications	11,295	\$53.16
Computer and Information Systems Managers	3,599	\$72.23

OHIO THIRD FRONTIER

The Ohio Third Frontier is an unprecedented commitment to create new technology-based products, companies, industries and jobs. The initiative supports applied research and commercialization, entrepreneurial assistance, early-stage capital formation and expansion of a skilled talent pool that spurs technology-based economic growth. The Ohio Third Frontier's strategic intent is to create an "innovation ecosystem" that supports the efficient and seamless transition of great ideas from the laboratory to the marketplace.

NOTABLE SCIENCE AND TECHNOLOGY ASSETS

A - CAS	B - Battelle
C - BioOhio	D - EWI
E - Dublin Entrepreneurial Center	F - PolymerOhio
G - Rev1 Ventures	H - Ohio Supercomputer Center
I - Science and Technology Campus Corporation	



Source: EMSI, 2019



KEY SECTORS: LOGISTICS

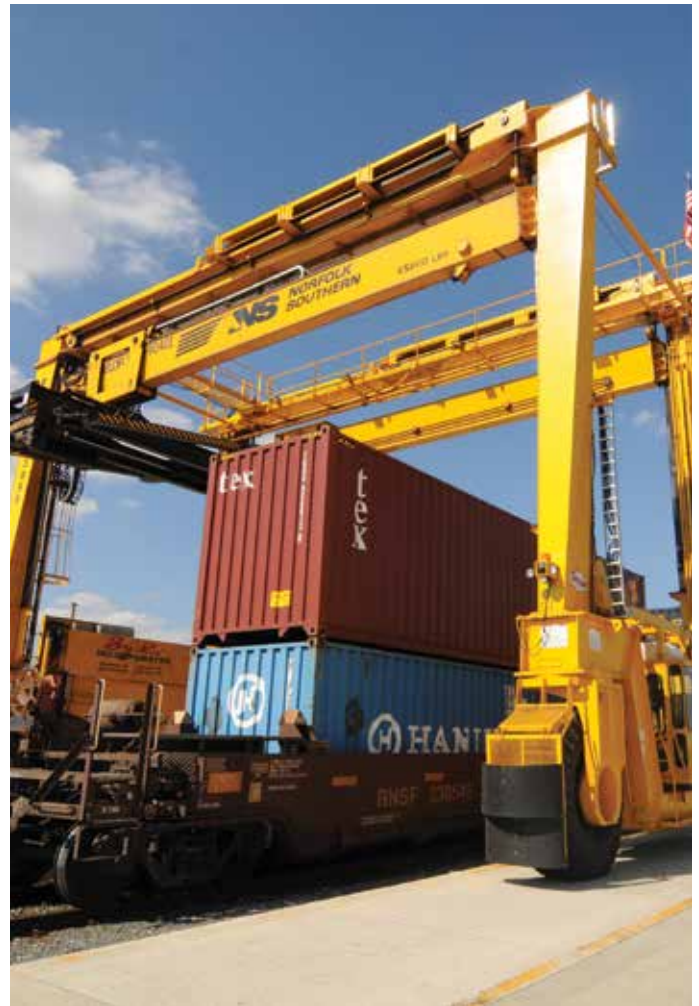
FAST FACTS

- Located at the heart of the Midwestern United States, the Columbus Region provides **easy access to major national and global markets**.
- The Columbus Region is within a **10-hour truck drive** of 46 percent of the U.S. population, 46 percent of the U.S. manufacturing capacity and 48 percent of U.S. headquarters operations (ESRI Business Analyst, 2018).
- **4,653 logistics establishments** with over 3,555 employees yield a location quotient for employment of 1.26 compared to the U.S. (EMSI, 2019).
- Rickenbacker International Airport located at Rickenbacker Inland Port is one of the world's only cargo-dedicated airports and handled over **300 million pounds** of air cargo in 2018 (Columbus Regional Airport Authority [CRAA]).
- The Ohio State University's **Fisher College of Business** is ranked No. 4 and No. 6 among supply chain/logistics programs nationally at the undergraduate and graduate levels, respectively (U.S. News & World Report, 2018-2020).

ASSETS

- John Glenn Columbus International Airport has over 160 daily flights to more than 40 destinations. In the 12 months ending in December 2018, it served more than **8.1 million passengers** (CRAA).
- Combined intermodal facilities handle 800,000 container lifts annually, with land and capacity to grow.
- Rickenbacker Inland Port is a dynamic, international logistics center and home to a tremendous base of air, rail and road transport companies.
- Two national and one regional rail carrier are located in the region, including Norfolk Southern, CSX Transportation and Ohio Central.
- Foreign Trade Zone #138, one of the 10 most active FTZs in the nation, encompasses all of the Columbus Region, including Rickenbacker Inland Port, and is legally considered outside custom territory, so goods may be brought into the site duty-free and without formal customs entry.
- The Heartland Corridor allows **double-stacked freight trains** to travel between Rickenbacker Inland Port and the Virginia ports.

LARGEST LOGISTICS COMPANIES BY COLUMBUS REGION EMPLOYEES		
COMPANY	FTE	OPERATIONS
★ L Brands	7,662	Apparel, personal care and beauty
★ Cardinal Health	5,075	Pharmaceuticals, medical devices
Amazon	4,828	E-commerce
Defense Supply Center	3,000	Military
Abercrombie & Fitch	2,598	Apparel
★ XPO Logistics	2,246	Logistics services
★ DHL	2,192	Logistics services
★ UPS	1,669	Logistics services
Ascena Retail Group	1,635	Apparel
Gap	1,508	Apparel
zulily	1,446	Apparel
Express Scripts	1,271	Pharmaceuticals
Midwest Express	1,183	Automotive
★ Big Lots	1,133	Household goods
★ Designer Brands	1,092	Footwear
FedEx	1,044	Logistics services
WalMart	1,000	Consumer goods
★ Eddie Bauer	900	Apparel
★ Mars Petcare	836	Pet food
★ Express	757	Apparel
Radial	750	Logistics services, technology
★ McGraw-Hill Education	725	Publishing
Silver Line Building Products	600	Windows and doors
Pier 1 Imports	304	Household goods



WORKFORCE COSTS FOR TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS

METRO AREA	JOBS	AVG. HOURLY WAGE
Memphis	90,304	\$16.95
Indianapolis	105,295	\$17.04
COLUMBUS	83,694	\$17.09
Kansas City	71,461	\$18.49
Atlanta	229,685	\$18.52
Harrisburg	36,249	\$18.54
Louisville	66,393	\$18.91
Los Angeles	420,626	\$19.01
Chicago	380,844	\$19.65
New York	590,557	\$20.59
Dallas	283,409	\$20.77

★ Operates at least one establishment in City of Columbus

Source: EMSI, 2019

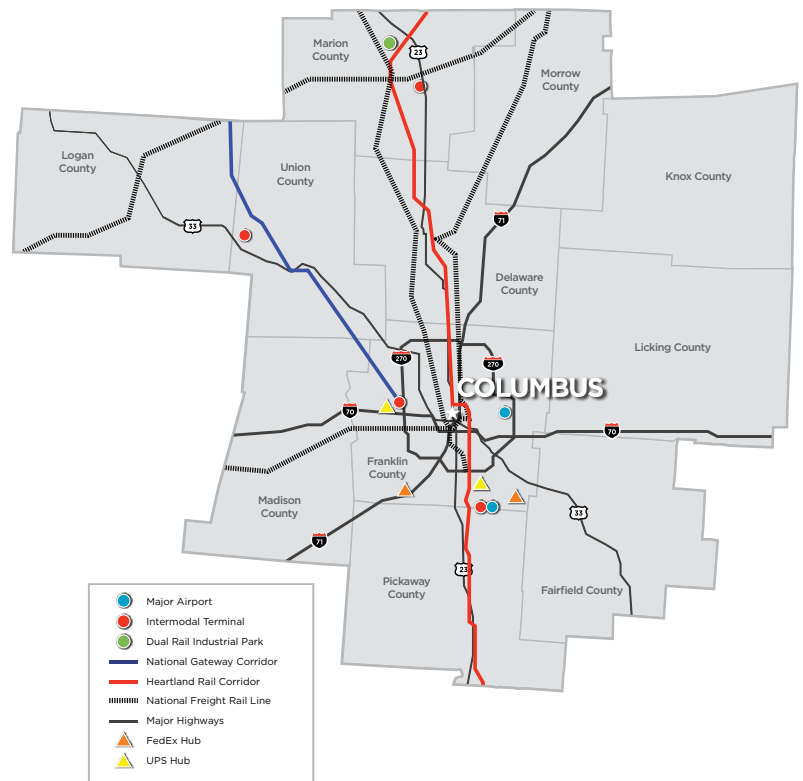
LOGISTICS OCCUPATIONS EMPLOYMENT AND WAGES (COLUMBUS MSA)

OCCUPATION	JOBS	AVG. HOURLY RATE
Packers and Packagers, Hand	7,487	\$12.39
Laborers and Freight, Stock and Material Movers, Hand	28,888	\$14.55
Conveyor Operators and Tenders	254	\$15.77
Industrial Truck and Tractor Operators	8,291	\$16.37
Light Truck or Delivery Services Drivers	7,722	\$16.88
Machine Feeders and Offbearers	586	\$17.52
Packaging and Filling Machine Operators and Tenders	1,685	\$17.82
Inspectors, Testers, Sorters, Samplers and Weighers	4,129	\$19.11
Heavy and Tractor-Trailer Truck Drivers	12,811	\$21.67
First-Line Supervisors of Transportation and Material Moving Workers	3,284	\$27.09
First-Line Supervisors of Production and Operating Workers	3,711	\$30.75
Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	8,603	\$32.15
Business Operations Specialists, All Other	10,957	\$34.78
Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	2,940	\$35.42
Transportation, Storage and Distribution Managers	1,318	\$48.17
Purchasing Managers	493	\$65.36

AVERAGE ASKING RENT FOR WAREHOUSE AND DISTRIBUTION SPACE

METRO AREA	PER SQ FT	PER SQ M
Memphis	\$2.96	\$31.86
Indianapolis	\$3.66	\$39.40
COLUMBUS	\$3.71	\$39.93
Kansas City	\$3.96	\$42.63
Atlanta	\$4.00	\$43.06
Dallas-Ft. Worth	\$4.35	\$46.82
Chicago	\$5.09	\$54.79
Pittsburgh	\$5.80	\$62.43
Denver	\$7.18	\$77.29
Inland Empire	\$7.82	\$84.17
New Jersey — Northern	\$9.05	\$97.41
Los Angeles	\$10.08	\$108.50
Long Island	\$10.63	\$114.42

LOGISTICS ASSETS



Sources: EMSI, 2019; Cushman & Wakefield U.S. Industrial Marketbeat Q1 2019



KEY SECTORS: MANUFACTURING

FAST FACTS

- The **1,751 manufacturing establishments** in the Columbus Region employ 87,392 workers. The sector contributed \$15.2 billion to regional output (EMSI, 2019).
- Quality sites and buildings with more than **260 million square feet** of industrial space and available property average a direct asking rate of \$3.71/SF (Cushman & Wakefield Q1 2019).
- The Columbus Region has high output location quotients for manufacturing of beverages (1.27), transportation equipment (1.56) and nonmetallic mineral products (1.67) (EMSI, 2019).

ASSETS

- Battelle, **the world's largest contract research and development organization**, brings a unique blend of science and technology disciplines to solve significant logistics challenges for its clients.
- EWI is **North America's leading organization dedicated to the research and development** of welding and materials joining technologies.
- The Ohio State University enrolls more than 68,000 students and ranks **No. 4** among universities nationwide in industry-sponsored research (The Ohio State University, 2018 enrollment report).
 - Fisher College of Business is ranked **No. 9** in the nation among MBA programs in production/operations specialization (U.S. News & World Report, 2020).
- The Ohio State University's graduate and undergraduate engineering programs are both **ranked No. 1** among all Ohio universities and 16th among public universities, according to U.S. News & World Report. The College of Engineering ranks 3rd in the country for industry research and development expenditures, according to the National Science Foundation.
- The Ohio State University ranks **6th in the nation** among public universities in private support, which was more than \$601 million for fiscal year 2018, when College of Engineering and Knowlton School of Architecture private support exceeded \$49 million.
- Columbus State Community College is one of the **nation's largest community colleges**, with engineering certificate programs in manufacturing, assembly and computer-aided design.
- The Ohio Manufacturing Extension Partnership (Ohio MEP) supports the diversity and strength of Ohio's manufacturing industry by providing the products, services and assistance that are dedicated to the productivity, growth and global competitiveness of Ohio manufacturers.
- Ohio Manufacturing Institute (OMI) is **a single entry point for making The Ohio State University's technical resources available to Ohio manufacturers** and to facilitate the use of those resources for economic development. OMI collaborates with university faculty, students and scientists in the following technical areas to find solutions for manufacturing challenges:

-Machining, Tribology, Metrology, Forming and Corrosion	-Welding and Joining
-Process, Microstructure and Performance Modeling	-Design
-Additive Manufacturing	

LARGEST MANUFACTURERS BY COLUMBUS REGION EMPLOYEES

MANUFACTURER	FTE
Honda	11,077
★ Whirlpool Corporation	2,519
★ Abbott Nutrition	2,055
TS Tech	1,789
★ Worthington Industries	1,625
Ariel Corporation	1,500
Stanley Electric	1,385
Scotts Miracle-Gro	1,100
★ Hikma	1,026
★ Owens Corning	1,000
★ Vertiv	921
★ Lancaster Colony Corporation	892
★ Mars Petcare	836
★ Mettler-Toledo	800
★ The Oneida Group	731
Cardington Yutaka Technologies	725
Jefferson Industries Corporation	648
★ Anheuser-Busch InBev	640
Anomatic Corporation	632
Ashland	595

★ Operates at least one establishment in City of Columbus

Source: One Columbus



Abbott Nutrition



Honda

MANUFACTURING OCCUPATIONS EMPLOYMENT AND WAGES (COLUMBUS MSA)

