Regional Chamber
Youngstown • Warren

Youngstown/Warren Regional Chamber

Metropolitan Profile

A GREAT LOCATION....

A great location and a logical center for your business. Youngstown-Warren Ohio is the only metro area centered between Chicago and New York, providing easy overnight ground access to both.

Youngstown is also equally located between two major cities, Cleveland and Pittsburgh.

With a great infrastructure and the ability to easily move products through the area, Youngstown/Warren metro area is the ideal place to locate your company.

It is strategically located within 500 miles of:

- 60% of the U.S. effective buying income.
- 40% of the Canadian population.
- 55% of all U.S. manufacturing.
- 10 of the top 25 U.S. metro markets.
- 50% of the U.S. population.
- 41% of all U.S. Households
- 55% of all manufacturing facilities
- 58% of the top 500 U.S. industrial headquarters
- 56% of the top 500 U.S. service corporate

It is within 75 miles of CLEVELAND, PITTSBURGH, AKRON, CANTON, ERIE and.....

- 6.8 million people
- 10,650 manufacturing plants
- 10,320 wholesale/distribution centers
- 20 Fortune 500 company world headquarters
    - 2 international airports – that move 177 million tons of cargo per year
    - 3 regional airports
    - Lake Erie shipping
    - Ohio River ports
    - 95 college and university campus locations
    - the center of the Cleveland-Youngstown-Pittsburgh TechBelt

The *Youngstown-Warren-Boardman, OH-PA* Metropolitan Statistical Area (MSA) is comprised of Trumbull and Mahoning Counties in Ohio and Mercer County in Pennsylvania. The area includes the cities of Warren, Youngstown and Sharon. Columbiana County is just south of the region and is included in the *Youngstown-Warren-East Liverpool, OH-PA* Combined Statistical Area (CSA), as designated by the U.S. Census.

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The Youngstown/Warren Regional Chamber is Mahoning Valley's source for economic development information and assistance.

The Regional Chamber's Economic Development Division provides a broad range of economic development services to prospective and existing area firms. We help companies grow by furnishing facts and assistance that is tailored to fit individual business needs, including information on:

- Available Land and Buildings
- Low Interest Financing
- International Trade Opportunities
- Tax Credits and Abatements
- Training Grants and Infrastructure Funding

….. and much more…

Our team works in partnership with you in order to maximize your company's success. We have helped more than 400 firms make new investments totaling $2.6 billion. Our experience can help turn your vision into reality.

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Why Choose Youngstown-Warren, Ohio?

It's The Best Place To Be...

That is what Entrepreneur and Site Selection magazines say about the area as they ranked it one of the best locations to position a business!

Center of the TechBelt...

Youngstown-Warren sits midway between Cleveland and Pittsburgh in the Northeast Ohio-Western Pennsylvania TechBelt. This area is successfully transitioning to a technology and knowledge-based economy by leveraging its industrial and academic strengths.

We Are Not Rusty Anymore...

With in just the past two years, 107 businesses have invested $682 million here, creating 4,510 new jobs - proving this is the place to be in today's global economy. We are a center for advanced manufacturing, distribution and back office activity.

In fact, during the second quarter of 2010, we led the nation in manufacturing job growth and ground was broken on one the largest manufacturing projects anywhere in North America.

Hub of Innovation...

The area was just designated Ohio's Entrepreneurial Hub of Advanced Materials Commercialization and Software Development.

Unparalleled Market Access...

This is the only place that offers effective overnight ground access to both New York City and Chicago - both are within an 8 hour drive.

Easy and Uncongested Connectivity...

I-80 and I-76 run through the heart of region, which is also served by 5 airports (2 international), 2 class 1 rail service providers and direct highway access to Lake Erie and Ohio River ports.

Our Low Costs & Your Bottom Line...

The region's low cost business environment, coupled with its low cost of living is consistently below the U.S. average and the housing market is ranked as one of the most affordable in the nation.

Available and Productive Employees...

There is an abundant supply of available, affordable and highly productive labor. With a mid-western, get it done attitude, our diverse workforce has proven it can exceed the demands of any business setting.

Our Thirst For Knowledge...

Youngstown State University, with its more than 14,000 students, Kent State University's regional campuses, Walsh University and the new Eastern Ohio Community College provide outstanding educational opportunities, plus there are more than 95 higher-ed campuses within just a 2 hour drive.

It's an Exciting and Vibrant Place To Live...

Outstanding parks, museums, theaters, art galleries, sporting events, golf courses, county clubs, live concert and event venues, biking and hiking trails, lakes, night-spots, health clubs and much more provide residents with a dynamic choice of recreational opportunities.

Quick Facts

MSA Region:

Youngstown-Warren Boardman, OH-PA

Location:

Northeast Ohio, Western Pennsylvania

Population: 565,773

Households: 233,937

Median Household Income: $41,523

Per Capita Income: $22,214

Median Housing Value: $100,800

Median Housing Cost: $1,092 monthly

Median Rent: $571 monthly

K-12 Schools: 231

K-12 Enrollment: 82,270

Trade Schools, Colleges and Universities: 30

Higher Education Enrollment: 31,185

Hospitals: 16

Primary Care Physicians: 550

Cost of Living Index: 92.2

Industrial Parks: 32

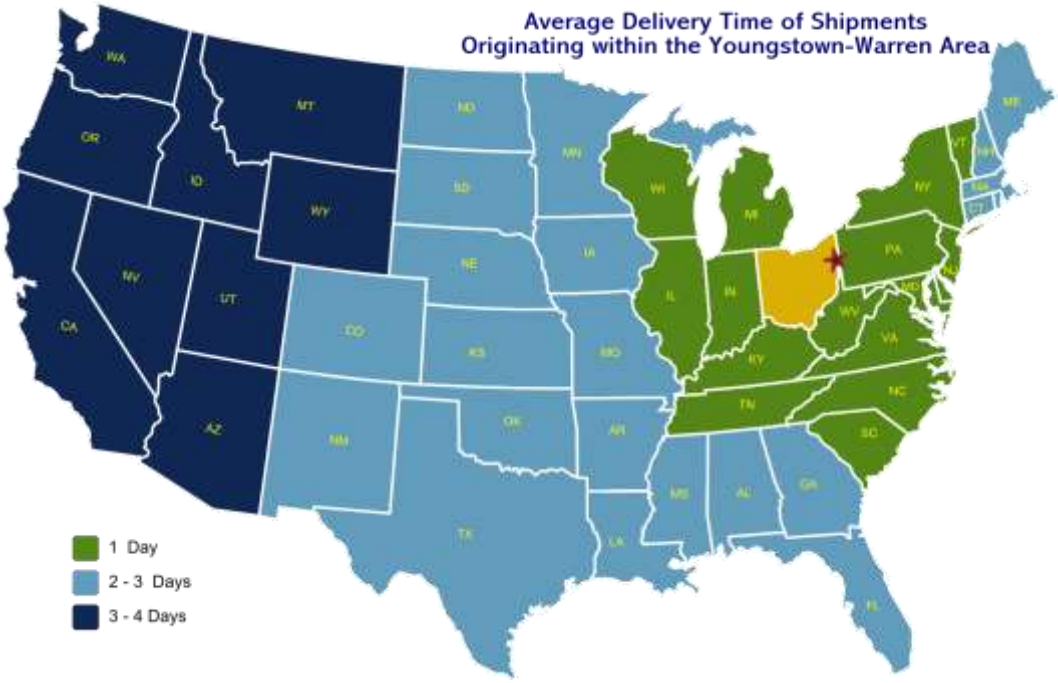
Airports:

Youngstown-Warren Regional Airport

Highways: I-80, I-76, I-680, SR 11, SR 82

Elevation: 980 ft.

Because of the great location, shipping cargo to the region is easy by air, highway, rail or water port.



LAKE ERIE PORTS	OHIO RIVER PORTS	RAILROADS	ROADWAYS
Ashtabula	Pittsburgh	Amtrak	Ohio Turnpike (east-west)
Cleveland	East Liverpool	CSX	I-76/I-80 (east-west)
Conneaut	Wellsville	Norfolk & Southern	State Route 82 (east-west)
Erie		*and several Short Lines*	I-79 (north-south)
			State Route 11 (north-south)
			State Route 711 (north-south)

LAND DISTANCE TO MAJOR MARKETS

Rank by Population	Metro Market	Miles	Shipping Days
1	New York	410	1
3	Chicago	415	1
6	Philadelphia	375	1
9	Washington	312	1
10	Boston	600	2
11	Detroit	230	1
20	Baltimore	307	1
22	Pittsburgh	66	1
25	Cincinnati	278	1
28	Cleveland	85	1

Source: Editor and Publisher Market Guide, 2010

According to the Bureau of Transportation Statistics, nearly all shipments require the use of more than one mode of transportation to reach their final destination. Infrastructure within the Youngstown-Warren region provides a one-of-a-kind logistical environment to meet all your shipping and cargo needs.

Shipping Statistics:

* Cleveland Hopkins International Airport moves 92 million tons and Pittsburgh International Airport moves 85 million tons of cargo annually.
* The Ohio River Waterway accounts for more than one-third of the maritime cargo moving inland in the U.S.
* More than 14 billion vehicle miles were traveled on Ohio interstates, freeways and expressways in 2008.
* Together CSX and Norfolk Southern Corporation operate over 4,100 miles of railroad in Ohio.

GET HERE QUICKLY....

Youngstown-Warren features two international airports and three regional airports within an hour's drive.

Daily direct flights from Cleveland (CLE), Pittsburgh (PIT) and Akron-Canton (CAK) airports to major U.S. cities.

Airport Distance and Drive Times:
Cleveland Hopkins International Airport—
(60 miles) 1 hour
Pittsburgh International Airport—
(60 miles) 1 hour
Akron-Canton Regional Airport—
(48 miles) 45 min

Cleveland Hopkins International Airport (CLE) and Pittsburgh International Airport (PIT) as well as Akron-Canton Regional Airport (CAK) emplane more than 19 million passengers and move 134 million tons of cargo annually.

The area is only one flight away from major cities in the U.S., with direct service to nearly 200 airports around the nation.

International travelers can easily reach the region with just two flights.
See the chart below for approximate travel hours between world cities.

International Destination to HUB (hours)	Atlanta	Boston	Chicago	Cincin-nati	Dallas	Detroit	Houston	Los Ange-les	Miami	New York	Philadel-phia	Pitts-burgh	San Francisco	Seattle	Washing-ton DC
Amsterdam	10.25	8.25	9.50		12.50	8.50	13.00	16.00	11.75		8.25		15.55	15.25	8.50
Athens										11.00					
Beijing			14.75					17.50		15.25			16.55		
Brussels	10.25		9.50		12.75		13.00	16.25		8.50					8.50
Buenos Aires	11.50				12.50		13.00		11.25	12.00					11.25
Copenhagen	11.75		9.75							9.00					9.00
Dubai	12.00						19.50	21.75		15.25			21.30		15.25
Dusseldorf	10.50		9.75						12.00	8.75					
Frankfurt	10.75	8.75	10.00		13.00	9.00	13.50	16.50	12.25	9.00	8.75		16.05	15.00	9.00
Geneva										9.00					9.00
Hong Kong			17.25					19.50		17.75			18.55		
London	10.00		9.00		12.50	8.25	12.50	15.75	11.50	8.25	8.00		15.30	14.50	8.00
Madrid	10.25	8.25	9.75		12.75				11.50	8.50	8.00				
Milan	10.75									9.25					
Moscow							14.75	17.00		10.75					10.50
Mumbai										17.00					
Munich	11.25	9.25	10.50					16.75		9.25	9.00		16.55		9.25
New Delhi			16.25							16.00					
Paris	10.25	8.25	9.50	9.00	12.75	8.50	13.00	16.25	11.75	8.50	8.25	8.00	15.80	15.00	8.50
Rio De Janiero	11.00						13.00		10.75	11.00					
Rome	11.75	9.75	11.00						13.00	10.00	9.50				10.00
Santiago	11.00				12.50			16.00	10.75	11.50					
Sao Paulo	10.50		11.75		13.00		12.50	17.25	10.75	10.75					10.25
Seoul	16.25		11.50	14.50	16.75			16.75		15.00			16.05	15.25	15.00
Shanghai			15.75			15.25		18.00		16.25			17.05		
Sydney								20.00					20.00		
Taipei								18.50					17.55	17.00	
Tel Aviv	14.50							20.00		12.75	11.50				
Tokyo	15.50		14.00		16.00	13.75	16.50	15.75		15.00			15.05	14.50	14.50
Zurich	10.75	9.00	10.25					16.75	12.25	9.00					9.00

Youngstown-Warren Regional Airport—exceptional passenger, cargo and development opportunities

- The Youngstown-Warren Regional Airport has a 9,003' runway, the longest in northeast Ohio, and a 5,000' secondary runway and accommodates both cargo and passenger aircraft.
- The Federal Aviation Administration provides staffed 24-hour Air Traffic Control services at the airport while Youngstown Approach Control and Cleveland Air Traffic Control Center provide radar services.
- Winner Aviation, the onsite fixed base operator, services aircraft for fueling needs, maintenance and repair, and ground handling for airlines and air cargo.

Offers seasonal flight service to Myrtle Beach, SC and Orlando and Tampa Bay/St. Petersburg, FL.

The Youngstown-Warren Regional Airport is also home to the Youngstown Air Reserve Station - the 910th Airlift Wing, which has 12 Lockheed C-130H2 Hercules transport and cargo aircraft, each capable of lifting 92 persons and more than 45,000 pounds of cargo.

Designated a Foreign Trade Zone and an Enterprise Zone, AEROPark is a multi-modal business park that offers more than 500+ improved acres. As a shovel-ready site, AEROPark has direct runway access as well as immediate highway connectivity.

Youngstown-Warren Regional Airport, located in Vienna, Ohio, along with AEROPark, a shovel -ready business park, and the Youngstown Air Reserve Station.

Additional Local Infrastructure

Water Availability
Aqua Ohio
City of Warren/Mosquito Lake
5 Lakes District
Mahoning Valley Sanitary District (MVSD)

Water Treatment and Sewer Facilities
Municipal Providers

Electricity
First Energy/Ohio Edison
City of Columbiana
City of Hubbard
City of Newton Falls
City of Niles

Natural Gas
Dominion/East Ohio Gas
Columbia Gas

Water, natural gas, electricity, telecommunications and sanitary sewer are all in abundant supply here.

Telecommunications
AT&T
CenturyLink
Choice One Communications

Cellular:
AT&T - SprintPCS
T-Mobile - Verizon

Cable Internet Access
Time Warner
Armstrong Cable
Comcast

HOME TO 764,722 PEOPLE…

The Youngstown-Warren-Boardman Metropolitan Statistical Area (MSA) includes Mahoning and Trumbull Counties in Ohio and Mercer County in Pennsylvania. But, it is so much more. The region fully interacts with surrounding counties of Columbiana in Ohio and Lawrence County in Pennsylvania, drawing a talented workforce, connecting logistical infrastructure and developing business opportunities.

With the cities of Youngstown and Warren as centers of business and innovation, the Mahoning Valley, as it is also called, offers firms a qualified labor pool, available land and buildings with very competitive lease/build rates, ready access to the nation's highways and ports, and a pleasing affordable quality of life.

The population of the cities of Youngstown and Warren are 66,982 and 41,557 respectively. There are 103 townships, 19 cities and 44 villages/boroughs located in the five county area.

Population of Largest Places

Columbiana County	
East Liverpool city	11,195
Perry township	16,850
Salem city/township	17,787
Mahoning County	
Austintown township	36,722
Boardman township	40,889
Canfield city/township	23,679
Poland township/village	17,515
Struthers city	10,713
Youngstown city	66,982
Trumbull County	
Howland township	19,106
Hubbard city/township	21,402
Liberty township	21,982
Niles city	19,266
Warren city	41,557
Weathersfield township	25,908
Mercer County	
Hermitage city	16,220
Sharon	14,038
Lawrence County	
New Castle city	23,273

Source: Census 2010, U.S. Census Bureau .

County	2010 Population	Square Miles
Trumbull, OH	210,312	612
Mahoning, OH	238,823	417
Mercer, PA	116,638	672
YWB* MSA Total	**565,773**	**1,701**
Columbiana, OH	107,841	534
YWE* CSA Total	**673,614**	**2,235**
Lawrence, PA	91,108	360
YW Market Area*	**764,722**	**2,595**

YWB= Youngstown-Warren-Boardman Metropolitan Statistical Area: Mahoning and Trumbull Counties in Ohio and Mercer County in Pennsylvania.
YWE= Youngstown-Warren-East Liverppol Combined Statistical Area: Mahoning, Trumbull and Columbiana Counties in Ohio and Mercer County in Pennsylvania.

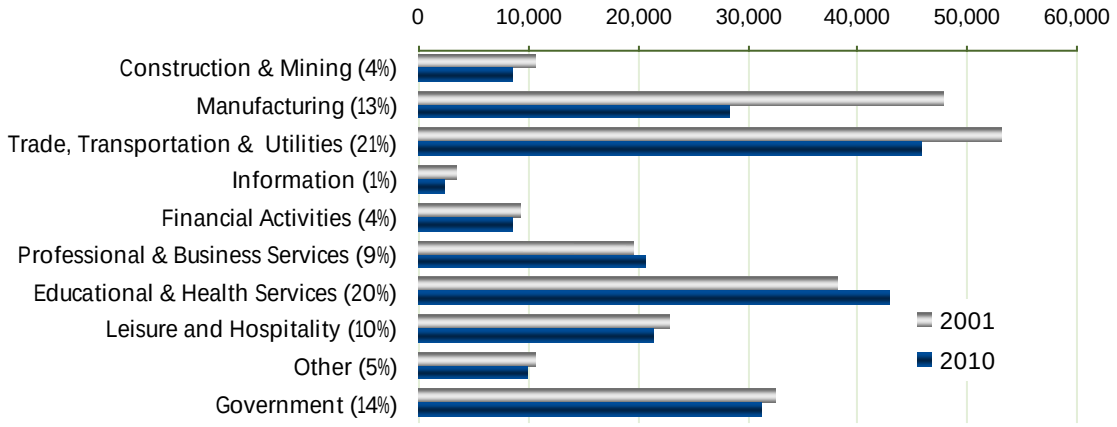
Source: 2010 Census, Census Bureau.

AN AWAKENING ECONOMY....

The area's economy, anchored by manufacturing and related trade continues to diversify, with significant growth in the education and health sectors. While total job numbers have declined in the past ten years, the region still boasts jobs for 219,100 workers.

Employment by Sector 2001 and 2010

(percentage of total jobs)



*Data for the YWE CSA indicates **258,194** jobs in the 4-county area.

Source: Ohio Labor Market Information, Current Employment Survey, Annual Averages.

Employment By Industry—Top 25 Sectors

NAICS	Industry Description	Establishments	Employment	Overall Rank
722	Food services and drinking places	1,319	26,866	1
621	Ambulatory health care services	1,455	15,258	2
561	Administrative and support services	684	12,878	3
623	Nursing and residential care facilities	227	12,449	4
332	Fabricated metal product manufacturing	267	6,944	5
624	Social assistance	323	6,609	6
336	Transportation equipment manufacturing	36	6,439	7
423	Merchant wholesalers, durable goods	468	6,415	8
541	Professional, scientific, and technical services	1,032	6,262	9
331	Primary metal manufacturing	60	5,948	10
445	Food and beverage stores	340	5,920	11
813	Religious, Grantmaking, Civic, Professional, and Similar Orgs	900	5,908	12
452	General merchandise stores	149	5,898	13
238	Specialty trade contractors	859	5,741	14
484	Truck transportation	270	4,710	15
522	Credit intermediation and related activities	431	4,372	16
611	Educational services	138	4,062	17
441	Motor vehicle and parts dealers	312	4,002	18
448	Clothing and clothing accessories stores	338	3,655	19
551	Management of companies and enterprises	84	2,970	20
446	Health and personal care stores	244	2,957	21
333	Machinery manufacturing	102	2,858	22
444	Building material and garden equipment and supplies dealers	237	2,762	23
812	Personal and laundry services	455	2,713	24
326	Plastics and rubber products manufacturing	53	2,533	25

Source: County Business Patterns, 2009, U.S. Census.

AVAILABLE SKILLED LABOR …

Youngstown-Warren, Ohio is ideal for growing companies. The region attracts workers from surrounding counties, and throughout the Cleveland-Youngstown-Pittsburgh TechBelt.

YEAR	LABOR FORCE	EMPLOYMENT	UNEMPLOYMENT RATE		
	MSA	MSA	MSA	Ohio	U.S.
2001	280,900	264,500	5.8%	4.4%	4.7%
2002	280,000	261,200	6.7%	5.7%	5.8%
2003	280,000	259,800	7.2%	6.2%	6.0%
2004	279,500	259,200	7.3%	6.1%	5.5%
2005	280,300	261,600	6.7%	5.9%	5.1%
2006	280,200	263,200	6.1%	5.4%	4.6%
2007	277,100	260,400	6.1%	5.6%	4.6%
2008	276,400	256,600	7.2%	6.6%	5.8%
2009	277,100	242,500	12.5%	10.2%	9.3%
2010	273,300	242,100	11.4%	10.1%	9.6%

Source: Ohio Labor Market Information, Civilian Labor Force Estimates, Annual Averages.

Average Commute Times:

Local - within counties:
20 to 30 minutes

Outside Youngstown-Warren:
45 minutes to 1 hour

Youngstown-Warren Wage Comparison

Low labor costs provide companies here with a competitive edge.
The table below lists the median hourly wages for the local area, state and nation.

Occupational Title	Median Hourly Wage		
	YW MSA	OH	US
Accountants and Auditors	$24.89	$27.37	$29.01
Budget Analysts		$32.20	$32.05
Computer Programmers	$27.25	$32.68	$34.10
Computer Software Engineers, Systems Software	$30.82	$38.95	$44.94
Electrical Engineers	$30.11	$34.19	$39.96
Human Resources Managers	$39.90	$46.12	$46.42
Network and Computer Systems Administrators	$25.07	$29.19	$32.55
Office			
Computer Operators	$16.18	$17.17	$17.36
Computer Support Specialists	$16.93	$19.06	$21.30
Customer Service Representatives	$13.92	$14.44	$14.56
Data Entry Keyers	$10.63	$12.27	$13.05
Receptionists and Information Clerks	$10.13	$11.13	$12.05
Sales Representatives, Wholesale and Manufacturing	$22.48	$24.03	$24.48
Secretaries, Except Legal, Medical, and Executive	$13.71	$14.38	$14.41
Telemarketers	$8.37	$9.35	$10.49
Manufacturing/Distribution			
Computer-Controlled Machine Tool Operators-Metal/Plastic	$14.32	$17.16	$16.57
Electronic and Electrical Equipment Assemblers	$13.37	$13.16	$13.77
Laborers and Freight, Stock, and Material Movers	$11.05	$11.01	$11.11
Machinists	$16.80	$17.30	$18.10
Molding, Coremaking, Casting Machine Setters	$12.18	$13.08	$13.40
Welders, Cutters, Solderers, and Brazers	$14.75	$16.17	$16.71

Bureau of Labor Statistics, Occupational Employment and Wage Estimates, May 2009.

COMPANIES THAT CHOOSE HERE....