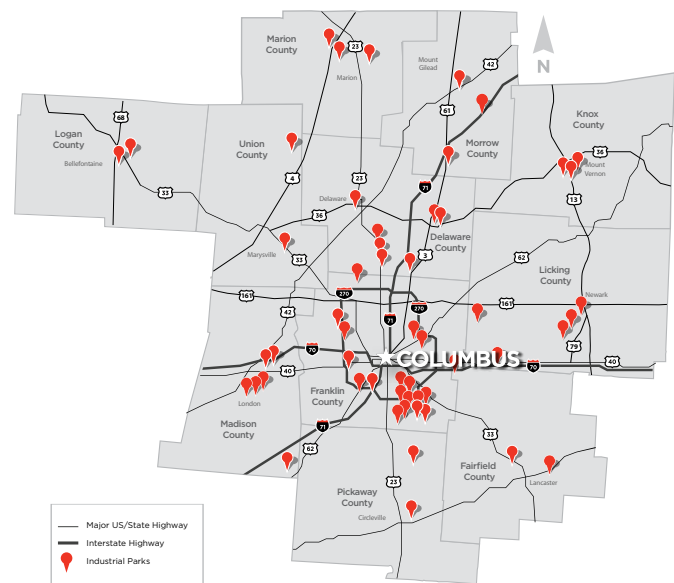
OCCUPATION	JOBS	AVG. HOURLY WAGE
Packers and Packagers, Hand	7,487	\$12.39
Structural Metal Fabricators and Fitters	504	\$17.31
Machine Feeders and Offbearers	586	\$17.52
Packaging and Filling Machine Operators and Tenders	1,685	\$17.82
Assemblers and Fabricators, All Other, Including Team Assemblers	11,092	\$18.03
Inspectors, Testers, Sorters, Samplers and Weighers	4,129	\$19.11
Welders, Cutters, Solderers and Brazers	2,151	\$19.34
Production Workers, All Other	1,919	\$19.43
Maintenance Workers, Machinery	413	\$19.79
Computer Control Programmers and Operators	879	\$20.00
Machinists	1,197	\$21.02
Industrial Machinery Mechanics	2,565	\$24.55
First-Line Supervisors of Production and Operating Workers	3,711	\$30.75
Business Operations Specialists, All Other	10,957	\$34.78
Electrical Engineers	1,232	\$38.76
Industrial Engineers	3,003	\$39.96
Mechanical Engineers	3,333	\$40.32
Industrial Production Managers	1,162	\$52.96

WORKFORCE COSTS FOR PRODUCTION OCCUPATIONS

METRO AREA	JOBS	AVG. HOURLY WAGE
Greensboro	39,079	\$16.70
Atlanta	135,892	\$17.40
Birmingham	31,201	\$17.75
Greenville	53,071	\$17.93
Indianapolis	64,605	\$18.00
Charlotte	82,461	\$18.16
Nashville	71,592	\$18.53
Louisville	61,294	\$18.67
Chicago	308,959	\$18.85
COLUMBUS	55,606	\$19.18
Charleston	19,686	\$19.96
Detroit	195,548	\$20.70

Source: EMSI, 2019

INDUSTRIAL PARKS





KEY SECTORS: HEADQUARTERS & BUSINESS SERVICES

FAST FACTS

- The Columbus Region is home to the headquarters of **15 Fortune 1000 companies**, five of which are Fortune 500 companies.
- Over **35,000 workers** are employed directly in 345 corporate managing offices in the Columbus Region, yielding a location quotient of 2.13 (EMSI, 2019).
- Large back office companies and operations include: Teleperformance USA, Spectrum, JPMorgan Chase, Nationwide Insurance, State Farm Insurance and Aetna.
- Insurance carriers are a particularly important segment of the Region's back office operations. These firms employ more than 30,000, giving a location quotient of 1.78 (EMSI, 2019).
- **Nearly 342,000** work in occupations in management, business and finance, office and administrative support, and IT in the Columbus Region (EMSI, 2019).
- Ample business service support is available in the Region, with **over 61,000 employed** in nearly 6,800 professional and technical establishments (EMSI, 2019).
- The Region is home to over **49 college and university campus** locations with a total enrollment of nearly 132,000 students.
- The Ohio State University's Fisher College of Business ranks **31st** in the U.S. for its MBA program and 15th for its undergraduate program (U.S. News and World Report, 2020).

FORTUNE 1000 COMPANIES HEADQUARTERED IN THE REGION

COMPANY	FORTUNE 1000 RANKING
Cardinal Health, Inc.	15
★ Nationwide Insurance	73
★ American Electric Power Company, Inc.	192
★ L Brands Inc.	241
★ Alliance Data	365
★ Huntington Bancshares Inc.	524
★ Big Lots, Inc.	525
GREIF	639
★ Hexion Inc.	652
Abercrombie & Fitch Co.	675
★ Worthington Industries, Inc.	677
★ Designer Brands	732
★ Mettler-Toledo International Inc.	775
The Scotts Miracle-Gro Company	829
★ Express, Inc.	954

★ Headquarters in City of Columbus

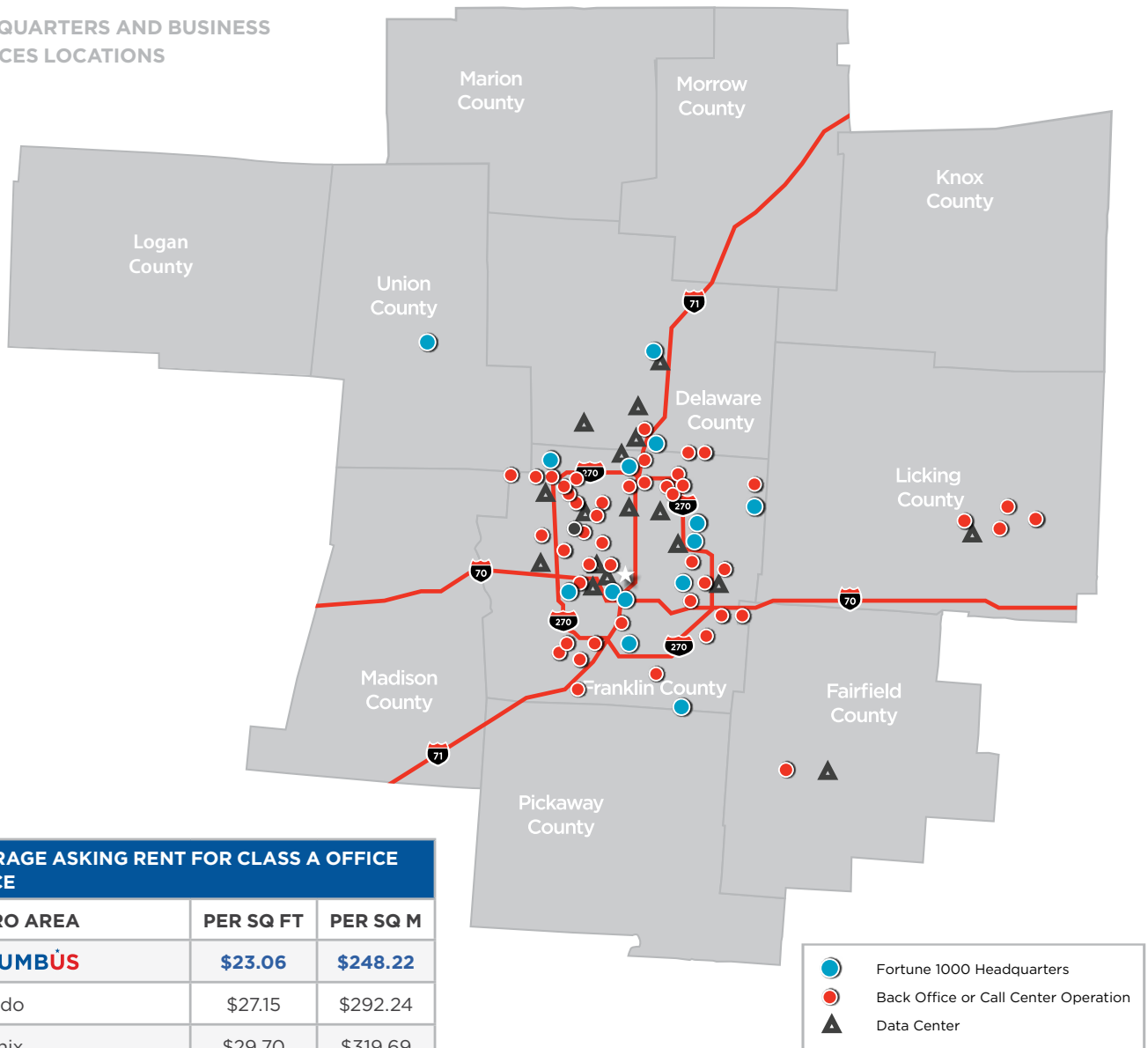
Source: Fortune, 2019 Rankings

HEADQUARTERS AND BUSINESS SERVICES OCCUPATIONS EMPLOYMENT AND WAGES (COLUMBUS MSA)		
OCCUPATION	JOBS	AVG. HOURLY WAGE
Receptionists and Information Clerks	6,037	\$13.60
Customer Service Representatives	26,512	\$17.69
Insurance Claims and Policy Processing Clerks	3,644	\$19.31
Bookkeeping, Accounting and Auditing Clerks	10,083	\$20.23
Computer User Support Specialists	4,691	\$26.43
Training and Development Specialists	3,068	\$27.24
Human Resources Specialists	5,999	\$31.70
Business Operations Specialists, All Other	10,957	\$34.78
Computer Network Support Specialists	1,767	\$34.31
Operations Research Analysts	939	\$39.39
Financial Analysts	2,736	\$40.14
Management Analysts	6,248	\$41.12
Network and Computer Systems Administrators	2,749	\$41.93
Database Administrators	1,115	\$46.22
Sales Managers	2,251	\$66.37
Financial Managers	4,805	\$67.10
Marketing Managers	1,683	\$72.10
Computer and Information Systems Managers	3,599	\$72.23

WORKFORCE COSTS FOR BUSINESS SERVICES OCCUPATIONS		
METRO AREA	JOBS	AVG. HOURLY WAGE
Tampa	300,381	\$25.54
Orlando	254,248	\$25.63
Kansas City	224,410	\$27.20
Indianapolis	206,840	\$27.31
COLUMBUS	218,874	\$27.41
Phoenix	479,330	\$27.78
Nashville	219,543	\$28.10
Dallas	786,843	\$28.32
Charlotte	239,062	\$30.34
Atlanta	556,275	\$31.61
Denver	275,062	\$33.12
Chicago	1,016,346	\$33.13
New York	1,942,794	\$36.77
San Francisco	504,456	\$42.94

Source: EMSI, 2019

HEADQUARTERS AND BUSINESS SERVICES LOCATIONS



AVERAGE ASKING RENT FOR CLASS A OFFICE SPACE		
METRO AREA	PER SQ FT	PER SQ M
COLUMBUS	\$23.06	\$248.22
Orlando	\$27.15	\$292.24
Phoenix	\$29.70	\$319.69
Atlanta	\$29.92	\$322.06
Nashville	\$30.54	\$328.73
Charlotte	\$30.75	\$330.99
Denver	\$32.09	\$345.42
Houston	\$35.89	\$386.32
Chicago	\$36.42	\$392.02
Boston	\$40.11	\$431.74
Seattle	\$40.21	\$432.82
Los Angeles — Downtown	\$45.13	\$485.78
Washington, D.C.	\$61.59	\$662.95
New York City — Midtown	\$82.04	\$883.08

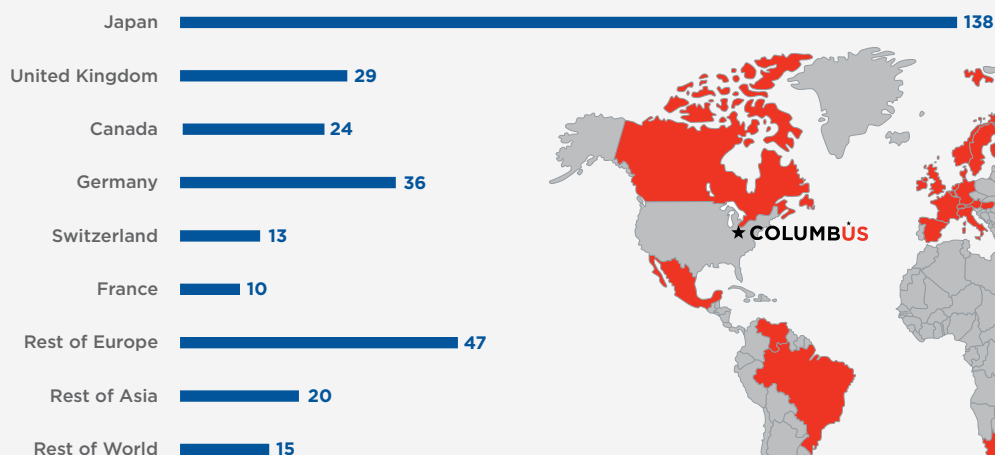
Sources: Colliers International, Office Market Outlook, Q1 2019

INTERNATIONAL BUSINESS

FAST FACTS

- More than **330 foreign-owned establishments** within the Columbus Region.
- The Ohio State University has over 68,000 students, including more than 6,700 international students (The Ohio State University, Highlights of Enrollment, 2018).
- Japan, Canada and Germany are the largest foreign investors in the Region.
- Ohio has **no corporate income tax** or personal property tax.
- Ohio holds the No. 9 business climate ranking in the United States (Chief Executive, 2019).
- Columbus Region ranks No. 7 metro area (Site Selection, 2018).
- KPMG ranks Ohio in the top state business tax climates for new distribution centers (2), capital-intensive manufacturing (6), labor-intensive manufacturing (9) and call centers (9) (Tax Foundation, KPMG Location Matters Report, 2015). The workforce unionization rate in the Columbus MSA is lower than the national average (Unionstats, 2018).

INTERNATIONALLY OWNED ESTABLISHMENTS BY COUNTRY:



Source: One Columbus

GREATER COLUMBUS SISTER CITIES INTERNATIONAL

Greater Columbus Sister Cities International connects Columbus to the world through international exchanges and people-to-people connections. This organization is dedicated to cultivating relationships with all ten Columbus sister cities and enhancing and sustaining a more tolerant and inclusive culture in our city. Through unique and impactful programming, Greater Columbus Sister Cities International promotes our region internationally as an ideal candidate for economic development, education and arts and cultural exchanges.