Over 1,000 Employees		
Diocese of Youngstown	Youngstown OH	Church/School
General Motors	Lordstown OH	Auto Assembly, Metal
HM Health Partners	Youngstown OH	Hospital Services
Infocision	Austintown/Boardman	Call Center
Mahoning County Government	Youngstown OH	County Government
RG Steel	Warren OH	Steel Products
Sharon Regional Health System	Sharon PA	Hospital Services
Trumbull County Government	Warren OH	County Government
U. S. Postal Service	Youngstown OH	Mail Services
UPMC Horizon - Shenango Valley Medical Center	Farrell/Greenville PA	Hospital Services
ValleyCare Health System	Youngstown/Warren OH	Hospital Services
West Corp.	Niles OH	Call Center
Windsor House	Various locations	Nursing Homes/
Youngstown Air Reserve Base(910th Airlift Wing AFRC)	Vienna OH	Military
Youngstown City Schools	Youngstown OH	Educational Services
Youngstown State University	Youngstown OH	Higher Education

500-1,000 Employees		
AT&T Call Center	Boardman OH	Call Center
Austintown Local Schools	Austintown OH	Educational Services
AVI Food Systems	Warren OH	Food Service
Boardman Local Schools	Boardman OH	Educational Services
Briarfield Manor Health Care Centers	Austintown OH	Nursing Homes/
City of Youngstown	Youngstown OH	City Government
Columbiana County	Lisbon OH	County Government
Covelli Enterprises (Panera)	Howland OH	Food Service
Delphi Packard Electric Systems	Warren, OH	Auto Parts
East Liverpool City Hospital	East Liverpool OH	Hospital Services
Falcon Transport	Austintown OH	Trucking
Farrell Duferco Corp	Farrell PA	Hot Strip Mill
First Place Bank	Youngstown/Warren OH	Banking Services
Flex N Gate	Salem OH	Auto Parts
FreshMark / Carriage Hill Foods	Salem OH	Meat Processor
George Junior Republic In Pa	Grove City PA	Social Services
Giant Eagle Markets	Various locations	Retail Grocery Chain
Home Savings & Loan	Youngstown OH	Banking Services
Huntington Bank	Various locations	Banking Services
MAC Trailer Manufacturing	Salem OH	Trailer Manufacturing
Ohio Security Systems	Warren OH	Security/Janitorial
RTI Niles	Niles OH	Titanium
Salem Community Hospital	Salem OH	Hospital Services
Shepherd of the Valley	Various locations	Nursing Homes/
V & M Star	Youngstown OH	Steel Products
VXI Global Solutions	Youngstown OH	Call Center
Wal Mart	Various locations	Retail Chain
Warren City Schools	Warren OH	Educational Services
Wheatland Tube	Wheatland PA	Steel Tube

...ALSO INVEST AND GROW HERE....

Advanced manufacturers, distributors and business service firms choose to locate in Youngstown-Warren, Ohio. In just the past five years nearly $1.4 billion worth of manufacturing, office, distribution, hotel and research/development projects have been announced. Projects listed below demonstrate a range of investment in the Mahoning Valley.

Date	Company	Sector	$ Investment
2008	Akron Childrens Hospital	Health Care	21,300,000
2008	General Motors	Manufacturing	350,000,000
2008	Republic Special Metals/Patriot Special Metals	Manufacturing	64,000,000
2008	RMI - RTI International	Manufacturing	30,000,000
2009	Reinforcement Systems Corp	Manufacturing	28,000,000
2009	V&M Star	Manufacturing	25,000,000
2010	Akron Childrens Hospital	Health Care	7,000,000
2010	BJ Alan, Inc	Manufacturing	10,000,000
2010	HMHP Breast Care Center	Health Care	8,000,000
2010	Premium Oilfield Services/TMK-IPSCO	Manufacturing	10,000,000
2011	Universal Stainless & Alloy	Manufacturing	31,000,000
2010	V & M Star	Manufacturing	650,000,000
2010	V & M Star	Manufacturing	25,000,000
2010	VXI Global (2009-2010)	Service	10,000,000
2011	Anderson DuBose	Distribution	30,000,000
2011	Extrudex	Manufacturing	13,000,000
2011	Wheatland Tube	Manufacturing	11,000,000

Recent Project Announcements

V&M Star Announces Expansion
V&M Star, with its parent company Vallourec & Mannesmann of Paris, France, announced a $650 million investment to build a state-of-the art small diameter rolling mill in Youngstown, Ohio and create 350 direct high-paying jobs in advanced manufacturing. V&M produces seamless steel tubing used in the gas and oil industry.

Ultra Premium Oilfield Services in Brookfield
A division of TMK-IPSCO, Ultra Premium Oilfield Services moved into a facility in Brookfield as a direct response to the growing demand for infrastructure at Marcellus well sites. Ultra Premium plans to produce up to 100,000 tons of threaded pipe annually. The company, which invested $10 million into the project, will employ 50 workers but plans to expand to 120 within two years.

Dearing Compressor and Pump Grows
As supplier of pumps and compressors used in the drilling process, Dearing Compressor sees Marcellus gas exploration as a great opportunity. Dearing is investing $3 million for a 50,000 sq ft expansion to its existing facility, adding 20 to 25 new jobs. The company currently employs 100 workers.

Extrudex Aluminum In 2nd Expansion
Extrudex Aluminum is in the midst of a $14 million expansion. Work on the 80,000-square-foot expansion is to be completed by May 2012. This is Extrudex's second expansion in North Jackson. The company, which employs about 110 workers, will add 25 new employees directly related to the expansion.

Wheatland Tube Increasing Capacity
An expansion project at Wheatland Tube's Howland Township facility involves an investment of $11.4 million and will create 20 jobs. The growth at Wheatland's Trumbull County facility enables the company to increase production and enhance their efficiencies in the Oil Country Tubular Goods market (OCTG). Currently, Wheatland Tube, a division of JMC Steel Group, employs 143 employees at its plant.

GM Launches Lordstown-Cruze- adds 3rd shift
Touted as one of the best small cars in its class, General Motors is continuing its turnaround with the launch of the 2011 Chevy Cruze. With a $350 million investment in the Lordstown Complex in preparation for the new vehicle, the company anticipates high demand for the model.

Revere Data Moves into TechBlock
Revere Data, a financial information research and services company, relocated its research operations to the Downtown Youngstown TechBlock. Originally housed in San Francisco, the company moved into the area because of the its low cost of operations and abundance of talent. The company expects to have 50 workers within two years.

DE-CAL Chooses Youngstown as Base
DE-CAL, Inc. chose the city of Youngstown for its new mechanical contracting and metal fabricating operation. The Warren, Mich.-based company, is investing $1.3 million which will create 40 full-time jobs, plus additional employment opportunities in the field, which could reach 100 positions.

VXI Expands Again
VXI Global Solutions opened its new call center in Youngstown in 2009 and within one year, expanded operations which will double their existing workforce. The $5.2 million project will house 600 current and 700 future employees. The company credited the quality and work ethic of the workers in the Mahoning Valley along with increased demand from new and existing clients as decision factors of the expansion.

Anderson DuBose 's New Distribution Center
Anderson-DuBose Inc. broke ground for its new $30 million dollar, 155,000-square-foot distribution center and headquarters at in Lordstown. The company, which plans to employ 160 workers at the new location, provides logistics solutions and service to McDonald's restaurants in Ohio, West Virginia, New York and Pennsylvania.

Construction of V&M Star $650 million pipe mill.

INDUSTRIES ABOUND....

Industries are successful in the region because of qualified trained workers, easy logistical access to both suppliers and customers, and local centers that provide enhanced research and development assistance.

Advanced Materials

Firms in the Youngstown-Warren area are at the cutting edge of advanced materials. More than 16,250 workers are employed in the industry:

- RTI International Metals, within its plant RTI Niles, produces titanium used in aerospace applications. The company's research and design center is located at the Niles complex.
- V&M Star announced a major expansion in 2010, investing more than $650 million to build a new state-of-the-art seamless pipe mill.
- RG Steel-Warren is a producer of high-quality custom carbon, alloy and high-strength steel for niche markets.
- Wheatland Tube is a world leader in hot dip galvanizing and producer of continuous weld steel pipe. Applications include mechanical tubing, fencing, electrical conduit, and oil/gas well components.
- Warren Steel Holdings is a fully operational melt shop and casting mill, producing carbon and alloy steel continuously cast rounds.
- Universal Steel and Alloys, the area's newly built $64 million specialty steel mill, makes alloys for parts in wind turbines/generators, nuclear reactor components, and aerospace applications.
- Latrobe Steel /Carpenter Technology distributes more than 300 grades of specialty steels for use in aerospace applications, high-performance cutting tools, aluminum casting dies, extrusion and thread roll dies and other demanding applications.
- Ajax Tocco Magnethermic Corporation designs and manufactures world-class induction heating and melting equipment for various industries.

Motor Vehicles and Parts Manufacturing

Motor vehicle and parts manufacturing is integral to the Youngstown-Warren area economy. Nearly 10,350 workers are employed in the industry.

- The GM Lordstown Complex produces the Chevy Cruze, the newest model of GM's lineup, which was unveiled in 2010. In preparation for the new vehicle, GM invested more than $350 million in plant upgrades.
- Comprehensive Logistics provides light manufacturing and transportation services for the GM Cruze.
- Delphi Automotive makes components for vehicle wiring harnesses and performs advanced engineering at its Technical Center here.
- Flex N Gate produces interior trim plastic molding at its 245,000 sq.ft. facility in Salem using vac-forming, insert molding and injection molding processes.
- Magna International Lordstown Seating is supplying seating systems for the new Chevy Cruze.
- Parker Hannifin manufacturers multi-stage telescopic and rod cylinders for mobile and industrial markets.
- PPG Industries manages the paint coatings facility within the Lordstown Complex and has received numerous awards for its performance on the new Cruze.

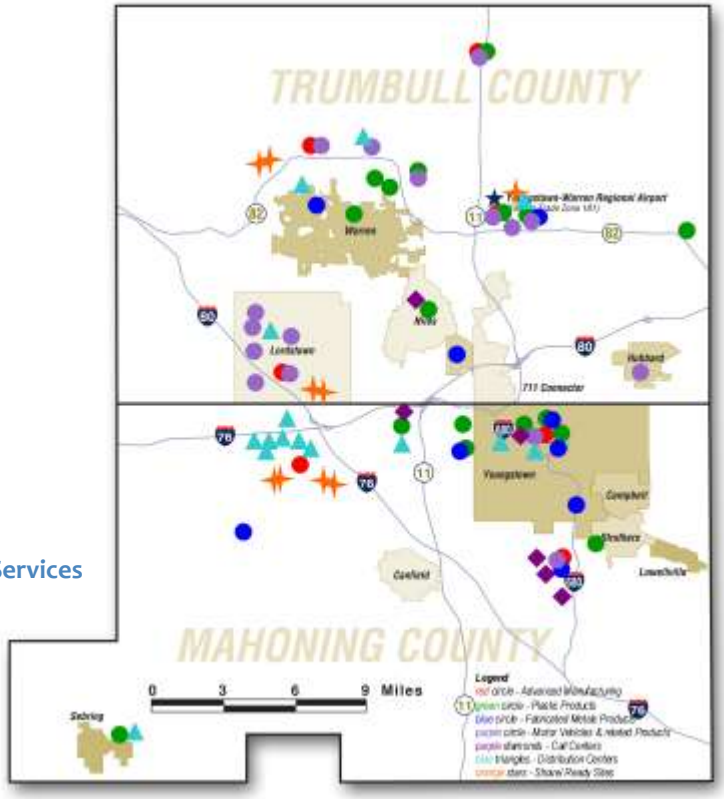
Youngstown-Warren Area Designated as Ohio Hub of Advanced Materials Commercialization and Software Development

The Youngstown Entrepreneurial Hub of Advanced Materials Commercialization and Software Development aims to develop, manufacture, market and apply next-generation materials. The Hub will assist Youngstown's already robust entrepreneurial environment and build upon the region's emerging strengths in advanced materials commercialization The Hub places emphasis on technology surrounding hard materials that are linked with the Youngstown area such as steel, titanium, magnesium, industrial ceramics and aluminum. The Hub will build on the recent successes of the Tech Belt Initiative and will complement Akron's BioInnovation Hub and Cleveland's Health and Technology Corridor Hub, highlighting the unique synergies present in Northeastern Ohio. This Hub will be instrumental in developing additional advanced materials and manufacturing expertise for sustainable energy, industrial and military applications, which will lead to new technology development, talent attraction and increased economic opportunity for our local economy.

Distribution and Logistics

Excellent access to highway, airport, rail and ports make the area a great location for distribution operations such as:

- Conway
- Falcon Transport
- Famous Supply
- FedEx Freight
- FedEx Ground
- Gerdau
- GreyBar
- Kmart/Sears
- LaTrobe Steel
- Macy's
- Toys R' Us
- Things Remembered
- Transport America



Contact Centers—- Corporate Professional Services

There are five major contact centers in the region. Together these facilities employ more than 4,000 workers.

- AT&T
- InfoCision
- Verizon
- VXI Global Solutions
- West Corporation

Food Processing and Manufacturing -

The region has a host of food manufacturers employing more than 1,100 people. Food products from these

- Summer Garden—sauces and condiments
- Gia Russa— fine pasta and sauces
- Chieffo's—gourmet pasta
- Ghossain's Mid East Bakery—flat breads
- AVI Foods—specialty packaged foods and vending machine items
- Schwebels—breads and bakery goods
- Giannios Candy—Chocolates and candies
- Gorant Chocolatier—Chocolates
- Belmont Confections—protein and health bars
- Handels' Ice Cream—ice cream and specialty treats.

TECHNOLOGY AT EVERY STAGE....

The Youngstown-Warren, Ohio area is home to a growing number of technology companies, innovative research and advanced manufacturing processes.

Startup Assistance

Two incubators in the Youngstown-Warren area assist new businesses with idea feasibility and testing, industry expertise, access to capital and on-going business counseling.

Youngstown Business Incubator (YBI)

YBI is a technology-focused business incubator that currently has 8 resident companies that employ 300 workers. In addition, YBI is working with 24 other companies to develop and test market feasibility of product ideas. YBI also features the Inspire Lab, an informal environment for entrepreneurs to interact with current resident companies, external networks and the area's talent pool. YBI promotes the ongoing support and collaboration among technology ventures in the area.

TechBelt Energy Innovation Center

Currently in planning stages, the new incubator has been awarded $5 million in startup fund, with a goal of opening in 2011. The center's focus will be on green energy and its manufacturing processes.

Support

Area resources are integrated into technology development.

- Youngstown State University—STEM College works closely with incubators and other businesses to provide state-of-the art assistance.
  - YSU-STEM College is designated a National Defense Center of Excellence in Industrial Metrology and 3D Imaging Research. Its purpose is to help create hardware and software that uses 3-d laser-based imaging for measurements.
  - Recently, the college installed a wind tunnel in its fluid mechanics lab for testing of solar panel products.
- The IBEW wind and solar training center facility, in conjunction with Kent State University-Trumbull Campus, has developed courses and training on photovoltaics, solar panel installation, building retrofits, wind turbine maintenance and other renewable energy components.

Growing Companies

Turning Technologies—a graduate of the Youngstown Business Incubator, has been named Small Biz of the year in 2009 by Entrepreneur Magazine. The company produces hand-held devices that tabulate survey responses and provide instant feedback. The application in used in a variety of industries, including education and entertainment. Turning Technologies has just announced expansion into the European market with a facility located in the Netherlands.

Northern States Metals— a metal fabricating and alternative energy firm that produces solar panel installation systems, the company is expanding its product lines.

M-7 Technologies—provides precision measurement solutions through metrology, laser scanning and reverse engineering.

Syncro Medical Innovations—developed an innovative feeding tube substantially reduces medical processes to place the tube and provides better patient outcomes.

Advanced Manufacturing Processes

RTI International Metals—has its corporate research and development facility located in Niles, Ohio.

Ajax Tocco Magnethermic—provides custom engineering solutions as well as research and development services and metallurgy training at its Warren, Ohio headquarters.

Dephi Automotive—has emerged as a leader in electronic-vehicle innovation with testing and advanced engineering taking place at the 94,000 sq.ft. Delphi Technical Center in Champion, Ohio.

BEST LOCATION IN UTICA & MARCELLUS....

The Youngstown-Warren area is the place for businesses that produce products for or serve the Marcellus and Utica Shale Gas Plays.

Exploration and drilling in the Utica and Marcellus Shale present new opportunities for business growth in the Youngstown-Warren region.

With an estimated 500 trillion cubic feet of natural gas below the surface of a six-state area which includes Ohio and Pennsylvania, the shale gas plays are considered to be one of the world's largest natural gas deposits.

Horizontal drilling technologies make made the Utica and Marcellus accessible, providing a drilling-boom to the oil and gas industry and its related supply chain.

The Youngstown-Warren area, positioned in the heart of Utica and the gateway to Marcellus, is capitalizing on this activity.

The light blue area on this map marks the geographic extent of what is suspected to be Utica Shale source rock. This is the portion of the Utica Formation that geologists believe has the potential to yield natural gas. It is beneath several US states, part of Lake Erie, part of Lake Ontario and part of Ontario, Canada. If developed to this full potential the Utica Shale gas play will be larger than any natural gas field known today.

The dark blue area on the map outlines the geographic extent of the Marcellus Shale Gas Play. This map clearly demonstrates that the Utica Shale has a geographic extent that is much greater than the Marcellus Shale play.

This map was compiled by Geology.com using data provided by the Energy Information Administration [1] and the United States Geological Survey [2].

source: Based on Marcellus/Utica map from Geology.com. http://geology.com/articles/utica-shale/

The Youngstown-Warren area, with its logistical advantages, low cost of doing business and talented workforce, is part of the pipeline of the Midwest oil and gas industry. Businesses that have realized the Utica and Marcellus potential are already moving into or expanding in the area.

Recent Developments in Youngstown-Warren, Ohio related to Marcellus Shale:

- V&M Star broke ground on a new $650 million expansion to their existing Youngstown facility. The company will manufacture pipe used in the drilling process.
- TMK IPSCO recently expanded operations to include a new $10 million threading facility in Brookfield, which will complement their pipe production operations in Pennsylvania.
- Dearing Compressor and Pump, a manufacturer of industrial pumps also invested $3 million to expand operations in the region, adding to its production capacity.
- Patriot Water Treatment moved into the area to process water from drilling areas.
- DE-CAL Inc opened a pipe fabrication center here that will employ more than 40 people at the plant and 100 in the field.
- JMC Steel Group's Wheatland Tube announced plans to invest $11 million to increase steel tubular goods production capacity.

Distance to Youngstown/Warren From Drill Point

City	Distance	Drive Time
Pittsburgh, PA	67 miles	1 hour
Buffalo, NY	192 miles	3 hours
Syracuse, NY	333 miles	5.5 hours
Albany, NY	471 miles	8 hours
Charleston, WV	260 miles	4.5 hours
Mobile, AL	998 miles	16.5 hours
Houston, TX	1,333 miles	22.5 hours

LOCATIONS FOR BUSINESS....

The Youngstown-Warren, Ohio area offers a variety of property locations to suit your needs: shovel-ready sites, foreign trade zones, brownfields, greenfields and industrial and business parks.
Locating in the Youngstown-Warren area offers a significant price advantage, as shown in the table.

	Effective Rent	
Metro Area	Industrial/Warehouse	Class A Office
Austin	$5.13	$20.99
Boston	$4.06	$29.76
Buffalo	n/a	$12.91
Charlotte	$3.48	$17.85
Denver	$3.43	$16.79
District of Columbia	n/a	$41.77
Memphis	$2.40	$14.99
Minneapolis	$4.20	$16.75
Philadelphia	$3.70	$19.60
Portland	$3.77	$16.94
Tampa-St. Petersburg	$4.10	$17.23

source: Metro Trend, REIS, 2009.

Shovel-Ready Sites

The Regional Chamber's Shovel Ready Sites Program provides site selectors with fast access to detailed information on ready-to-go commercial and/or industrial land parcels. This collaborative initiative between the Chamber and Youngstown-Warren area developers/property owners allows companies to effectively evaluate and select exceptional property options.

By definition, Shovel Ready Sites are Mahoning and Trumbull county properties that have the essential infrastructure, necessary zoning and site characteristics in place so that construction projects may get underway quickly and easily.

To qualify as a Shovel Ready Site, a property must possess the following characteristics:

* At least 5 contiguous buildable acres
* Electricity, water, sanitary sewer, natural gas and telecommunications technology infrastructure
* Wetlands are identified and do not impact buildable acres
* Property is not in the 100-year flood plain
* Unrestricted vehicle access – both ingress and egress
* Within 5 miles of a limited access highway and/or interstate
* Commercial, business or industrial zoning
* Greenfield or developable brownfield site status

Sample Shovel Ready Site in Warren Commerce Park.

Explore properties on the Web:

Competitively priced real estate is readily available in the Youngstown-Warren area. Information on select properties is available online at www.regionalchamber.com/economicdevelopment.aspx or use the scan tag below.

Property Incentives

Enterprise Zones (EZ): Enterprise Zones have been established in metropolitan Youngstown-Warren, Ohio. Companies that locate in an EZ could be eligible for tax abatements on investments in real property (i.e. building, construction, expansion, renovation). The maximum allowable tax abatement in cities and villages, is 75 percent (over 75 percent requires school board approval) and 60 percent in other communities (over 60 percent requires school board approval). The maximum abatement term is 10 years (over 10 years requires school board approval).

Foreign Trade Zone (FTZ) 181: FTZ 181 has been established at various locations in metropolitan Youngstown-Warren Ohio. In order to promote international trade, FTZ 181 can delay, reduce or eliminate customs duties levied on raw materials, parts, components or finished products imported from other countries.

Community Reinvestment Area (CRA): Community Re-investment Areas are located in designated parts of metropolitan Youngstown-Warren, Ohio. CRAs provide real-property tax exemptions for companies constructing or renovating a facility. Up to 100 percent of the value of building improvements/ construction may be exempt from real property taxes for a maximum 15 years.

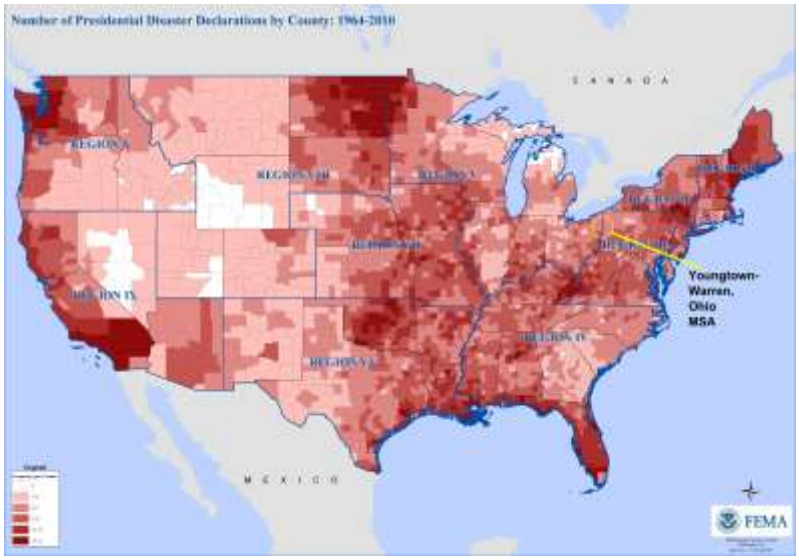
Within the three-county area, there are 32 fully served industrial parks.

Industrial Park Name	Location	Total Acreage	Industrial Park Name	Location	Total Acreage
Western Reserve Industrial Park	Austintown	300 acres	Youngstown Commerce Park	North Jackson	250 acres
Y & A Industrial District	Austintown	350 acres	Salem Industrial Park	Salem	207 acres
Northwoods Commerce Park	Bazetta	95 acres	Sebring Industrial Park	Sebring	128 acres
Casey Industrial Park	Campbell	345,000 s.f.	CASTLO Industrial Park	Struthers	120 acres/605,000 s.f.
Canfield Industrial Park	Canfield	50 acres/80,000 s.f.	AEROPARK FTZ	Vienna Township	500 acres
Columbiana Industrial Park	Columbiana	65 acres	Northwest Business Park	Warren	80 acres/250,000 s.f.
World Trade Industrial Park FTZ	Leetonia	105 acres	Warren Commerce Park	Warren	100 acres
Lisbon Industrial Park	Lisbon	45 acres	Wellsville Intermodal Industrial Park	Wellsville	22 acres
Allen Industrial Park	Lordstown		Briar Hill Industrial Park	Youngstown	
Armil Industrial Park	Lordstown		Crab Creek Industrial Park	Youngstown	75 acres
Hays Industrial Park	Lordstown	130 acres	Ohio Works Industrial Park	Youngstown	242 acres
Henn Industrial Park	Lordstown		Performance Place Industrial Park	Youngstown	70 acres
Ohio Commerce Center	Lordstown	480 acres/1.5 million s.f.	Riverbend Industrial Park	Youngstown	
Ivor J. Lee Industrial Park	Masury	150 acres/ 914,324 s.f.	Ross Industrial Park	Youngstown	1 million s.f.
McDonald Industrial Park	McDonald	164 acres/1.1 million s.f.	Salt Springs Industrial Park	Youngstown	
Niles Commerce Park	Niles	125 acres/600,000 s.f.	Mahoning River Corridor of Opportunity Industrial District	Youngstown/ Campbell/Struthers	900 acres
Niles Industrial Park	Niles	85 acres 250,000 s.f.			