Columbus Sister Cities include:

Accra, Ghana	Genoa, Italy	Seville, Spain	Dresden, Germany	Odense, Denmark
Curitiba, Brazil	Herzliya, Israel	Ahmedabad, India	Hefei, China	Tainan City, Taiwan

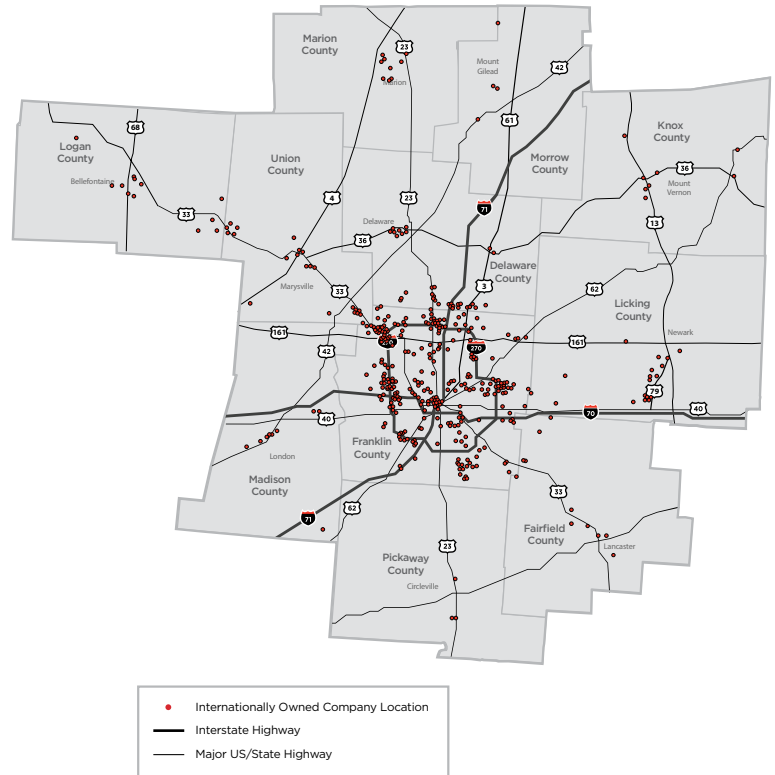
LARGEST INTERNATIONALLY-OWNED COMPANIES BY COLUMBUS REGION EMPLOYEES

COMPANY	EMPLOYEES	HEADQUARTERS
Honda	11,077	Japan
★ Safelite	2,551	Belgium
★ DHL	2,192	Germany
TS Tech	1,789	Japan
★ Teleperformance	1,730	France
CareWorks MCO / York Risk Services	1,435	Canada
Stanley Electric	1,385	Japan
Midwest Express	1,183	Japan
★ Hikma	1,026	United Kingdom
★ Mettler-Toledo	800	Switzerland
★ Accenture	750	Ireland
Cardington Yutaka Technologies	725	Japan
Jefferson Industries Corporation	648	Japan
★ Anheuser-Busch InBev	640	Belgium
Anomatic Corporation	632	Germany
★ Farmers Insurance	600	Switzerland
BMW Financial Services	562	Germany
American Showa	560	Japan
Smiths Medical	530	United Kingdom
Nifco	480	Japan

★ Operates at least one establishment in City of Columbus

Source: One Columbus 2019

COLUMBUS REGION INTERNATIONALLY OWNED COMPANIES



GLOBAL INDUSTRIAL REAL ESTATE RENTS

MARKET	COUNTRY	USD/PSF/YEAR	USD/PSM/YEAR
COLUMBUS	United States	\$4.08	\$43.92
Bajio	Mexico	\$4.61	\$49.62
Monterrey	Mexico	\$4.64	\$49.94
Toronto	Canada	\$5.04	\$54.25
Milan	Italy	\$6.30	\$67.81
Amsterdam	France	\$6.53	\$70.29
Paris	Netherlands	\$7.45	\$80.19
Frankfurt	Germany	\$8.66	\$93.22
Shenzhen	China	\$9.08	\$97.74
Beijing	China	\$9.78	\$105.27
Shanghai	China	\$10.51	\$113.13
Tokyo	Japan	\$19.96	\$214.85

Source: CBRE, Global Prime Logistics Rents, July 2018. Comparable Columbus figure sourced from local industrial report, Q4 2017

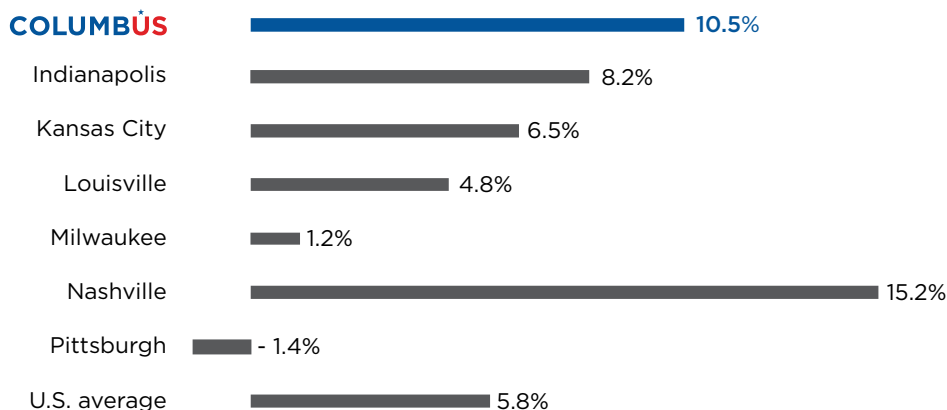
COLUMBUS POPULATION

Columbus is the 14th largest city in the U.S. and the fastest growing major metro in the Midwest with 892,533 residents.

PREPARING FOR FUTURE GROWTH

Central Ohio is expected to grow by more than 1,000,000 people by 2050. To develop objective analytics that can assist in evaluating and preparing for the impacts of the future growth and development, the Mid-Ohio Regional Planning Commission, Columbus 2020 and ULI Columbus retained the services of Calthorpe Associates, one of the nation's most experienced planning firms. The result is insight2050, a collaborative initiative to help communities proactively plan for development and population growth over the next 30 years. See the report at getinsight2050.org.

POPULATION CHANGE, 2010–2018



TOP LARGE U.S. METROS FOR MILLENNIAL CONCENTRATION (AGED 25–34)



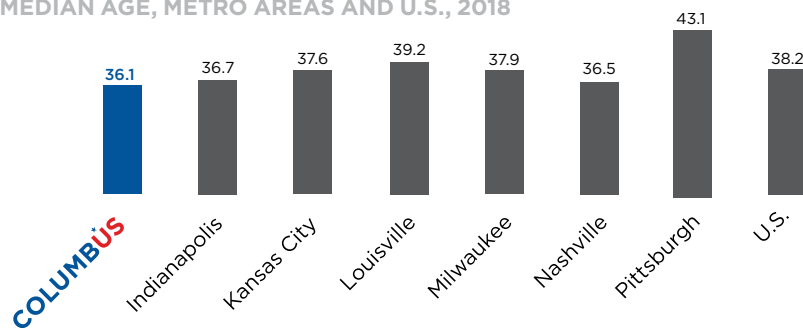
Source: U.S. Census Population Estimates, 2018; U.S. Census American Community Survey 1-year estimates, 2018. Metro areas over one million in population.



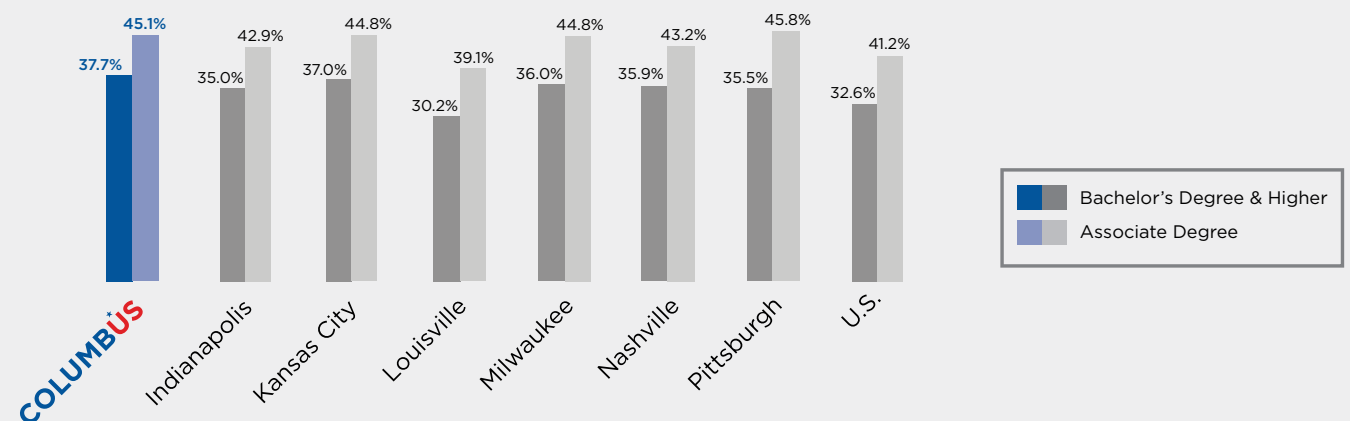
QUALITY WORKFORCE

The Columbus population, well educated and relatively young, is growing at a pace above the national average.

MEDIAN AGE, METRO AREAS AND U.S., 2018



PERCENT OF POPULATION AGED 25+ WITH ASSOCIATE OR BACHELOR'S DEGREE AND HIGHER



Source: U.S. Census American Community Survey 1-year estimates, 2018



INSTITUTIONAL INFRASTRUCTURE – EDUCATION AND RESEARCH

UNIVERSITIES AND COLLEGES

The Columbus Region is home to over **49 college and university** campuses with a total enrollment of over 132,000 students.

The Ohio State University, the state's flagship university and **one of the largest and most comprehensive universities** in the U.S., has over 61,000 students at its main campus in Columbus. With 200 undergraduate majors and more than 250 master's, doctoral and professional degree programs, Ohio State provides the Region with a diverse and talented workforce for the future. Ohio State awarded nearly 11,000 degrees in 2018, as well as more than 4,400 advanced degrees.

Ohio State's graduate and undergraduate engineering programs are both ranked **No. 1** among all Ohio universities and 14th and 16th, respectively, among public universities according to U.S. News & World Report. The College of Engineering ranks 3rd in the country for industry research and development expenditures, according to the National Science Foundation. Ohio State also ranks 6th in the nation among public universities in private support, which was more than \$601 million for fiscal year 2018, when College of Engineering and Knowlton School of Architecture private support exceeded \$49 million.

THE OHIO STATE UNIVERSITY FISHER COLLEGE OF BUSINESS

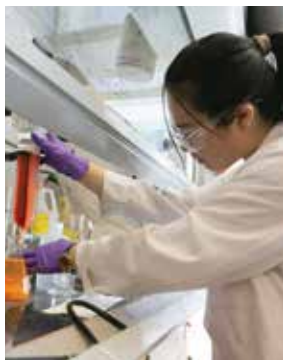
- Full-time MBA program ranked **No. 31** and part-time MBA program ranked No. 14 (U.S. News and World Report, 2020).
- MBA programs in Production & Operations and Supply Chain Management & Logistics are both ranked in the **top 10**.
- Eight research centers, including the fields of entrepreneurship, supply chain and production.

THE OHIO STATE UNIVERSITY – COLLEGE OF ENGINEERING

- Since 2005, more than 275 individual companies have invested in research in the College of Engineering.
- Enrollment includes **8,078 undergraduate and 1,833 graduate students** (2018 enrollment).
- The number of undergraduate engineers and architects has grown steadily from 5,000 in 2006 to 8,622 in 2018.
- Ohio State's undergraduate engineering program is **ranked No. 1** among all Ohio universities and **No. 29** nationally among universities (U.S. News and World Report, 2018).
- OSU's 40-plus research labs and centers include the Center of Automotive Research, Center for Emergent Materials (CEM), Information Processing Systems Laboratory, Institute for Materials Research and Ohio Manufacturing Institute (OMI).

COLUMBUS STATE COMMUNITY COLLEGE

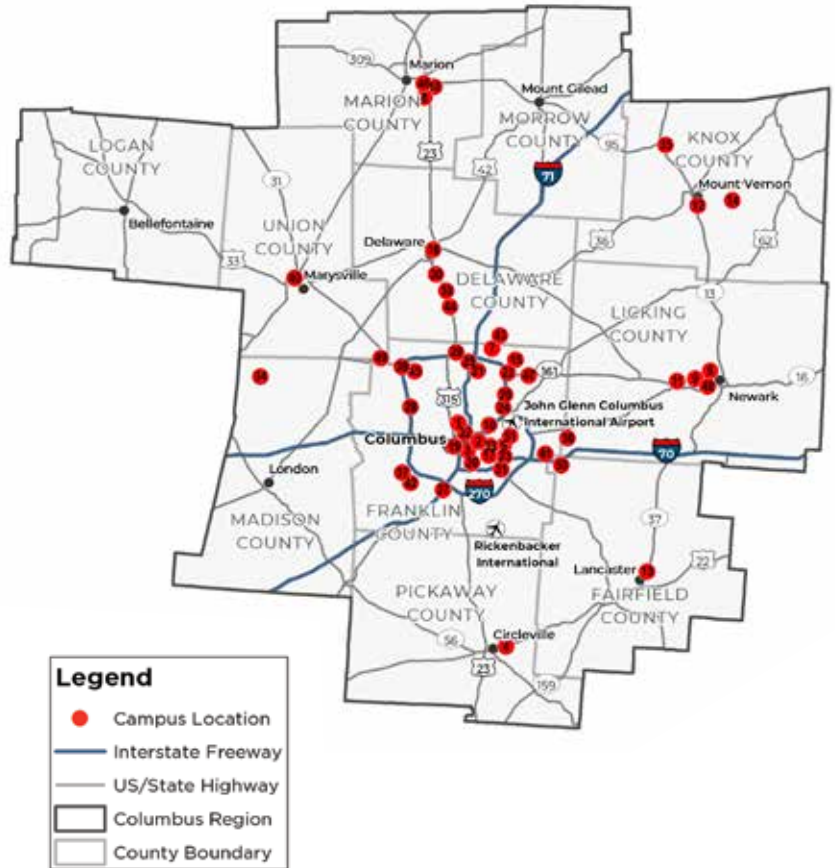
- The largest community college in Ohio and **among the largest in the nation**.
- Offers associate degrees in automotive technology, aviation maintenance, business management, civil engineering, information technology, electro-mechanical engineering, electrical engineering and numerous other business and engineering fields.
- Center for Workforce Development can **provide customized training services for employers**.