MINIMAL BUSINESS INTERRUPTIONS....

The Youngstown-Warren metro area enjoys seasonable weather throughout the year. There are few business closings due to weather disasters or phenomena.

- Spring temperatures range from 69 F during the day and 27 F at night with rains through March and April and last frost observances as late as May.
- Summer temperatures are usually comfortably warm without excessive heat extremes. Daytime temps at 81 F and cooling at night to 54 F. The area experiences moderate rain throughout the summer, and is not generally prone to drought conditions.
- Autumn typically brings cooler days and crisper nights with temperature ranges 72 F and 33 F. The area enjoys a colorful fall with tree colors peaking in early October. Frost conditions generally start in October.
- Winter temperatures begin in late November and last until late March, although snowfall usually occurs late December through February. Generally the area receives snowfall in manageable 1 inch to 4 inch predictions with minimal impact to area businesses, schools and events.



Presidential Disaster Declarations in the United States by county from 1964–2010 reflect the broad geographic distribution and human impacts of earthquakes, floods, hurricanes, landslides, tsunamis, volcanoes and wildfires. Light colors reflect minimal declarations, while the darkest colors represent a frequency of 18-25 disaster events per county.

Weather Data

	Years	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Annual
Climatological Normals Data from 1971-2000														
Normal Daily Maximum Temperature (F)	30	32.4	36	46.3	58.2	69	77.1	81	79.3	72.1	60.7	48.4	37.3	58.2
Normal Daily Minimum Temperature (F)	30	17.4	19.3	27.1	36.5	46.2	54.6	58.7	57.5	50.9	40.9	33	23.4	38.8
Normal Daily Average Temperature (F)	30	24.9	27.7	36.7	47.4	57.6	65.9	69.9	68.4	61.5	50.8	40.7	30.4	48.5
Heating Degree Days	30	1243	1057	879	530	252	71	18	28	148	439	723	1063	6451
Cooling Degree Days	30	0	0	1	8	33	112	186	149	57	5	1	0	552
Normal Precipitation (inches)	30	2.34	2.03	3.05	3.33	3.45	3.91	4.1	3.43	3.89	2.46	3.07	2.96	38.02
Observed Data through 2009														
Highest Temperature (F)	66	71	73	82	88	92	99	100	97	99	87	80	76	100
Lowest Temperature (F)	66	-22	-14	-10	11	24	30	40	32	29	20	1	-12	-22
Number of Days with Temperature Below 32 (F)	66	27	24	22	10	1	1	0	0	0	4	16	26	133
Number of Days with Temperature Above 90 (F)	66	0	0	0	0	0	1	3	2	0	0	0	0	7
Number of Days with Precipitation Greater Than 0.01 in.	66	17	14	15	14	13	11	10	10	10	11	14	17	156
Average Total Inches of Snowfall, Ice Pellets and Sleet/Hail	66	14.4	11.8	10.9	2.8	0.1	t	t	t	t	0.6	5.3	12.7	58.5
Average Wind Speed (mph)	60	11.4	11.1	11.3	10.8	9.4	8.4	7.7	7.4	8.1	9.2	10.7	11.1	9.7
Maximum Wind Speed (mph)	60	48	58	55	51	46	45	58	44	45	44	52	47	58
Number of Clear Days (0-30% cloud cover)	52	3	3	5	5	6	6	7	7	7	8	3	3	63
Number of Partly Cloudy Days (40-70% cloud cover)	52	5	5	6	7	9	11	13	12	10	8	6	5	97
Number of Cloudy Days (80-100% cloud cover)	52	23	20	20	18	17	12	11	12	13	15	21	23	205
Average Relative Humidity - Morning (F)	62	81	80	79	76	78	81	84	88	88	84	81	81	82
Average Relative Humidity - Afternoon (F)	62	71	67	62	55	53	56	55	56	58	58	66	71	61

Source: National Climatic Data Center, National Oceanic and Atmospheric Administration, U.S. Department of Commerce.

LEARNING FOR LIFE ....

The Region is the center of a vast knowledge base. Within a 75-mile radius of Youngstown-Warren, Ohio, 55 colleges and universities provide opportunities in advanced education. From 95 campus locations, these institutions furnish firms competing in the global marketplace with a highly trained and motivated workforce. Many of these colleges and universities are nationally renowned in particular fields of study.

Colleges and Universities within a 75-mile radius.

Institutions of higher learning in the Mahoning Valley.

Youngstown State University
Kent State University - Trumbull
Kent State University - Salem
Kent State University - East Liverpool
Eastern Gateway Community College
Walsh University - Youngstown
Thiel College
Grove City College
Penn State University—Shenango Valley Campus
Butler County Community College—LindenPointe Campus

Cleveland Area
Ashland University/Cleveland
Baldwin-Wallace College
Bryant & Stratton College
Capital University/Cleveland
Case Western Reserve University (CWRU)
Cleveland Institute of Art
Cleveland Institute of Music
Cleveland State University (CSU)
Cuyahoga Community College (CCC)
DeVry University
Indiana Wesleyan University/Cleveland
John Carroll University
Lorain County Community College
Notre Dame College of Ohio
Ursuline College

Other Northeast Ohio
Ashland University/Massillon
College of Wooster
Hiram College
Kent State University (KSU)
KSU, Ashtabula
KSU, Geauga
KSU, Stark
KSU, Tuscarawas
Lake Erie College
Lakeland Community College
Malone College
Mount Union University
Northeast Ohio Medical University
Oberlin College
Stark State College of Technology
University of Akron
University of Akron - Wayne College
University of Phoenix
Walsh University

Pittsburgh Area
Art Institute of Pittsburgh
Carlow College
Carnegie Mellon University
Chatham College
Community College of Allegheny County (CCAC)
CCAC, Boyce Campus
CCAC, Center North
CCAC, South Campus
DeVry University
Duquesne University
LaRoche College
Penn State, McKeesport
Penn State, New Kensington
Pittsburgh Technical Institute
Point Park College
Robert Morris College
Saint Vincent College
Seton Hill College
University of Phoenix
University of Pittsburgh (Pitt)
Washington & Jefferson College

Other Western Pennsylvania
Allegheny College
Butler County Community College
California University of Pennsylvania
Clarion University of Pennsylvania (CUP)
Clarion University (CUP) Venango
Community College of Beaver County
Edinboro University of Pennsylvania
Gannon University
Geneva College
Mercyhurst College
Mountain State University
Penn State, Beaver
Penn State, Erie Behrend
Slippery Rock
University of Pittsburgh at Greensburg
University of Pittsburgh at Titusville
Waynesburg College
Westminster College
Westmoreland Community College

Steubenville, OH/Wheeling, WV
Belmont Technical College
Bethany College
Franciscan University of Steubenville
Jefferson Community College
Ohio University, Eastern Campus
West Liberty State College
West Virginia Northern Community College
Wheeling Jesuit College

EDUCATING FUTURE GENERATIONS ....

Within the Youngstown-Warren-East Liverpool CSA, ten university campuses provide businesses with a pool of extremely talented individuals. More than 22,500 students are enrolled at these institutions. In 2008, the schools awarded nearly 2,300 bachelors degrees and 400 master and doctorate degrees.

Youngstown State University

15,100 students enrolled

Youngstown State University provides a quality education in a broad range of associate, baccalaureate and graduate degrees and certificate programs, including engineering, business and computer information systems. There are more than 100 undergraduate majors and 35 master's and doctorate programs. YSU offers research and internship opportunities, providing students with real-world experience.
Opening in Fall 2010, the new Williamson School of Business is a $35 million state-of-the-art building that provides a unique learning environment for business school students. Along with the new facility, YSU has also earned accolades for its Science, Technology, Engineering and Math (STEM) College. Recently designated a Center of Excellence, the STEM programs are on the cutting edge of green energy technology with the addition of a $7 million wind tunnel.

Eastern Gateway Community College

2,075 students enrolled

Eastern Gateway Community College, the area's newest educational institution, provides more than 60 career and transfer programs in nursing/health care, education, IT, welding, wind turbine technology, business, electrical engineering and horticulture. Several career classes prepare students for immediate entry into the workforce. Students can also continue education by transferring credits earned to a four-year institution.

Kent State University-Trumbull Campus

3,140

The Technology Building, a state-of-the-art, 68,000 square-foot facility, supports associate degree programs in computer technology, mechanical engineering technology, industrial engineering technology, high technology manufacturing, plastics manufacturing engineering technology, laboratory technology and environmental technology.
The 32,500 square-foot Workforce Development and Continuing Studies Center offers additional programs geared to the area's manufacturing industries.

Kent State University-East Liverpool Campus

1,372 students enrolled

East Liverpool Campus offers a variety of programs for students in business courses, computer technology and health-related therapy and technical studies. Specific business-related associate degree courses include: accounting technology, business management technology, computer technology and technical studies.

Kent State University-Salem Campus

1,963 students enrolled

Salem Campus offers associate degree programs in early childhood education technology, horticulture technology, human services technology, manufacturing engineering technology, and radiological technology.

Walsh University Youngstown Campus
100 students enrolled

Walsh University offers a master of arts program in education and a bachelor of arts program in business management. Both programs are taught in an accelerated format for adult learners. Accredited by the Ohio Department of Education, the MAED program is designed to present new opportunities for practicing educators. The degree completion business program offers flexibility and interactive courses.

Thiel College
1,100 students enrolled

Thiel College is a comprehensive university providing bachelor degrees in accounting, biological and chemistry sciences, business administration, computer information sciences, international trade, management information systems and pre-med. Thiel was named as one of the top tier northern universities in the 2005 U.S. News and World Report annual survey of America's Best Colleges.

Grove City College
2,500 students enrolled

Grove City College is also a comprehensive university providing bachelor degrees in accounting, biochemistry, business administration, computer information sciences, engineering, finance, international trade, physics and pre-med. Grove City was also named as one of the top tier northern universities in the 2005 U.S. News and World Report annual survey of America's Best Colleges.

Butler County Community College @ Linden Pointe
300 students enrolled

Located in the LindenPointe Innovative Business Campus, Butler County Community College (B3) provides students classes in Pre-Nursing, business management and administration, criminology, education, psychology, marketing, medical assistant, medical coding, human resources and general studies. The courses transfer to other institutions for bachelor degree completion.

Penn State University- Shenango Valley Campus
900 students enrolled

Penn State University Shenango Campus provides students opportunities to receive bachelor degrees in child development, family and community studies and nursing. Associate degree programs are offered in engineering technologies, business administration, industrial technology, and manufacturing technology. Students may complete the bachelor's degree program at Penn State University's main campus.

Educational Attainment

Youngstown-Warren, Ohio is transitioning into an advanced skills knowledge-based economy. Skills have been upgraded and improvements made in educational attainment. The area is ahead of the national average for high school graduates and higher, 86.2% as compared to 84.5%. Although with its history as a manufacturing economy, the area has not yet met the U.S. average for bachelor degree or higher (27.5%). However, figures are expected to change as local learning institutions are experiencing record enrollments.