COLLEGES & UNIVERSITIES

NO.	COLLEGE/UNIVERSITY	ENROLLMENT
1	The Ohio State University	61170
2	Columbus State Community College	27343
3	Franklin University	4970
4	Ohio Christian University	3660
5	Central Ohio Technical College	3442
6	Capital University	3213
7	Otterbein University	2886
8	The Ohio State University - Newark	2882
9	Marion Technical College	2395
10	Denison University	2394
11	Mount Vernon Nazarene University	2243
12	Hondros College	2109
13	Kenyon College	1730
14	Ohio Dominican University	1716
15	Ohio University - Lancaster	1568
16	Ohio Wesleyan University	1561
17	The Ohio State University-Marion	1252
18	Columbus College of Art and Design	1094
19	Mount Carmel College of Nursing	1090
20	Fortis College	896
21	DeVry University - Columbus	772
22	Chamberlain University-Ohio	557
23	American Institute of Alternative Medicine	425
24	Bradford School	324
25	Valor Christian College	303
26	Felbry College School of Nursing	253
27	Pontifical College Josephinum	150
28	Methodist Theological School	133
29	Daymar College	92
30	Rosedale Bible College	46
31	Ashland University - Columbus Center	—
32	Indiana Wesleyan University	—
33	Central Michigan University - Columbus Center	—
34	Trinity Lutheran Seminary	—
35	Kent State University-School of Library & Information Science	—
36	Central Ohio Technical College - Knox Campus	—
37	Central Ohio Technical College - Pataskala Campus	—
38	Columbus State Community College - Bolton Field	—
39	Columbus State Community College - Delaware Campus	—

COLUMBUS REGION COLLEGE/UNIVERSITY LOCATIONS

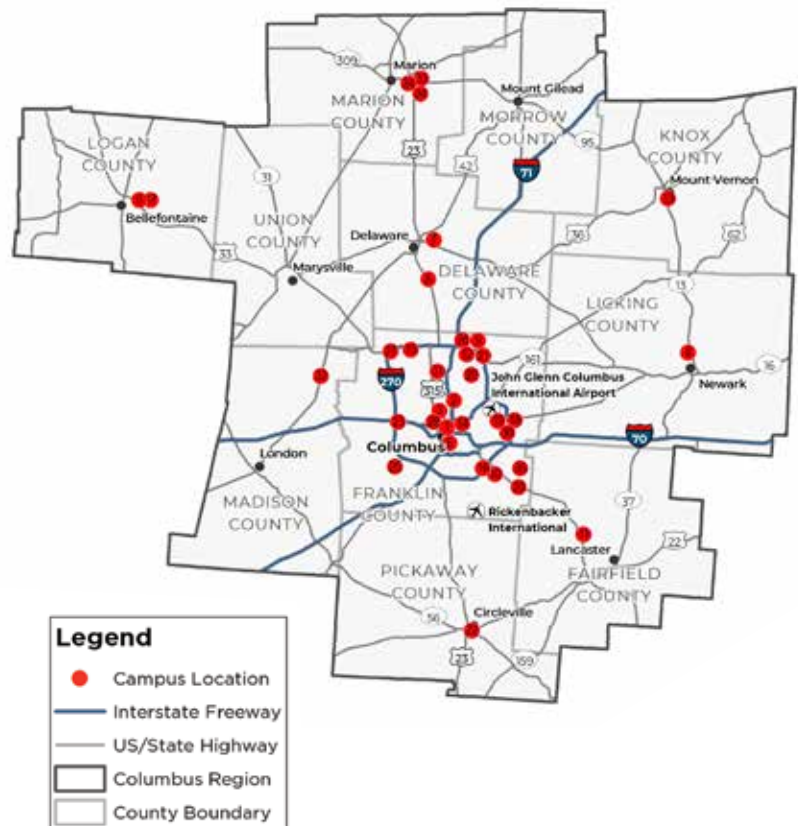


NO.	COLLEGE/UNIVERSITY	ENROLLMENT
40	Columbus State Community College - Delaware Campus	—
41	Columbus State Community College - Dublin Center	—
42	Columbus State Community College - Marysville Center	—
43	Columbus State Community College - Reynoldsburg	—
44	Columbus State Community College - SW Center at Grove City	—
45	Columbus State Community College - Westerville Center	—
46	Franklin University - Delaware Center	—
47	Franklin University - Dublin Center	—
48	Franklin University - Marion Center	—
49	Mount Vernon Nazarene University - Columbus-New Albany	—
50	Mount Vernon Nazarene University - Newark Campus	—
51	Ohio University - Dublin Medical School Campus	—
52	Ohio University - Pickerington Center	—
53	Park University - DSCC	—

Sources: National Center for Education Statistics 2018 Enrollment, Columbus Business First, One Columbus
 *School currently in operation, but enrollment not reported or falls under main campus enrollment count.
 Colleges & Universities defined as 4-year and 2-year schools offering at least an associate's degree or above.

COMMUNITY, TECHNICAL AND VOCATIONAL SCHOOLS		
NO.	COLLEGE/SCHOOL	ENROLLMENT
1	Techskills Columbus (MyComputerCareer.edu)	1223
2	Career and Technology Education Centers of Licking County	316
3	Aveda Institute Columbus	256
4	Knox County Career Center	244
5	Ohio State College of Barber Styling	234
6	Tri-Rivers Career Center	207
7	The Ohio Media School-Columbus	182
8	Ohio Media School-Columbus	182
9	The Spa School	171
10	Eastland-Fairfield Career and Technical Schools - Eastland Career Center	153
11	The Ohio Academy Paul Mitchell Partner School	142
12	Adult and Community Education	136
13	Ohio State School of Cosmetology	100
14	Ohio State School of Cosmetology	53
16	National Personal Training Institute	35
17	Nationwide Beauty Academy	32
18	Dental Assistant Pro LLC - Columbus	14
19	Academy of Court Reporting and Technology	—
20	Clark State Community College (Classes at Ohio Hi Point and Bellefontaine High School)	—
21	Columbus Downtown High School & Career Center	—
22	Delaware Area Career Center - South Campus	—
23	Delaware Area Career Center - North Campus	—
24	Eastland-Fairfield Career and Technical Schools - Fairfield Career Center	—

COLUMBUS REGION TECHNICAL SCHOOL LOCATIONS



NO.	COLLEGE/UNIVERSITY	ENROLLMENT
25	Ohio Hi Point Career Center	—
26	Pickaway-Ross Career & Technology Center - Circleville Campus	—
27	Robotics & Advanced Manufacturing Technology Education Collaborative - RAMTEC	—
28	South-Western Career Technical Academy	—
29	The Computer Workshop Inc.	—
30	The Electrical Trades Center	—
31	Tolles Career and Technical Center	—
32	Tri-Rivers Career Center - Adult Healthcare Campus	—

Source: National Center for Education Statistics 2018 Enrollment, Columbus Business First, One Columbus. Note: (—) School currently in operation, but enrollment not reported or falls under main campus enrollment count. List defined as non-4-year programs offering an associates degree or below.

MAJOR RESEARCH INSTITUTIONS

Central Ohio is home to two of the world's leading private-research institutions, [Battelle](#) and [CAS](#).

BATTELLE

- The [world's largest](#) contract research and development organization, dedicated to scientific, educational, technology and community endeavors and investments.
- Annual research budget of more than [\\$5 billion](#).
- Innovations range from M&M candy coating to drone countermeasure technology.
- Helps commercial clients across a wide range of industries solve challenges.
- Developed Battelle CCDS Critical Care Decontamination System™ to decontaminate biological contaminants in respirator masks

CAS

- A division of the American Chemical Society finding, collecting and [organizing all publicly disclosed substance information](#).
- Updated daily, the CAS database is a standard for chemists worldwide and includes over [150 million records](#).

COLUMBUS COLLABORATORY

- Advanced technology company focused on [driving solutions in the areas of big data, analytics and cyber security](#).
- Brings together a task force of member organizations including American Electric Power, Battelle, Cardinal Health, Huntington, L Brands, Nationwide and OhioHealth.
- Addresses common technology challenges to create solutions that transcend industries, enhance operational efficiencies and improve service for customers.
- Partners with local universities to [attract, develop and retain big data talent](#) and facilitates learning opportunities for IT professionals to pursue continued education and training that keep them ahead of the curve.

IBM CLIENT CENTER: ANALYTICS SOLUTIONS LAB

- IBM's [first dedicated advanced analytics center](#).
- Designs, builds, implements and supports differentiated advanced analytics solutions.
- Fosters a rich environment for collaboration, innovation and delivery by bringing together business, technical and academic communities in the Columbus Region.

THE RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL

- [America's second largest children's hospital](#) in the U.S. and consistently ranked on the *U.S. News & World Report's* Best Children's Hospital Honor Roll.
- A top ten free-standing pediatric research facility based on NIH funding.

OCLC (ONLINE COMPUTER LIBRARY CENTER, INC.)

- Global library cooperative providing shared technology services, original research and community programs.
- [Maintains Dewey Decimal System and WorldCat](#), the world's most comprehensive database of information about library collections.



FINANCIAL AND TECHNICAL RESOURCES

The Columbus Region is home to dozens of organizations that work together to help accelerate the development of ideas into companies and companies into engines of job creation and investment.

REV1 VENTURES

- Provides entrepreneurs with expert advice, connection and capital designed to accelerate startup growth.
- Provides incubator services and growth of entrepreneurial ecosystems through targeted corporate networks.

OHIO SUPERCOMPUTER CENTER (OSC)

- OSC provides a reliable **high-performance computing and communications infrastructure** for a diverse, statewide/regional community including education, academic research, industry and state government.
- With more than two decades of innovation and service, OSC is a fully scalable center with mid-range machines to match those found at the National Science Foundation centers and labs across the nation.

SCIENCE AND TECHNOLOGY CAMPUS CORPORATION (SCITECH)

- A state-of-the-art research park located on The Ohio State University campus linking world-class academic technical expertise with cutting-edge commercial technology-based innovation.
- SciTech's 56+ acre campus is currently comprised of eight buildings with approximately 444,000 SF of office, research, education and specialized laboratory space. In addition, there are another 30 acres of undeveloped land that will accommodate at least 720,000 SF of building space, providing more companies with an opportunity to become part of the spectacular campus environment.

OHIO TECHANGELS

- Provides **investment capital** for commercialization of innovations in IT, advanced materials and medical technology.

OHIO THIRD FRONTIER

- Technology-based economic development initiative that is successfully changing the trajectory of Ohio's economy by supporting existing industries that are transforming themselves with new globally competitive products.
- Provides funding to Ohio technology-based companies, universities, nonprofit research institutions and other organizations to create new technology-based products, companies, industries and jobs.

EDISON TECHNOLOGY CENTERS

The Columbus Region contains three of Ohio's six Edison Technology Centers, which provide product and process innovation and commercialization services to both established and early-stage technology-based businesses:

- **BioOhio:** Statewide center focused on promoting the bio-life sciences industry in Ohio, including pharmaceutical and medical device development. Principal efforts are in assisting small- to medium-sized entrepreneurial organizations by developing and commercializing bio-life sciences technology.
- **EWI:** An internationally recognized membership-based organization that is focused on materials joining technology. EWI conducts research and development for both industry and government.
- **PolymerOhio:** Networking group committed to the global competitiveness and growth of Ohio's polymer industry. Members include Ohio polymer companies, leading polymer academic agencies and service providers.

TRANSPORTATION RESEARCH CENTER INC.

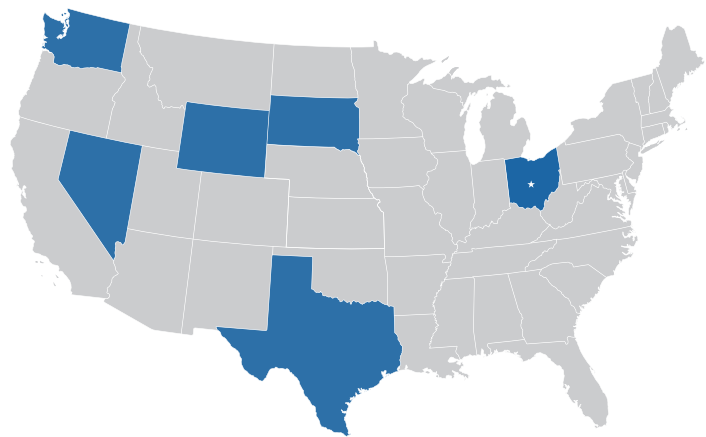
- Established by The Ohio State University's College of Engineering, TRC is a **world-leading provider of vehicular testing services**, providing R&D and compliance and certification testing for vehicles and components for crash testing, emissions testing, dynamic testing and durability testing.
- Home to the Vehicle Research and Test Center (VRTC), the only in-house research, development, test, evaluation and investigation facility of the National Highway Traffic Safety Administration.
- The SMARTCenter, opened in July 2019, gives transportation innovators unparalleled opportunities to test advanced automotive and mobility technologies in a safe, secure and repeatable real-world environment before the vehicles are deployed on public roads and highways.

COST OF DOING BUSINESS

TAXES

STATE AND LOCAL TAX STRUCTURE		
CORPORATE INCOME / FRANCHISE TAX	State	None
	Local	Income tax rates apply to net profits. Approximate average rate of 2.0% across Columbus Region. Apportionment: property, payroll, sales.
COMMERCIAL ACTIVITY TAX (applies only to income where point of sale is Ohio)	State	•Flat fee of \$150 on the first \$1 million in taxable Ohio gross receipts for business exceeding \$150,000. •Tax rate of 0.26% on income >\$1 million: -Plus \$800 if taxable Ohio gross receipts between \$1 million and \$2 million -Plus \$2,100 if taxable Ohio gross receipts between \$2 million and \$4 million -Plus \$2,600 if taxable Ohio gross receipts over \$4 million
	Local	None
INVENTORY TAX	State	None
REAL PROPERTY TAX (commercial/Industrial)	Local	Collected at local level. Average effective rate among Columbus Region tax districts is 2.26%.
SALES TAX	State	5.75%
	Local	County average: 1.41%
PERSONAL INCOME TAX (tax on employee)	State	Brackets from 1.980% on income between \$10,851 and \$16,300 to 4.997% on income above \$217,400. \$1,800-\$2,300 personal/dependent exemption and, if income under \$30,000, \$20 credit. Effective rate on \$35K (1 exemption, no joint filing): 1.85% Effective rate on \$75K (1 exemption, no joint filing): 2.65%
	Local	Rate depends on municipality of employment and residence. Approximate average rate of 2.0% across Columbus Region.

STATES WITH NO CORPORATE INCOME TAX



TOP STATE BUSINESS CLIMATE RANKINGS	
RANK	STATE
1	Georgia
2	North Carolina
3	OHIO
4	Texas
T5	South Carolina
T5	Virginia
7	Tennessee
8	Indiana
9	Alabama
10	Louisiana
11	Arizona

Sources: Ohio Department of Taxation; Site Selection, 2019

OPERATING COST AS A PERCENTAGE OF REVENUE – REGIONAL SAMPLES

The Columbus Region offers lower startup and operating costs than competing metros across many different types of business activity. The following scenarios show the cost of operating as a percentage of revenue.

OFFICE

Project parameters: 200 jobs (office: SOC 13 and 43), 50,000 square feet, \$10M land and building value, \$1M tangible property (30% depreciation), \$100M revenue, \$5M in-state gross receipts, \$10M profit

METRO	PAYROLL	RENT	TAXES	TOTAL COST	COST AS % OF REVENUE
Indianapolis	\$8.23M	\$0.98M	\$1.04M	\$10.27M	10.3%
Tampa	\$7.88M	\$1.30M	\$1.13M	\$10.32M	10.3%
COLUMBUS	\$8.53M	\$1.04M	\$0.75M	\$10.33M	10.3%
Charlotte	\$8.70M	\$1.31M	\$0.72M	\$10.74M	10.7%
Nashville	\$8.28M	\$1.33M	\$1.15M	\$10.77M	10.8%
Atlanta	\$8.49M	\$1.33M	\$1.17M	\$11.00M	11.0%
Dallas	\$8.93M	\$1.31M	\$0.75M	\$11.01M	11.0%
Chicago	\$8.75M	\$1.51M	\$1.69M	\$11.96M	12.0%

LOGISTICS

Project parameters: 200 jobs (warehouse: various from SOC 53), 200,000 square feet, \$10M land and building value, \$25M tangible property (30% depreciation), \$100M revenue, \$5M in-state gross receipts, \$8M profit

METRO	PAYROLL	RENT	TAXES	TOTAL COST	COST AS % OF REVENUE
COLUMBUS	\$5.89M	\$0.73M	\$0.71M	\$7.34M	7.3%
Indianapolis	\$6.14M	\$0.73M	\$1.36M	\$8.24M	8.2%
Dallas	\$6.44M	\$0.85M	\$1.11M	\$8.40M	8.4%
Nashville	\$6.33M	\$0.88M	\$1.27M	\$8.48M	8.5%
Louisville	\$6.67M	\$0.77M	\$1.15M	\$8.61M	8.6%
Chicago	\$6.13M	\$1.01M	\$1.54M	\$8.68M	8.7%
Pittsburgh	\$6.58M	\$1.16M	\$1.33M	\$9.08M	9.1%
Kansas City	\$6.88M	\$0.76M	\$1.47M	\$9.13M	9.1%

MANUFACTURING

Project parameters: 50 jobs (production: SOC 51), 50,000 square feet, \$25M land and building value, \$50M tangible property (30% depreciation), \$30M revenue, \$1.5M in-state gross receipts, \$3M profit

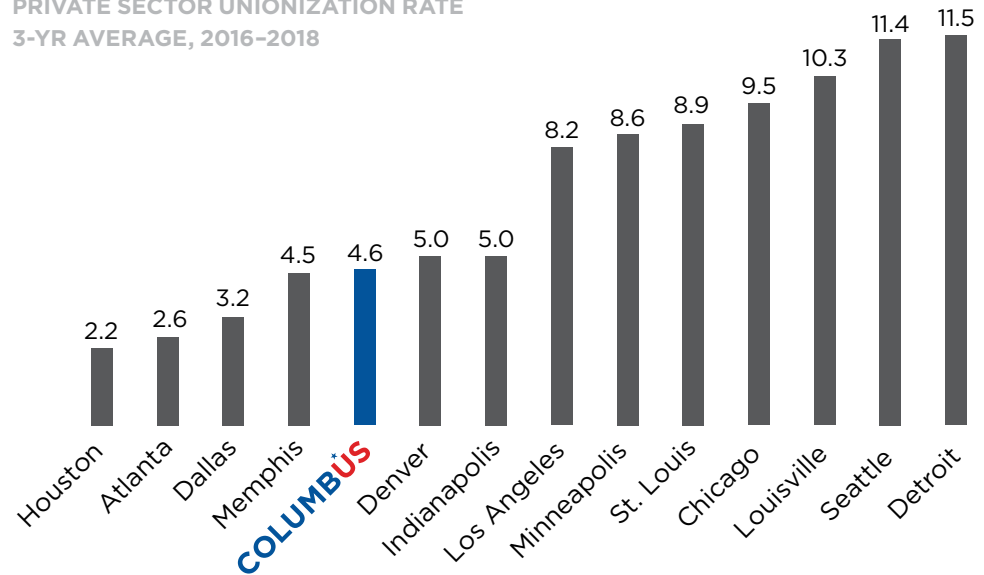
METRO	PAYROLL	RENT	TAXES	TOTAL COST	COST AS % OF REVENUE
COLUMBUS	\$1.79M	\$0.18M	\$0.68M	\$2.65M	8.9%
Louisville	\$1.72M	\$0.18M	\$1.03M	\$2.94M	9.8%
Chicago	\$1.65M	\$0.24M	\$1.18M	\$3.08M	10.3%
Dallas	\$1.59M	\$0.19M	\$1.31M	\$3.10M	10.4%
Detroit	\$1.88M	\$0.26M	\$1.02M	\$3.17M	10.6%
Charleston	\$1.85M	\$0.25M	\$1.19M	\$3.29M	11.0%
Los Angeles	\$1.51M	\$0.53M	\$1.40M	\$3.46M	11.5%
Indianapolis	\$1.70M	\$0.16M	\$1.63M	\$3.50M	11.7%

Sources: One Columbus; EMSI, 2018; Cushman & Wakefield, Q4 2018. Tax expenses included are related to property, corporate income and gross receipts.

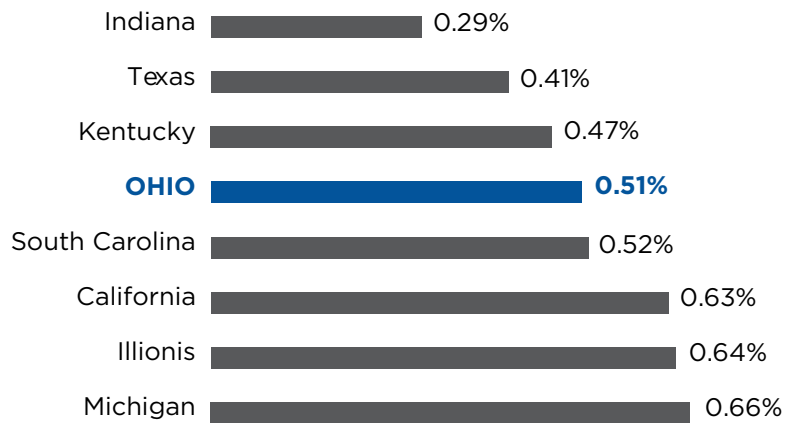


WORKFORCE COST FACTORS

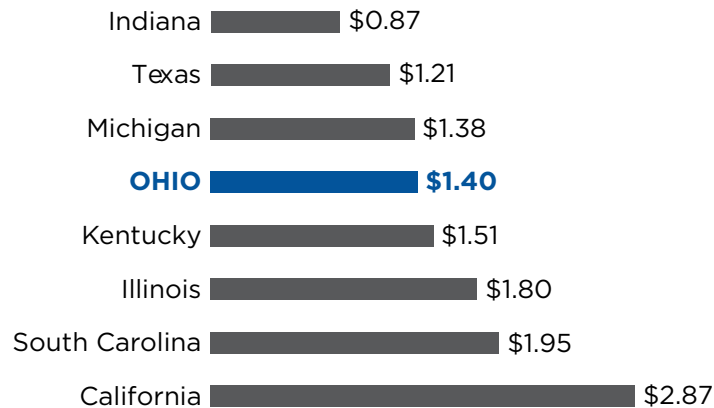
PRIVATE SECTOR UNIONIZATION RATE
3-YR AVERAGE, 2016-2018



UNEMPLOYMENT INSURANCE TAX COST -
AVERAGE EMPLOYER CONTRIBUTION RATES (% OF TOTAL WAGES)



WORKERS' COMPENSATION PREMIUM INDEX RATE

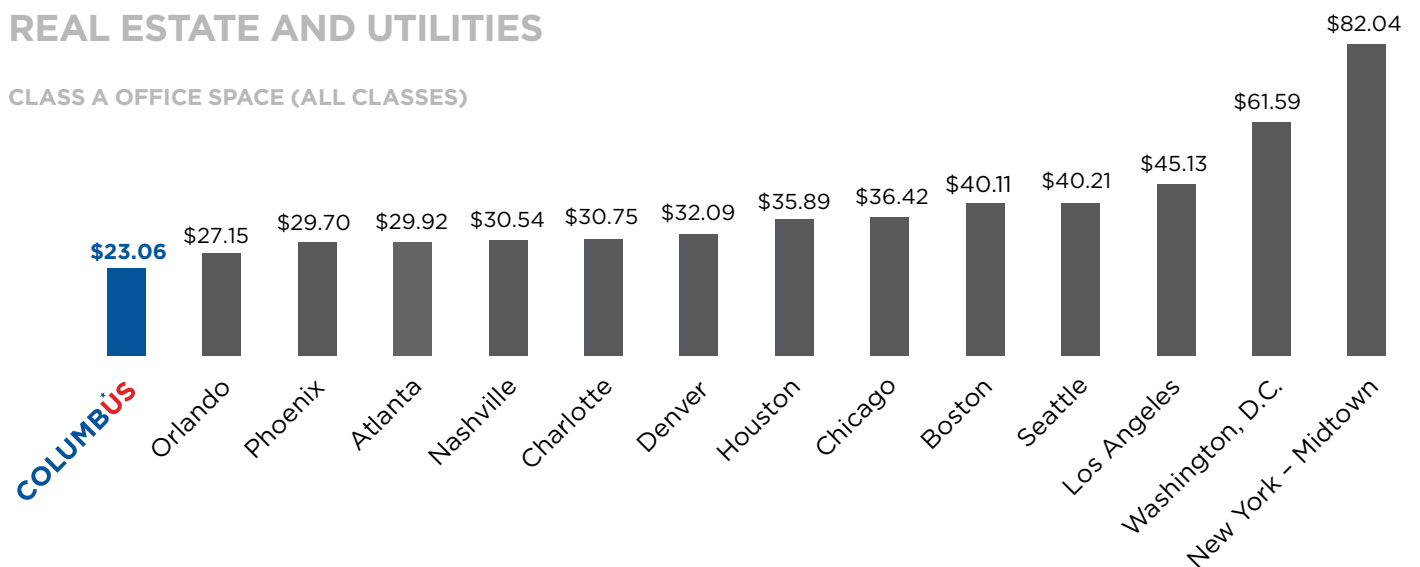


Sources: Union Stats, 2018; U.S. Department of Labor, 2018; Oregon Department of Consumer and Business Services, 2018



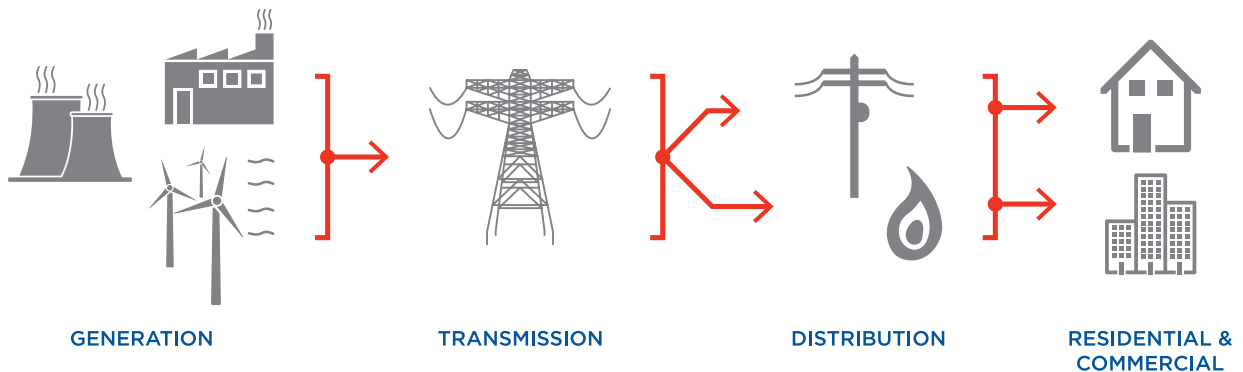
REAL ESTATE AND UTILITIES

CLASS A OFFICE SPACE (ALL CLASSES)



ELECTRIC AND GAS DEREGULATION = ENERGY CHOICE OHIO

Energy Choice Ohio enables many of Ohio's commercial, industrial and residential energy consumers the opportunity to shop for energy options from a diverse group of competitive electricity and natural gas suppliers certified by the Public Utilities Commission of Ohio (PUCO). The electric or gas supplier you choose will work with your local utility company, which will continue to deliver your energy, handle your billing and provide maintenance and emergency services.