	Population	Percent
Population 25 years and over	315,502	100%
Less than 9th grade	11,101	3.5%
9th to 12th grade, no diploma	32,302	10.2%
High school graduate (includes equiva-	136,344	43.2%
Some college, no degree	60,802	19.3%
Associate's degree	18,714	5.9%
Bachelor's degree	37,604	11.9%
Graduate or professional degree	18,635	5.9%
Percent high school graduate or higher		86.2%
Percent bachelor's degree or higher		17.8%

Source: American Community Survey 2005-2009, U.S. Census Bureau

Workforce Development

Career and technical education is provided by 22 public and private institutions within the the five county area. Most of the providers offer extensive workforce development and technical training programs, many of which are geared toward certification or associate degree completion. The providers will also develop customized training programs for individual employer's needs, and training will be conducted at the place of employment or on the campus of the vocational school.

Training Provider	Location	General Sector - Class Offerings
Business Institute of Pennsylvania	Sharon, PA	Business and Computerized Office Technology
Butler County Community College	Hermitage, PA New Castle, PA	Business and Computerized Office Technology, Computer and Information Systems Technology; Health Care, Industrial Technology, Safety Training
Choffin Career Center	Youngstown, OH	Machine Trades; Health Care
Columbiana Career and Technical Center	Lisbon, OH	Business and Computerized Office Technology, Machine Trades; Health Care
Eastern Gateway Community College	Various Locations	Alternative Energy Technology-Wind Turbine, Business and Computerized Office Technology, Computer and Informatin Systems Technology, Entrepreneurship, Health Care, Welding
Erie Business Center South	New Castle, PA	Business and Computerized Office Technology
ETI Technical College	Niles, OH	Business and Computerized Office Technology; Electronic Engineering Technology
ITT Technical Institute	Youngstown, OH	Computer and Information Systems Technology
Kent State University - East Liverpool	East Liverpool, OH	Business and Computerized Office Technology; Health Care
Kent State University - Salem	Salem, OH	Business and Computerized Office Technology, Computer and Information Systems Technology; Health Care
Kent State University - Trumbull	Warren, OH	Computer and Information Systems Technology, Electrical Engineering Technology, Industrial Technology; Machine Trades
Lawrence County Area Vo-Tech School	New Castle, PA	Business and Computerized Office Technology; Machine Trades
Mahoning Career and Technical Center	Canfield, OH	Business and Computerized Office Technology, Computer and Information Systems Technology; Machine Trades
National College—Youngstown	Youngstown, OH	Business and Computerized Office Technology; Health Care
New Castle School of Trades	New Castle, PA	Industrial Technology; Machine Trades; Tractor Trailer Driving
Ohio Valley College of Technology	East Liverpool, OH	Business and Computerized Office Technology
Penn State Shenango	Sharon, PA	Business and Computerized Office Technology; Computer and Information Systems Technology; Engineering Technology; Industrial Technology
TDDS Technical Institute	Diamond, OH	Tractor Trailer Driving; Health Care
Transport-Tech - Bessemer	Bessemer, PA	Tractor Trailer Driving
Trumbull Career and Technical Center	Warren, OH	Business and Computerized Office Technology, Industrial Trades Technology; Health Care
Trumbull Business College	Warren, OH	Business and Computerized Office Technology
Youngstown State University - Metro College	Youngstown, OH	Business and Computerized Office Technology, Computer and Engineering Technology, Safety & Environmental Technology; Health Care

CHILDREN ....

Elementary and Secondary Education

The Youngstown-Warren-East Liverpool CSA is served by four educational service centers with 229 public schools in 57 school districts enrolling 96,181 students, and 7 alternative/online schools with 1,000 registered students. Additionally, there are more than 64 accredited private and parochial schools, including 9 high schools, with 11,620 students.

County	**Columbiana**	**Mahoning**	**Trumbull**	**Mercer**	**CSA**
Number of School Districts	11	14	20	12	57
Number of High Schools (9-12)	13	25	24	13	75
Number of Elementary Schools (K-8)	32	74	61	34	201
Total Students Enrolled (2010-2011)	14,704	34,001	30,746	16,730	96,181
Total Number of Teachers (2010-2011)	948	2,149	1,922	1,160	6,179
Average Graduation Rate (2009)	94.3	95.0	95.8	n/a	95.0
Average ACT Score- Composite (2010-2011)	21	21	21	21	21

Source: Ohio Department of Education (Columbiana, Mahoning and Trumbull Counties), Pennsylvania Department of Education (Mercer County), ACT scores provided by NSRS, Inc,

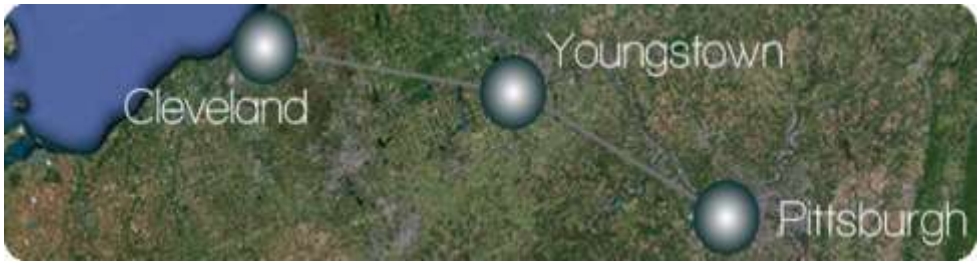
In 2010-2011 Local Report Cards assessments, 41 of 45 school districts in Mahoning, Trumbull and Columbiana counties achieved Excellent or Effective ratings from the Ohio Department of Education. The rating is based on the district's achievement on standardized tests, graduation rates and qualified teachers. Mercer County Pennsylvania's rating system differs from the State of Ohio and is not comparable.

The area's elementary and high schools have a variety of programs in place that give students exposure to various careers, opportunities and experience in the workplace. Program highlights include:

Robotics Competition
Foreign Languages
International Baccalaureate Program
Tech Prep Programs
Telecommunications Programs and Media Broadcasting
Internship Programs
Homework Hotline
Early College Program

TECHBELT REGION ...

Cleveland—Youngstown– Pittsburgh TechBelt



TECHBELT REGION —The TechBelt Region includes Cleveland MSA, Akron MSA, Canton-Massillon MSA, Youngstown-Warren MSA, Erie MSA, Pittsburgh MSA, Wheeling MSA, Morgantown MSA, Weirton-Stubenville MSA.

Youngstown-Warren MSA is excellently located at the heart of the TechBelt Region. Encompassing Cleveland and Pittsburgh, the TechBelt region is defined as the metro areas of Cleveland, Ohio and Erie, Pennsylvania to the north through Morgantown, West Virginia to the south (see map).

With more than 7.2 million people, including a workforce of nearly 4 million, and the region supports 185,000 businesses.

The TechBelt region initiative highlights the collaboration of multiple economic development agencies; federal, state and local government offices; technical groups; foundations; and private corporations. Recent investments in support programs, research, technology infrastructure and other assistance have created attractive opportunities for companies choosing to locate within the TechBelt.

At this time, the TechBelt Initiative targets two primary industry sectors, Life Sciences and Energy.

Within the area, there are more than 4,800 Life Sciences companies employing more than 88,000 workers . If hospitals are included, the numbers increase to more than 10,000 companies and nearly 300,000 employees. The initiative concentrates on three specific Life Science subsectors, regenerative medicine, medical imaging and medical devices.

The TechBelt region's Energy industry comprises more than 9,700 establishments that provide jobs for 166,000 people. The energy subsector focuses on traditional energy including coal, nuclear and gas; and emerging and efficiency, including wind, solar, fuel cell and high-performance building.

The TechBelt region attracts capital from regional and national investors. Overall, the combined region ranks 19th in capital invested in regional companies and 11th in the number of companies receiving capital.

Additionally, there are 20 Fortune 500 headquarters located within the area.

Fortune 500 Company Headquarters Located Within the TechBelt

139	Goodyear Tire and Rubber	Akron, OH	18.832	Rubber, Plastics
148	United States Steel Co.	Pittsburgh, PA	17.374	Metals
151	PNC Financial Corp.	Pittsburgh, PA	17.096	Commercial Banking
164	Progressive	Mayfield Village, OH	14.963	Insurance: Property, Casualty
178	Eaton	Cleveland, OH	13.715	Electronics, Electrical
181	PPG Industries	Pittsburgh, PA	13.423	Chemicals
183	FirstEnergy	Akron, OH	13.339	Utilities
232	H.J. Heinz	Pittsburgh, PA	10.558	Food
248	Parker Hannifin	Cleveland, OH	9.993	Industrial, Farm Equipment
308	Sherwin-Williams	Cleveland, OH	7.776	Chemicals
385	TravelCenters of America	Westlake, OH	5.962	Transportation
417	KeyCorp	Cleveland, OH	5.458	Commercial Banking
418	Mylan	Canonsburg, PA	5.45	Pharmaceuticals
423	Lubrizol	Wickliffe, OH	5.417	Chemicals
428	Consol Energy	Pittsburgh, PA	5.236	Energy
443	Wesco International	Pittsburgh, PA	5.063	Wholesaler/Electrical Equipment
461	Erie Insurance Group	Erie, PA	4.89	Insurance
464	Dick's Sporting Goods	Pittsburgh, PA	4.871	Retail Trade
477	Cliffs Natural Resources	Cleveland, OH	4.682	Iron Mining
482	J.M. Smucker	Orrville, OH	4.605	Food

AFFORDABLE LIVING ....

The Youngstown-Warren area's cost of living is extremely attractive, ranking well below the national average. The Council for Community and Economic Research (C2ER) Cost of Living Index (COLI) provides a useful gauge with which to compare cost of living differences. The COLI/ACCRA national average is 100.

Cost of Living Index - C2ER - 3rd Qtr 2011

MSA	TOTAL	FOOD	HOUSING	UTILITIES	TRANSP	HEALTH	MISC. GOODS/ SERVICES
Austin, TX	93.3	88.7	84.4	97.2	101.2	106.4	97.7
Boston, MA	137.2	117.8	157.8	146.6	110.6	120.9	134.0
Buffalo, NY	99.2	95.4	112.6	106.2	99.1	90.3	88.0
Charlotte, NC	92.6	103.0	91.0	90.5	97.3	100.2	96.8
Denver, CO	105.3	102.6	114.2	89.5	94.0	105.4	106.8
Memphis, TN	84.0	92.6	71.2	84.6	89.7	96.4	88.4
Minneapolis, MN	111.8	109.3	120.1	101.5	107.5	105.5	110.9
Philadelphia, PA	123.8	123.2	139.8	126.0	105.9	102.9	117.3
Tampa, FL	91.3	99.2	78.1	96.5	101.8	93.2	94.7
Washington D.C.	147.5	111.3	251.4	105.8	109.9	100.3	100.4
Youngstown-Warren, OH	**90.3**	**91.9**	**81.3**	**103.4**	**92.2**	**84.8**	**93.7**

Source: C2ER

Comparative Housing Costs

The National Association of Home Builders ranked the Youngstown/ Warren area as one of the most affordable places to live.

	YW CSA	U.S.
ACCRA Housing Cost Index	81.3%	100%
NAHB Housing Opportunity Index (4Q10)	93.2%	73.9%
NAHB Median Home Price	$68,000	$175,000
American Community Survey (2009)		
Median Gross Rent	$570	$842
Median Home Value	$97,700	$185,200

Source: ACCRA Cost of Living Index, National Association of Home Builders (NAHB), U.S. Census Bureau.

Crime Statistics

The U.S. average is 50. An index of 100 is the least crime rate, thus higher numbers are more attractive.

Akron, OH	22.25
Buffalo, NY	16.95
Chicago, IL	17.57
Cleveland, OH	29.97
Dayton, OH	25.87
Detroit, MI	18.00
Elkhart, IN	18.16
Erie, PA	32.94
Fort Wayne, IN	23.82
Grand Rapids, MI	24.42
Lansing, MI	26.85
Peoria, IL	82.81
Pittsburgh, PA	42.45
Syracuse, NY	29.16
Toledo, OH	17.43
Youngstown, OH	**38.02**

Source:Editor and Publisher, 2010

VARIETY OF ACTIVITIES …

The Youngstown-Warren area offers a vibrant array of recreational and cultural activities.