Source: Cushman & Wakefield U.S. Office MarketBeat Q1 2019

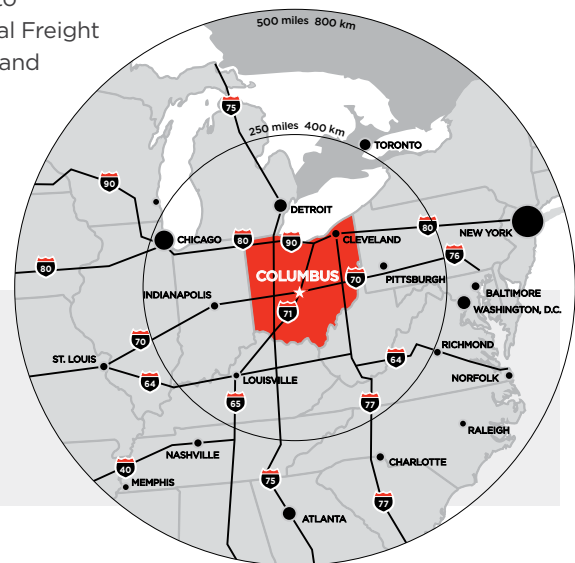


TRANSPORTATION & COMMUNICATIONS NETWORK

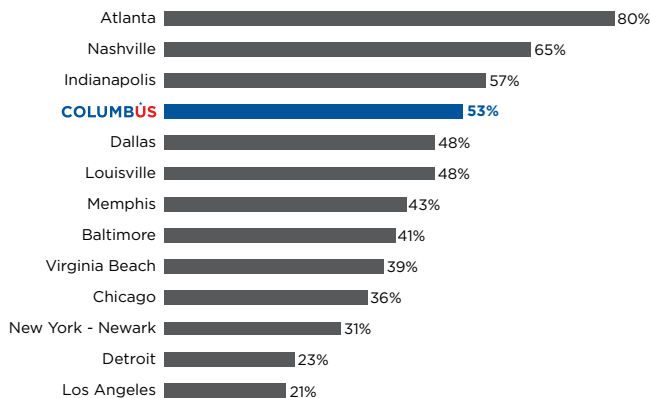
Located in the heart of the Midwest, the Columbus Region provides easy access to major national and global markets. Investment in the North American International Freight Center has helped Columbus continue to be a growing logistics hub for air, truck and freight cargo. The Region's transportation infrastructure allows the cost-effective delivery of products and services anywhere at any time. Central Ohio is located within a 10-hour drive of nearly half the population of the U.S. and one-third the population of Canada.

HIGHWAYS AND ROADS

Crossed by eight major interstate highways, the Columbus Region has easy southbound access through the Mid-Atlantic states to the Southeast. The Region's east-west corridors traverse the country from coast to coast and into the Rockies. Interstate access also provides major benefits to in-state commerce, with easy travel possible from any market in the state to another.



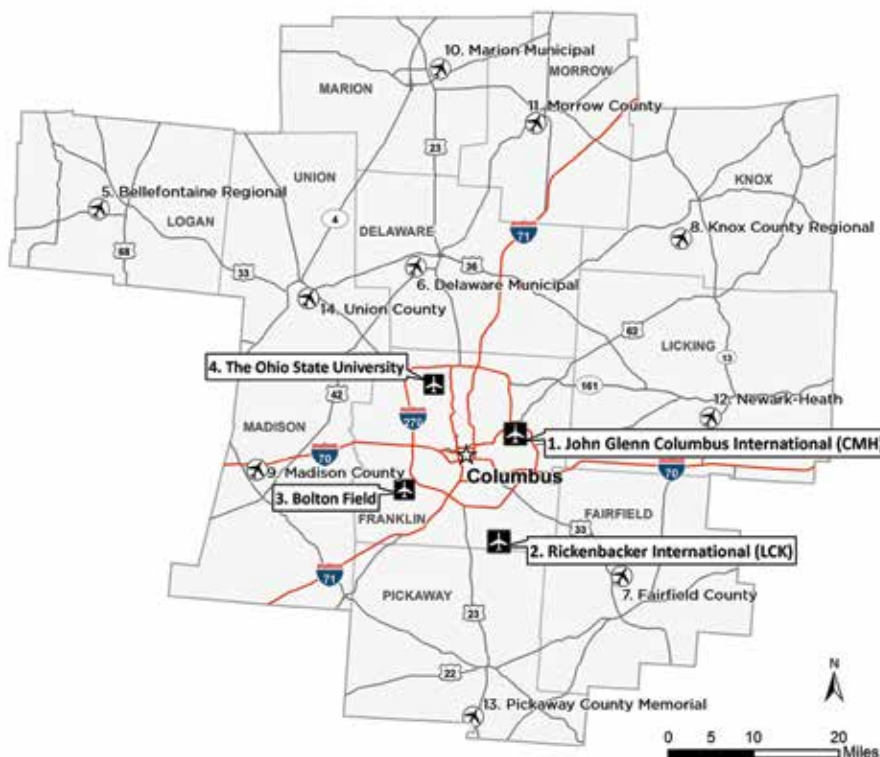
Percentage of roads in good and fair condition by city
(>500,000 in Population)



Source: Tripnet Urban Road Report, November 2018

AIR

MAJOR AIRPORTS IN THE COLUMBUS REGION



JOHN GLENN COLUMBUS INTERNATIONAL

John Glenn Columbus International Airport offers over 160 daily flights to more than 40 destinations. In 2019, the airport served approximately 8.9 million passengers. The John Glenn Columbus Master Plan demonstrates capacity for future expansion and improvements to accommodate beyond 18 million passengers per year.

BUSINESS TRAVEL AMENITIES

- Valet parking
- Free Wi-Fi
- USB and power outlets
- Business center and meeting rooms

COTA AIRCONNECT

COTA operates AirConnect, a daily service between John Glenn Columbus International Airport and key downtown Columbus stops.

RICKENBACKER INTERNATIONAL AIRPORT

Located in the middle of the North American International Freight Center, Rickenbacker International Airport (LCK) is one of the only cargo-dedicated airports in the world.

Rickenbacker International Airport handles more than 150,000 tons of air freight a year and is connected to Europe, the Middle East and Asia.

AIRPORTS IN THE COLUMBUS REGION

PRIMARY PASSENGER AIRPORT

1. John Glenn Columbus International

CARGO-DEDICATED AIRPORT - NON-PRIMARY

2. Rickenbacker International

RELIEVER AIRPORTS

3. Bolton Field
4. The Ohio State University

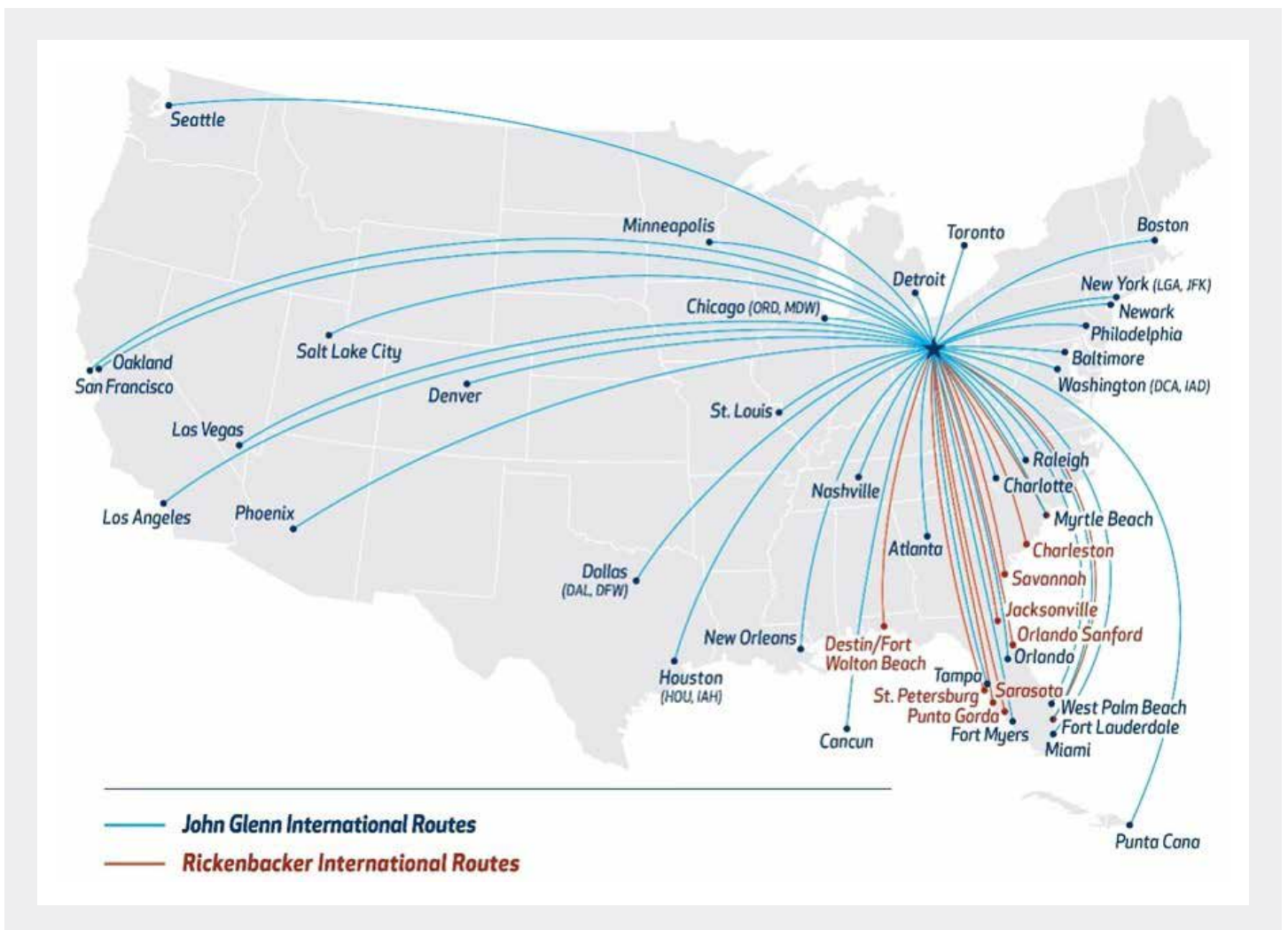
GENERAL AVIATION AIRPORTS

5. Bellefontaine Regional
6. Delaware Municipal
7. Fairfield County (Lancaster)
8. Knox County Regional
9. Madison County (London)
10. Marion Municipal
11. Morrow County (Mount Gilead)
12. Newark-Heath (Newark)
13. Pickaway County Memorial (Circleville)
14. Union County (Marysville)





NONSTOP FLIGHT DESTINATIONS



Source: One Columbus

FREIGHT RAIL AND PORT ACCESS

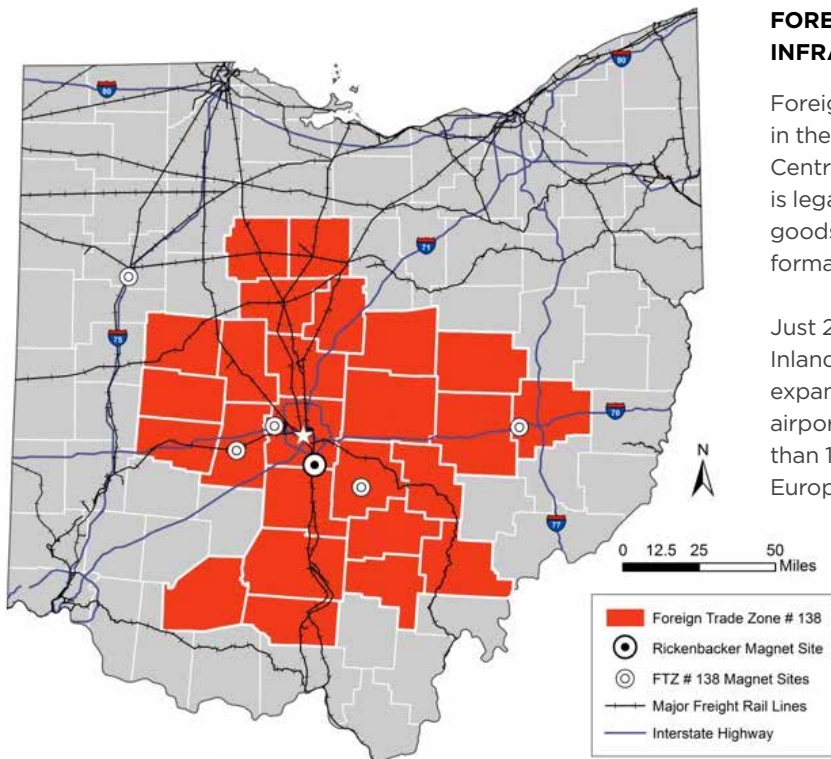
MAP - HEARTLAND AND NATIONAL GATEWAY CORRIDORS

The Heartland Corridor allows double-stacked freight trains to travel directly from the Port of Virginia (Norfolk International Terminals) to a state-of-the-art intermodal facility located at Rickenbacker Inland Port in Franklin County only 20 minutes from downtown Columbus.



The National Gateway Corridor provides the Columbus Region additional port connections in Baltimore, MD, and Wilmington, NC, an advantage for gaining access to the global marketplace.





FOREIGN TRADE ZONE #138 AND TRANSPORTATION INFRASTRUCTURE

Foreign-Trade Zone #138 is one of the 10 most active FTZs in the nation, encompassing a 25-county service area in Central Ohio. Based at Rickenbacker Inland Port, FTZ #138 is legally considered outside of customs territory, allowing goods to move through the site duty-free and without formal customs entry.

Just 20 minutes from downtown Columbus, Rickenbacker Inland Port is a fully integrated hub with a plan for strategic expansion. One of the world's few cargo-dedicated airports, Rickenbacker International Airport handles more than 150,000 tons of air freight a year and is connected to Europe, the Middle East and Asia.