OUTDOORS

- Mill Creek Park is one of the nation's largest and most prestigious metropolitan park systems. Covering more than 2,350 acres, it includes…
    - D. D. & Velma Davis Education and Visitors Center, which received the Outstanding Facility Award from the Ohio Parks and Recreation Association.
    - Lanterman's Mill, a working mill that operates today as it did in the 1800's by grinding corn, buckwheat and oats.
    - Mill Creek Park Championship Golf Course, which was ranked 26th Best Municipal Public Golf Course in the country by *Golfweek Magazine*.
- The Western Reserve Greenway, Metropark Bikeway, Little Beaver Creek Greenway and Stavich Trail provide more than 45 miles of scenic biking, hiking and running trails.
- Plus 3 state parks, 8 state wildlife/forest preserves and a national scenic river.

CULTURAL

- "America's Museum" – the Butler Institute for American Art houses one of the world's finest collections of American art.
- Heralded as the "finest theater ever built" the Warner Theater was constructed by the motion picture-famed Warner Brothers. This opulent facility, located in Youngstown, was constructed as a family memorial in the brother's hometown. Known today as The DeYor Performing Arts Center, it plays host to the Youngstown Symphony Orchestra and other renown acts.
- The Covelli Centre opened Fall 2005. The new entertainment arena hosts hockey games, concerts, ice shows, and special events.

EXPERIENCES ...

In addition, more than 40 museums, historic sites, art galleries, ballets, opera companies, live theater and performing arts centers are located here. Selected highlights include:

Arms Family Museum of Local History
National Packard Museum
Stambaugh Auditorium
Packard Music Hall
Center of Industry and Labor
Warren Philharmonic Orchestra
President William McKinley Memorial
Oakland Center for the Arts
Children's Museum of Mahoning Valley
Sutliff Museum

SPORTS

- Football - Youngstown State University features one of the nation's best collegiate football programs. As NCAA 1-AA 1991, 1993, 1994 and 1997 champions, the Penguins play to sell-out crowds at the 20,000-seat Stambaugh Stadium.
- Baseball - The *Mahoning Valley Scrappers* play exciting minor league baseball here. The Class A Cleveland Indians affiliate hosts teams at Eastwood Field.
- Hockey - The *Mahoning Valley Phantoms*, affiliated with the North American Hockey League (NAHL), competes at the Chevrolet Centre.
- Golf - Golfers can tee up at 46 public and 8 private courses and in an indoor practice facility.
- Auto - Exciting auto racing events are held at the Sharon Speedway and Mercer Raceway Park. Additionally, the *Steel Valley Nationals* and the *Packard Vintage Car Show* draw thousands of visitors to the area.
- Indoor and outdoor recreational opportunities provide enthusiasts with a host of venues for baseball, hockey, ice-skating, rock climbing, skateboarding, soccer, softball, swimming, ten-

MORE THINGS TO DO ...

Within a two-hour drive, the metro areas of Cleveland, Akron, Pittsburgh, and Erie offer more than 25 state parks, 100 cultural places, and 400 golf courses.

Entertainment Venues
Blossom Music Center - Cuyahoga Falls, OH
Geauga Lake's Wildwater Kingdom - Aurora, OH
Kennywood Amusement Park - West Mifflin, PA
Mountaineer Race Track and Casino - Chester, WV
First Niagara Pavilion - Burgettstown, PA
Rivers Casino - Pittsburgh, PA
Thistledown Racecourse - North Randall, OH

Art, Science, and Exploration
Akron Art Museum - Akron, OH
Akron Zoo - Akron, OH
Andy Warhol Museum - Pittsburgh, PA
Benedum Center for the Performing Arts - Pittsburgh, PA
Buhl Planetarium - Pittsburgh, PA
Children's Museum of Cleveland - Cleveland, OH
Children's Museum of Pittsburgh - Pittsburgh, PA
Carnegie Museum of Natural History - Pittsburgh, PA
Carnegie Science Center - Pittsburgh, PA
Cleveland Botanical Garden - Cleveland, OH
Cleveland Metroparks Zoo - Cleveland, OH
Cleveland Museum of Art - Cleveland, OH
Cleveland Museum of Natural History - Cleveland, OH
Heinz Hall- Pittsburgh, PA
Great Lakes Science Center - Cleveland, OH
National Aviary - Pittsburgh, PA
Pittsburgh Zoo & PPG Aquarium - Pittsburgh, PA
Rook and Roll Hall of Fame - Cleveland, OH
Vocal Group Hall of Fame - Sharon, PA

Outdoor Recreation
Brandywine/Boston Mills Ski Resort - Peninsula, OH
Cook Forest State Park/Allegheny Forest - Cooksburg, PA
Cuyahoga Valley National Recreation Area - Peninsula, OH
Peek'n Peak Ski Resort - Findley Lake, NY
Seven Springs Mountain Resort - Champion, PA
Stan Hywet Hall and Gardens - Akron, OH

Sports and Teams
Cleveland Browns - NFL Football
Cleveland Cavaliers - NBA Basketball
Cleveland Indians - MLB Baseball
Pittsburgh Penguins - NHL Hockey
Pittsburgh Pirates - MLB Baseball
Pittsburgh Steelers - NFL Football
Pro Football Hall of Fame - Canton, OH

Festivals and Events

Cleveland National Air Show - Cleveland, OH
The Cleveland National Air Show is a Labor Day weekend family tradition and features air racing, parachute displays, and tactical demonstrations

Three Rivers Arts Festival - Pittsburgh, PA
This 10 day annual festival in downtown Pittsburgh includes exhibitions, musical and dance performances, and an arts and crafts market.

Three Rivers Regatta - Pittsburgh, PA
This annual event features concerts, skydivers, motocross demonstration, fishing tournaments, and water events.

World Golf Championships–Bridgestone Invitational - Akron, OH
This stop on the PGA Tour is held in Akron and features numerous golf stars.

OUTSTANDING HEALTH CARE....

Youngstown-Warren, Ohio residents have access to excellent health care. Akron Children's Hospital-Mahoning Valley, Humility of Mary Health Partners, ValleyCare Health System/Forum Health, Sharon Regional Health System, UPMC Horizon have full-service hospitals and emergency care, well as various diagnostic, urgent care and surgical support facilities. Other providers also offer specialty services and health care for both in-patient and out-patient needs. Along with hospital services, there are 1,316 physician and diagnostic offices, 55 nursing homes and assisted living facilities, and 253 social care agencies to assist residents with health care issues.

Hospital System	Number of Beds	Number of Employees
ValleyCare Health System (formerly Forum Health)	811	4,000
Northside Hospital		
Trumbull Memorial Hospital		
Hillside Rehabilitation		
Humility of Mary Health Partners	963	4,260
St. Elizabeth Health Center		
St. Elizabeth Boardman Health Center		
St. Joseph Health Center		
Akron Children's Hospital Mahoning Valley	32	440
East Liverpool City Hospital	164	700
Salem Community Hospital	183	900
Sharon Regional Health Systems	215	1,800
UPMC Horizon	207	800
Grove City Medical Center	111	800

- Akron Children's Hospital Mahoning Valley is expanding services to include a $7 million surgery center on the Beeghly Campus. The new facility, which opened in October 2010, is the area's only dedicated pediatric surgery department.
- St. Elizabeth Health Center is the only Level I trauma center between Pittsburgh and Cleveland authorized and equipped to also treat pediatric patients.
- St. Elizabeth's cardiac and vascular services have been recognized by a national organization as among the best in the nation. St. Elizabeth Health Center has also been recognized for overall clinical excellence four times in a row.
- The St. Elizabeth and St. Joseph Surgical Weight Loss Center was named a Bariatric Surgery Center of Excellence® by the American Society for Metabolic & Bariatric Surgery
- HMHP was chosen as one of five healthcare organizations in the United States – and the only one in Ohio – to participate in a study of patient safety initiatives called SafeStart.
- HM Home Health Services received national honors when it was ranked among the top 500 home health agencies in the country and was named as part of HomeCare Elite 2008 for the second year in a row.
- St. Elizabeth and St. Joseph health centers, St. Elizabeth emergency and diagnostic centers in Boardman and Austintown, and the St. Joseph Outpatient Surgery Center in Howland have achieved magnet recognition status, the gold standard of patient care.
- St. Elizabeth's Dental Clinic is one of just three dental programs in the nation to receive the "Best Practice" award from Safety Net Solutions. The award recognizes the hard work and accomplishments of safety net dental programs that have translated into positive improvements for the communities they serve. The St. Elizabeth Dental Clinic is the only oral health clinic in the area with the capacity to complete advanced procedures and provide emergency care 24/7.

REGIONAL HEALTH CARE....

- Catholic Healthcare Partners (CHP), parent company of Humility of Mary Health Partners (HMHP), has been named one of the nation's Top 10 health systems by Thomson Reuters. The recognition is based on the clinical performance of CHP's hospitals including those located in the Mahoning Valley.
- Trumbull Memorial Hospital recently received a Thomson Reuters Healthcare Advantage Award for significantly improving the quality and effectively managing the cost of healthcare. Only six hospitals across the country received the award and TMH is the only receipient in Ohio.
- Northside's Center for Orthopedic Excellence has earned the Gold Seal of Approval™ for health care quality from The Joint Commission awarded the Disease-Specific Care Certification for total joint replacement of both the hip and knee. Northside is the first hospital in Northeastern Ohio to received this designation.

- Anthem Blue Cross and Blue Shield designated Northside as a Blue Distinction Center for total hip, knee, and spine.
- Northside was ranked number one in the state of Ohio and top 10% in the Nation for Overall Orthopedic Care and received numerous five star ratings for Orthopedic Quality by HealthGrades.
- Sharon Regional received a 2007 "Distinguished Hospital Award for Clinical Patient Safety" by HealthGrades, Inc., a leading source for health care quality information in the U.S. The facility was one of only 17 Pennsylvania hospitals to earn the award and only Mercer County hospital.
- Sharon Regional's Heart & Vascular Institute was recently presented with the American College of Cardiology Foundation's NCDR-ACTION Registry Silver Performance Achievement Award for 2008 - one of only 93 hospitals nationwide.

More World Class Health Care - in less than a two-hour drive:

Cleveland Clinic
* #9 in Cancer
* #6 in Diabetes & Endocrinology
* #8 in Ear, Nose & Throat
* #2 in Gastroenterology
* #10 in Geriatrics
* #4 in Gynecology
* #1 in Heart & Heart Surgery
* #3 in Kidney Disorders
* #6 in Neurology & Neurosurgery
* #10 in Ophthalmology
* #4 in Orthopedics
* #22 in Psychiatry
* #3 in Pulmonology
* #2 in Rheumatology
* #2 in Urology
* #27 in Pediatrics: Cancer
* #18 in Pediatrics: Diabetes & Endocrinology
* #21 in Pediatrics: Gastroenterology
* #22 in Pediatrics: Heart & Heart Surgery
* #26 in Pediatrics: Kidney Disorders
* #6 in Pediatrics: Neurology & Neurosurgery
* #21 in Pediatrics: Orthopedics
* #30 in Pediatrics: Urology

University Hospitals Case
* #34 in Cancer
* #37 in Ear, Nose & Throat
* #28 in Gastroenterology
* #28 in Geriatrics
* #48 in Gynecology
* #21 in Orthopedics
* #42 in Pulmonology

Pediatric Specialties
* #26 in Pediatrics: Cancer
* #13 in Pediatrics: Diabetes & Endocrinology
* #23 in Pediatrics: Kidney Disorders
* #4 in Pediatrics: Neonatology
* #17 in Pediatrics: Neurology & Neurosurgery
* #14 in Pediatrics: Orthopedics
* #10 in Pediatrics: Pulmonology

UPMC - University of Pittsburgh Medical Center
* #31 in Cancer
* #30 in Diabetes & Endocrinology
* #3 in Ear, Nose & Throat
* #11 in Gastroenterology
* #8 in Geriatrics
* #22 in Heart & Heart Surgery
* #17 in Kidney Disorders
* #17 in Neurology & Neurosurgery
* #8 in Orthopedics
* #9 in Psychiatry
* #7 in Pulmonology
* #15 in Rehabilitation
* #9 in Rheumatology
* #20 in Urology

Magee Women's - UPMC
* #42 in Cancer
* #6 in Gynecology

Children's Hospital
* #23 in Pediatrics: Cancer
* #3 in Pediatrics: Diabetes & Endocrinology
* #6 in Pediatrics: Gastroenterology
* #12 in Pediatrics: Heart & Heart Surgery
* #12 in Pediatrics: Kidney Disorders
* #13 in Pediatrics: Neonatology
* #11 in Pediatrics: Neurology & Neurosurgery
* #23 in Pediatrics: Orthopedics
* #6 in Pediatrics: Pulmonology
* #15 in Pediatrics: Urology

BUSINESS TAXES ....