INTERNATIONAL CARGO FLIGHTS

AirBridgeCargo – From Moscow, Russia (SVO), to LCK and back to Moscow through Frankfurt, Germany (FRA)

China Airlines Cargo – To and from Taipei, Taiwan (TPE)

Cargolux – From Hong Kong (HKG) with outbound service to Europe through Luxembourg (LUX)

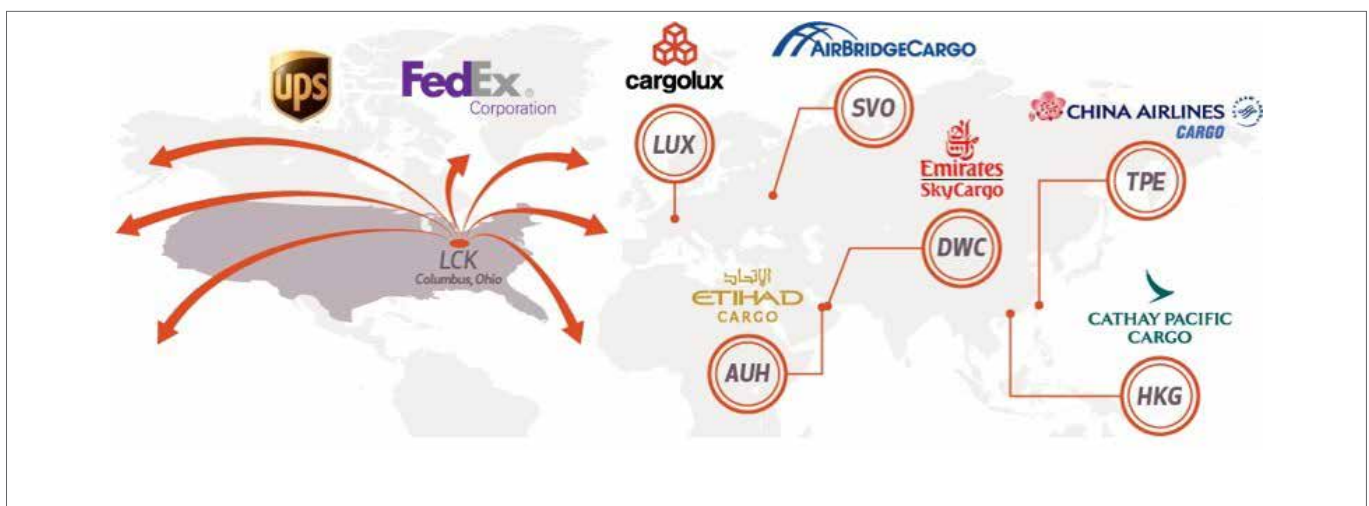
Cathay Pacific – To and from Hong Kong (HKG)

Emirates – To and from Dubai with European traffic rights (BRU)

Etihad – To and from Abu Dhabi through Amsterdam (AMS) and Frankfurt (FRA) on the way back

Total Airport Services

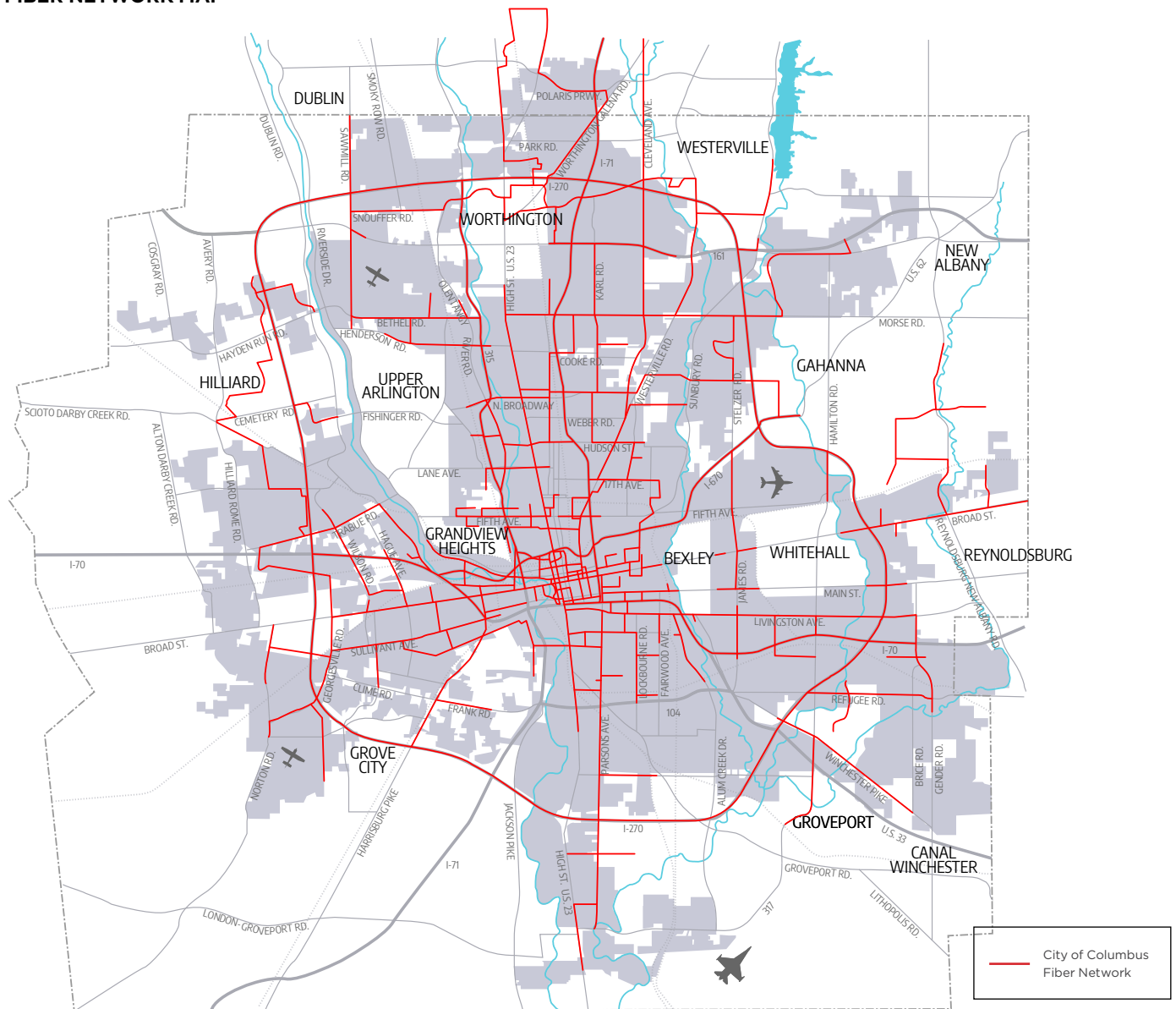
Total Airport Services is our air cargo terminal services provider that offers import and export handling services for our international flights



FIBER NETWORK

The City's Municipal Fiber Network offers nearly 800 miles of accessible fiber and connects to multiple data centers throughout the City.

CITY OF COLUMBUS MUNICIPAL FIBER NETWORK MAP



QUALITY OF LIFE

HIGHLIGHTS

- Wide range of entertainment and recreation options
- Top ranked zoo, public library and science museum in the nation
- Affordable housing market, diverse housing communities
- Commute time below the national average
- Healthcare providers among the best in the country
- Cost of living well below other metro areas

FESTIVALS & EVENTS			
JANUARY	FEBRUARY	MARCH	APRIL
<ul style="list-style-type: none"> - Ohio Boat & RV Show - AAA Great Vacations Expo - Columbus Winter Beerfest 	<ul style="list-style-type: none"> - Central Ohio Home & Garden Show 	<ul style="list-style-type: none"> - Columbus International Film & Animation Festival - Columbus International Auto Show - Arnold Sports Festival 	<ul style="list-style-type: none"> - Equine Affaire
MAY	JUNE	JULY	AUGUST
<ul style="list-style-type: none"> - Capital City 1/2 Marathon - Ohioana Book Festival - Komen Columbus Race for the Cure - Asian Festival - COSI Science Festival 	<ul style="list-style-type: none"> - Columbus Arts Festival - Origins Game Fair - Pride Festival - Creekside Blues & Jazz Festival - Juneteenth Celebration - ComFest - Tour de Grandview Cycling Classic - German Village Haus und Garten Tour - Memorial Tournament 	<ul style="list-style-type: none"> - Red, White & Boom! - Dooh Dah parade - Goodguys PPG Nationals - North Market Food & Ohio Wine Festival - Franklin County Fair - Lancaster Festival - Jazz & Rib Fest - Ohio State Fair - Columbus Gospel Fest 	<ul style="list-style-type: none"> - Dublin Irish Festival - Pelotonia - Festival Latino - India Festival
SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
<ul style="list-style-type: none"> - Delaware County Fair - New Albany Classic Invitational Grand Prix & Family Day - Columbus Oktoberfest - Greek Festival 	<ul style="list-style-type: none"> - All American Quarter Horse Congress - Italian Festival - Circleville Pumpkin Show - Columbus Marathon - HighBall Halloween 	<ul style="list-style-type: none"> - Columbus Jewish Film Festival - Wildlights 	<ul style="list-style-type: none"> - First Night Columbus

MAJOR SPORTING EVENTS

Arnold Sports Festival	Mar
Columbus Blue Jackets (NHL)	Oct-Apr
Columbus Clippers (AAA baseball)	Apr-Sep
Columbus Crew (MLS)	Mar-Oct
Honda Indy 200 at Mid-Ohio	Jul
Columbus International Film & Animation Festival	Mar
Memorial Tournament (PGA)	May-Jun
The Ohio State University (NCAA sports)	Aug-May (varying)

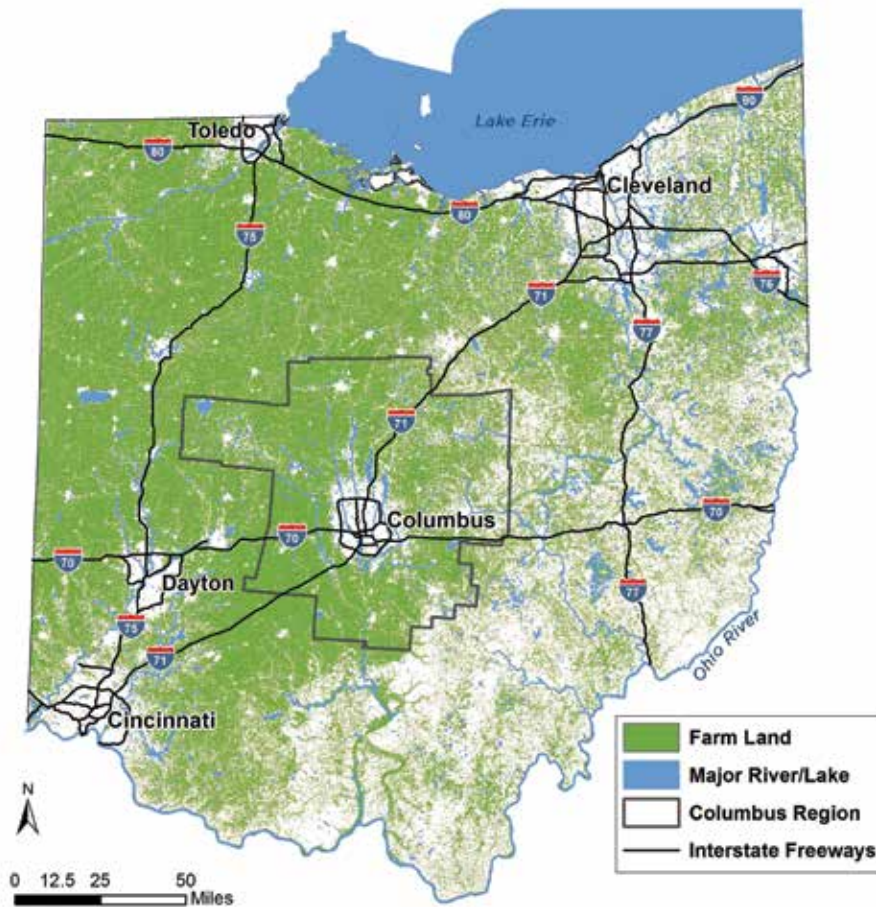
ARTS & CULTURAL ATTRACTIONS

BalletMet
CATCO
Center of Science and Industry (COSI)
Columbus Jazz Orchestra
Columbus Museum of Art
Columbus Symphony Orchestra
Columbus Zoo and Aquarium
Franklin Park Conservatory
The Kings Arts Complex
Lincoln Theatre
National Veterans Memorial and Museum
Ohio Historical Center
Ohio Theatre
Olentangy Indian Caverns
Opera Columbus
Palace Theatre
Short North Arts District
Wexner Center for the Arts



WEATHER AND CLIMATE

Situated in the middle of Ohio, the Columbus Region has a rich and varied climate. Columbus enjoys seasonal variability with cold winters and warm, humid summers.