OHIO MAJOR BUSINESS TAXES

COMMERCIAL ACTIVITY TAX (CAT) - This tax replaced the Corporation Franchise Tax which was phased out over the last five years. Most companies doing business in Ohio will be subject to the commercial activity tax, a broad-based, low rate business privilege tax measured by gross receipts. The CAT is levied at a rate of 0.26% on gross receipts in excess of one million dollars. Businesses with receipts of $150,000-$1 million will pay a minimum tax of $150. Businesses with receipts of less than $150,000 are not subject to the CAT. Note– Tax only applies to sales in Ohio. Sales outside of Ohio are exempt.
For more information about the CAT - contact the Ohio Department of Taxation at 1-888-7-CATTAX. or visit www.tax.ohio.gov.

TANGIBLE PERSONAL PROPERTY TAX - Ohio has eliminated its Tangible Personal Property Tax and no longer imposes this tax on business furniture & fixtures, machinery & equipment, or inventory.

REAL PROPERTY TAX - Real estate is assessed at 35 percent of market value, the tax rates vary by location.

INDIVIDUAL INCOME TAX - Every Ohio resident, as well as non-residents having Ohio-sourced income, is subject to the Ohio Income Tax . The tax is varied and based on an income schedule. Some cities and villages in Mahoning, Trumbull and Columbiana Counties also levy an income tax on wages, salaries, and other compensation received by residents of the municipality and by nonresidents working in the municipality; and business income resulting from activities in the municipality. Rates vary according to specific locale, but range between 0% and 2.75%.

SALES AND USE TAX - A state rate of 5.5 percent applies to retail sales and rental of tangible personal property. Counties and regional transit authorities may levy additional sales taxes, which vary from county to county: Trumbull (6.5%), Mahoning (6.75%), Columbiana (7.0%). A state and local sales tax rate map is available through the Ohio Department of Taxation. The state also requires many service businesses to collect and remit sales tax. A brochure, Vendors: Sales Tax Laws in Ohio, details applicable businesses and procedures.

UNEMPLOYMENT COMPENSATION CONTRIBUTIONS - Employers must make contributions on the first $9,000 of each covered employee's wages. The contribution rate for new employers is 2.7%, except for those engaged in the construction industry, who pay 6.4%. Employers pay this rate until they qualify for an "experience rate". Experience rates vary yearly, but ranged from 0.7% to 9.6% for 2011.

WORKERS' COMPENSATION PREMIUMS - All employers make premium payments unless they qualify as self-insurers. Rates based on the hazards involved vary by industry classification.

MOTOR VEHICLE FUEL USE - A tax levied on the difference between the fuel purchased and that consumed in Ohio by vehicles with three or more axles, the flat charge is $.28 per gallon consumed in Ohio.

MOTOR VEHICLE LICENSE - Commercial vehicles pay a prorated tax based on the ratio of mileage traveled in Ohio to total mileage. The tax is based on gross weight of the vehicle and it ranges from $56 for 2,000 pounds to $1,351 for those in excess of 78,000 pounds.

BUSINESS INCENTIVES....

Lucrative project incentives are available to qualifying manufacturing firms that are expanding or locating in metropolitan Youngstown-Warren, Ohio. The Regional Chamber will work with you to determine eligibility for, explain and help secure applicable incentive programs highlighted below:

Enterprise Zones (EZ): Enterprise Zones have been established in metropolitan Youngstown-Warren, Ohio. Companies that locate in an EZ could be eligible for tax abatements on investments in real property (i.e. building, construction, expansion, renovation). The maximum allowable tax abatement in cities and villages, is 75 percent (over 75 percent requires school board approval) and 60 percent in other communities (over 60 percent requires school board approval). The maximum abatement term is 10 years (15 years with school board approval).

Foreign Trade Zone (FTZ) 181: FTZ 181 has been established at various locations in metropolitan Youngstown-Warren Ohio. In order to promote international trade, FTZ 181 can delay, reduce or eliminate customs duties levied on raw materials, parts, components or finished products imported from other countries.

Community Reinvestment Area (CRA): Community Re-investment Areas are located in designated parts of metropolitan Youngstown-Warren, Ohio. CRAs provide real-property tax exemptions for companies constructing or renovating a facility. Up to 100 percent of the value of building improvements/ construction may be exempt from real property taxes for a maximum 15 years.

Ohio Job Creation Tax Credit (JCTC): A refundable Commercial Activity Tax credit based the percentage of state income tax paid by new employees is available for businesses that expand or locate in Ohio. The maximum rate and term of the credit is 75% for 10 years. Approved projects generally range from 30-50% for three to six years. Rate and term exceptions occur only at the recommendation of state officials. The JCTC requires that a business create at least 25 new full-time positions with average wages for all new employees at least 150 percent of the federal minimum wage. Special eligibility provisions apply for companies that create as few as 10 new full time jobs.

Manufacturing Machinery & Equipment Sales Tax Exemption: Machinery, equipment, supplies and fuel purchased and used primarily in a manufacturing operation to produce tangible personal property for sales are exempt from state and county sales tax.

Warehouse Machinery & Equipment Sales Tax Exemption: Eligible warehousing equipment, including machinery and equipment used primarily in storing, transporting, mailing or handling inventory in a warehouse or distribution center is exempt from state and county sales tax as long as the inventory handled by the facility is 1) primarily distributed outside Ohio to retail stores owned by the business or affiliated group that owns the Ohio facility or 2) distributed by means of direct marketing.

Research and Development Sales Tax Exemption: Provides an exemption from state and county sales tax for companies that purchase equipment for research and development activities.

Low Interest Loans:
State and federal programs provide loans for the acquisition of land, structures, new construction, facility renovation or expansion and the purchase of machinery and equipment. Interest rates are typically below bank levels and the programs allow greater debt leverage / less cash equity. Most programs require bank and owner equity participation and specify minimum public funds/jobs ratios. Other requirements may include payment of Prevailing Wage Rates for construction and/or equipment installation. Select program examples include:

GrowNOW Small Business Linked Deposit Program:
This interest rate reduction program is designed to help small businesses grown by providing them with critical cash flow. When a business is approved for a loan from an eligible bank, GrowNOW provides an additional 3% discount on the loan's already-negotiated interest rate, when the loan is linked to creating or saving jobs in Ohio.

BUSINESS INCENTIVES....

Direct (166) Loan Program: This state sponsored program provides loans for land and building acquisition, expansion and renovation and the purchase of machinery and equipment. The borrower must create one job for every $15,000 received, $35,000 in Priority Investment Areas, e.g. the cities of Youngstown, Campbell, Struthers and Warren. The loan may range from $350,000 to $ 1million.

166 Regional Loan Program: This program provides loans for land and building acquisition, expansion and renovation and the purchase of machinery and equipment. The borrower must create one job for every $35,000 received, up to the maximum loan amount of $350,000.

Tax-Exempt Industrial Revenue Bonds (IRB): Small issue industrial revenue bonds can be used for manufacturing purposes. Funding is available for land and building acquisition, construction, expansion or renovation, and equipment purchase. The bonds are issued by public entities on behalf of private, for-profit companies. Interest earned by the bond buyers is exempt from federal (and some state) income tax.

SBA 504 Direct Loan Program: This federal program provides fixed rate, second mortgage financing for real estate (land, building, construction/renovation) and machinery and equipment. The borrower must create one new job within 3-years for every $35,000 received. The maximum loan is typically $1 million. Real estate loans are 20-year and machinery/ equipment loans are 10-year. Bank participation and cash equity from the owner are required.

Revolving Loan Funds (RLF): Counties, cities and some villages and townships have local revolving loan funds. While rates and terms vary, these programs typically provide fixed rate, subordinated loans for real property, machinery and equipment, and furniture, fixtures and equipment. Most require the borrower to create one new job for every $10,000 to $15,000 of funding.

USDA Business & Industry Loan Guarantees – The USDA can guarantee quality loans involving manufacturing, wholesale, retail and services as long as the project involves creation and/or saving of jobs. The purpose need not be agriculturally related. Eligibility based on location of project.

Ohio Workforce Guarantee Program – supports companies making investments in facilities, equipment and training by providing direct financial support for eligible tuition and training costs.

Ohio One Stop Workforce Centers – One-Stop Centers offer assessment services including identifying and screening employees; on and off-site training programs; and administers grants for incumbent workers, targeted industries and on-the-job training.

Public Infrastructure Support: For projects requiring improvements to public roads and/or water/sewer lines, partial or full funding through various grant programs may be available. The amount is typically based on the jobs created by a project. On-site improvements can be funded if they are designated to be public infrastructure. Private infrastructure improvements can be funded through previously noted loan programs.

Sales Tax Exemption on Building Materials combined with On/Off Balance Sheet Leasing: Working with the Western Reserve Port Authority can exempt projects from Ohio sales tax on building materials. The port authority owns and leases the facility to the company on a fully net basis - as either a capital lease or an off-balance sheet transaction - based on the company's underlying financial strength. The company is responsible for facility design/construction and operations/ maintenance. Other financing and tax incentives can flow-through the port authority to benefit the company, and the company can still utilize a private sector real estate developer/owner/lessor if it so chooses.

ECONOMIC DEVELOPMENT SERVICES ....

The Regional Chamber provides comprehensive economic development information and assistance to prospective and existing Mahoning Valley firms. We help companies grow by furnishing strategic information and assistance that is tailored to fit individual business needs. With our help, more than 400 firms collectively have announced investments totaling $2.8 billion in the area. The related impact includes 19,200 new jobs, 22,200 retained jobs and the construction or absorption of 20 million square feet of space.

Incentives and Financing

New and existing firms can benefit from incentive programs that will boost their bottom line. We will explain, qualify and help you take advantage of:

- Ohio's new business friendly tax environment which provides
  - a single tax based on .26% of gross sales
  - no property tax on inventory, machinery and equipment.
- Tax credits for job creation, retention and technology investments
- Real Property Tax Abatements for new building construction/renovation
- Sales tax exemptions for manufacturing and warehouse machinery and equipment, and research and development purchases.
- Low Interest Financing for investments in:
  - Land
  - building construction/improvements
  - machinery, equipment, furniture and fixtures.
- Grants/Funding for
  - Employee training
  - Public infrastructure improvements.

International Trade

Build your business through global trade. The Chamber's International Trade initiative provides information and resources for doing business around the world. With our internal experience as well as the Northeast Ohio Trade Economic Consortium's (NEOTEC) International Trade Assistance Center (ITAC) and its state/federal/world partners, we offer technical assistance with:

- Increase international sales or sourcing opportunities
- Foreign Trade Zones
- Develop export compliance and international trade plans.

Land and Buildings

Find the best place for your business. Our online database offers:

- Available buildings and sites
- Premier Shovel Ready Sites
- Confidential tours arranged at your request

Manufacturing Technical Services and Assistance

Through our partnership with MAGNET, we can assist with:

- Production Innovation and Development
- Process Improvement
- Lean Manufacturing Techniques

Strategic Information

Our website puts a tremendous amount of information at your fingertips. At anytime, you can get data on:

- Incentive Programs
- The region's business environment
- Local facts, figures and statistics
- The Chamber's array of development services and achievements
- And much, much more

Your Connection

We are your link to key officials:
Working directly with federal, state and local government officials/agencies - advocating on your behalf - to meet your business needs.

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11 Federal Plaza Central Suite 1600
Youngstown, OH 44503-1592
Phone: 330-744-2131 Fax: 330-746-0330

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