COLUMBUS MONTHLY CLIMATE SUMMARY				
MONTH	DAILY MAX TEMP. F°	DAILY MIN TEMP. F°	MEAN TEMP. F°	PRECIP. (INCHES)
January	36.5	22.6	29.6	2.73
February	40.6	25	32.8	2.25
March	51.1	32.7	41.9	3.02
April	63.5	42.6	53.1	3.4
May	72.9	52.2	62.5	4.17
June	81.6	61.5	71.5	4.01
July	84.9	65.5	75.2	4.79
August	83.7	64.1	73.9	3.32
September	77	56.5	66.8	2.84
October	65.1	45	55	2.61
November	52.6	36.1	44.4	3.2
December	40.1	26.8	33.5	2.97
Annual	62.6	44.3	53.4	39.3

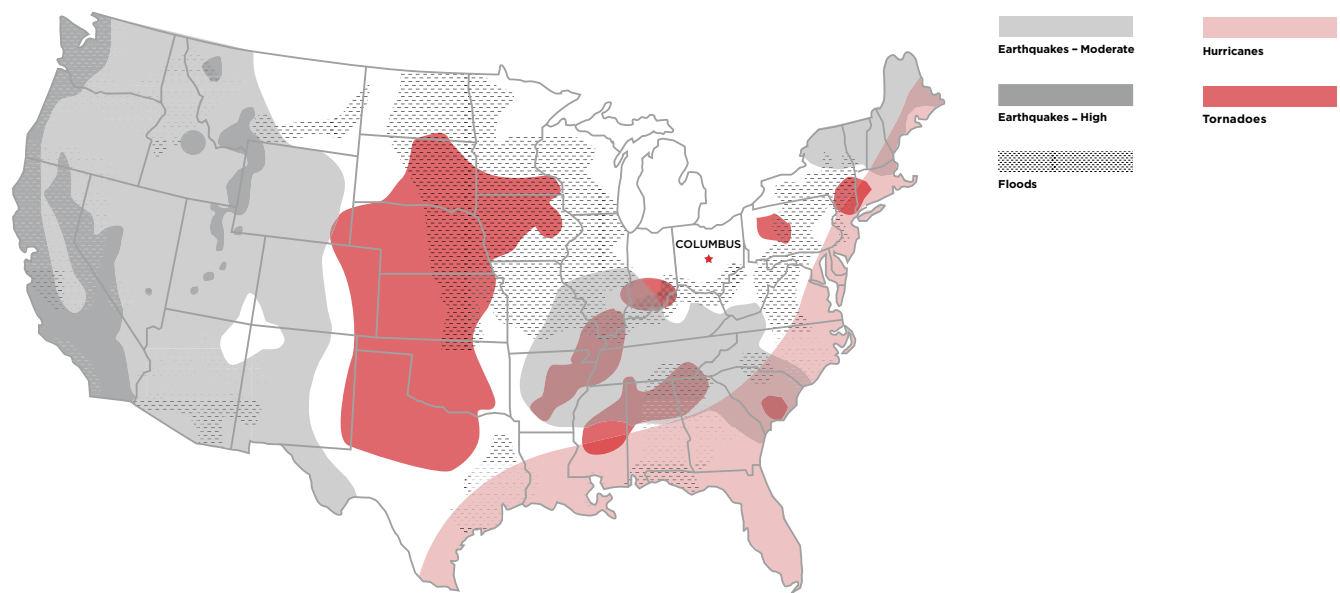
Sources: NOAA National Climatic Data Center, 30 Year Averages; NOAA National Climatic Data Center

PRECIPITATION

- Columbus is favored with a balanced rainfall throughout the year. Each month averages at least two inches of rainfall, while none average more than five.
- Located outside of the Midwestern lake effect Snow Belt, Columbus receives on average 26.7 inches of snow annually in comparison to 36.3 in Chicago and 68.1 in Cleveland (NOAA Comparative Climatic Data, 30-year Averages).
- Columbus enjoys a broad June through September peak in sunshine and relatively cloud-free conditions, each month receiving slightly more than 60 percent of maximum possible sunshine.

LOW RISK OF NATURAL DISASTERS

- The Columbus Region is located outside major U.S. earthquake, hurricane, volcano and tsunami zones.
- Any severe weather typically includes occasional tornadoes, hail, high winds and winter storms.
- Severe droughts and floods are a rare occurrence for the city. While flooding does occur occasionally, it is restricted to lowland areas, as most rainfalls can be handled effectively by area stream and river basins. Droughts in Ohio occur on average two times per decade.



WEATHER FACTS

- July is the average warmest month.
- The highest recorded temperature was 106 degrees F in 1934.
- The average coolest month is January.
- The lowest recorded temperature was -22 degrees F in 1994.
- The maximum average precipitation occurs in July.

TOPOGRAPHIC FEATURES

- The Columbus Region lies in between the vast flat rolling terrain of the west and north and the majestic foothills of the Appalachian Mountains in the southern and eastern portions of the state. This provides residents with access to a variety of seasonal outdoor recreational options including boating and hiking in the summer and snow skiing in the winter. In fact, the Metro Parks system comprises 19 natural area parks with a combined 27,000 acres of land and water in seven Central Ohio counties.



CLIMATE AND THE ECONOMY

- Due to its location and atmospheric conditions, Ohio is a water-rich state, providing resources for commerce, agriculture and recreation. The state boasts 74 state parks, 34 with marinas, and 60,000 miles of streams. Lake Erie lies along 262 miles of its northern border, and the Ohio River spans 436 miles of the southern border. A great beneficiary of Ohio's water-rich environment is agriculture. Corn and soybeans are the top Ohio crops, followed by dairy products, greenhouse and nursery products. Ohio leads the country in egg and cheese production and ranks among the top state producers of flowers, especially poinsettias. Other crops include: winter wheat, hay, tomatoes for processing, apples, grapes, sweet corn, mushrooms, maple syrup and more. Ohio also harvests and exports a significant amount of its hardwood forests in the southeastern hills.

Other cities for comparison:

COLUMBUS HEATING AND COOLING DEGREE DAYS*			MINNEAPOLIS HEATING AND COOLING DEGREE DAYS			AUSTIN HEATING AND COOLING DEGREE DAYS		
MONTH	HEATING DEGREE DAYS	COOLING DEGREE DAYS	MONTH	HEATING DEGREE DAYS	COOLING DEGREE DAYS	MONTH	HEATING DEGREE DAYS	COOLING DEGREE DAYS
January	1,099	0	January	1,531	0	January	428	9
February	901	0	February	1,236	0	February	297	18
March	717	1	March	998	0	March	162	61
April	372	14	April	530	5	April	38	164
May	145	69	May	218	37	May	2	361
June	19	216	June	44	158	June	0	516
July	1	317	July	5	276	July	0	620
August	4	280	August	14	205	August	0	645
September	69	121	September	154	66	September	2	450
October	325	16	October	507	6	October	29	221
November	620	1	November	939	0	November	181	61
December	978	0	December	1,404	0	December	400	13
Annual	5,250	1,034	Annual	7,581	752	Annual	1,540	3,140

* Degree day data are used to estimate amounts of energy required to maintain comfortable indoor temperature levels. Daily values are computed from each day's mean temperature (max + min/2). Each degree that a day's mean temperature is below or above 65 degrees Fahrenheit is counted as one heating or cooling degree day. These measurements can help relate each day's temperatures to the energy required to heat and cool buildings and can be very helpful in understanding and comparing electric usage.

For example, if the low temperature for a day was 40° and the high temperature was 70° (40° + 70° = 110°), the average was 55° (110°/2 = 55°). This average is 10 degrees colder than 65°, so this day had 10 heating degree days.

Any average daily temperature below 65° would represent a heating degree day, because you would operate the heater to offset the colder weather.

Sources: NOAA National Climatic Data Center, 30 Year Averages; NOAA National Climatic Data Center, Climate of Ohio Report



COLUMBUS RECREATION AND PARKS DEPARTMENT

Columbus Recreation and Parks Department's (CRPD) mission is to connect the people of our community through the power of nature, wellness and creativity. With nearly 400 parks, 29 community centers, five athletic complexes, six golf courses, 33 pollinator gardens, 13,600 acres of parkland and 320 miles of regional trails, our vision is to ensure every resident has access to all of our department's many services.

RECREATION

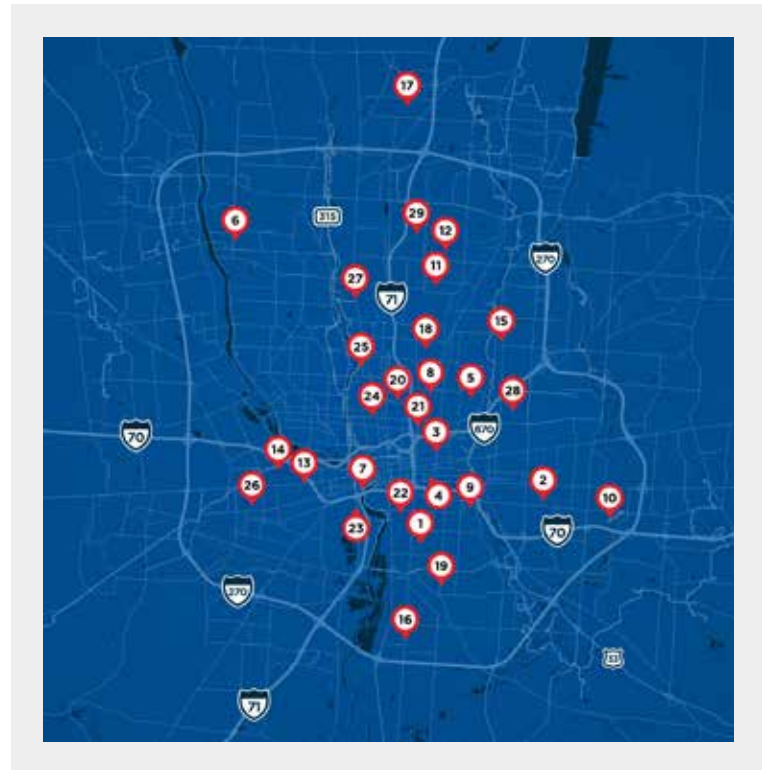
- 29 community centers
- Facilities for cultural arts, outdoor education and therapeutic recreation
- 5 athletic complexes
- 8 outdoor pools and an indoor aquatics center
- 5 splash pads and interactive fountains
- 6 golf courses

PARKS

- Nearly 400 parks totaling 13,600 acres of parkland
- 320 miles of regional trails
- 33 pollinator gardens
- 3 reservoirs totaling 4,240 acres
- 14 nature preserves
- 5 dog parks

RENTABLE SPACES

- 10 enclosed shelters
- 16 open-air shelters

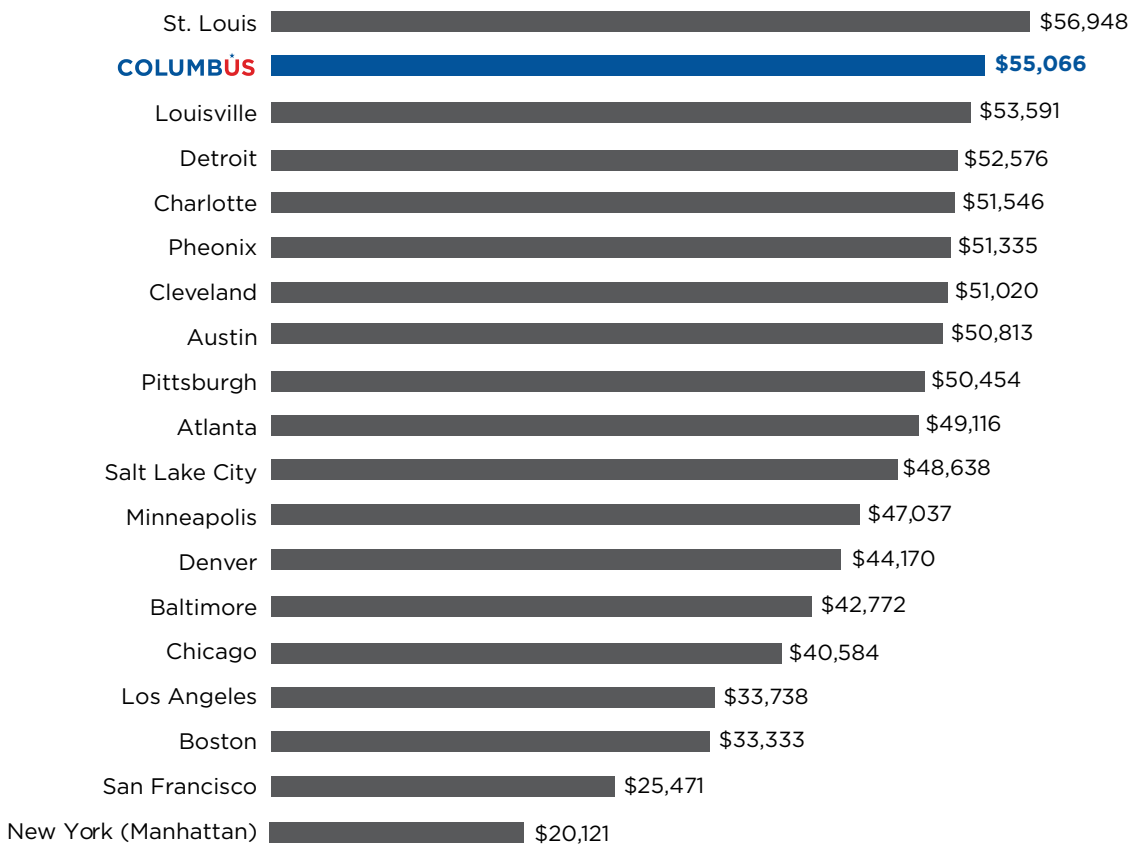




AFFORDABILITY

With cost of living nearly 10 percent more affordable than the U.S. average, dollars earned stretch further in the Columbus Region than in other higher cost metros.

SALARY OF \$50,000 ADJUSTED BASED ON COST OF LIVING



Source: The Council for Community and Economic Research (C2ER, 2018)

HEALTHCARE

U.S. NEWS & WORLD REPORT'S 2019-2020 HONOR ROLL

HOSPITAL	NO. OF SPECIALTIES NATIONALLY RANKED	NO. OF SPECIALTIES HIGH-PERFORMING	NO. OF PROCEDURES/ CONDITIONS HIGH-PERFORMING
Ohio State University Wexner Medical Center	4	7	8
Nationwide Children's Hospital	10	-	-
OhioHealth Riverside Methodist Hospital	-	1	7
The Ohio State University James Cancer Hospital	1	-	-
OhioHealth Grant Medical Center	1	-	1
Mount Carmel East and West Hospitals	-	-	5
OhioHealth Doctors Hospital	-	-	1
Mount Carmel New Albany Surgical Hospital	-	-	2
Mount Carmel St. Ann's Hospital	-	-	2
OhioHealth Dublin Methodist Hospital	-	-	1

Source: U.S. News & World Report, 2019-2020

COLUMBUS REGION HOSPITAL ADMISSIONS

2017 ADMISSIONS	HOSPITAL	EMPLOYEES
105,519	OhioHealth Hospital Network	26,599
73,715	The Ohio State University Health System	26,123
60,694	Mount Carmel Health System	8,708
17,660	Nationwide Children's Hospital	12,023
12,221	Fairfield Medical Center	1,928
8,858	Licking Memorial Hospital	1,953

Source: Columbus Business First, 2018-2019; Ohio State University Wexner Medical Center

NUMBER OF REGISTERED BEDS

OhioHealth Riverside Methodist Hospital	1,050
OSU Wexner Medical Center - University Hospital	746
OhioHealth Grant Medical Center	636
Nationwide Children's Hospital	527
Mount Carmel West	514
Mount Carmel East	461
OSU Wexner Medical Center - University Hospital East	404
Mount Carmel Saint Ann's	389
OSU James Cancer Hospital	308
OhioHealth Doctor's Hospital	251
Licking Memorial Hospital	227
Fairfield Medical Center	222

Source: Columbus Business First, Book of Lists 2017-2018

NOTES

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