

WE MAKE THINGS HERE

IDEAS + PRODUCTS + PROFITS



OHIO IS
#1 IN FORGING AND ROLL FORMING
#2 IN PRIMARY METAL MANUFACTURING EMPLOYMENT
 AND
#3 IN FABRICATED METAL PRODUCT MANUFACTURING EMPLOYMENT

METAL PRODUCTION AND FABRICATION

Source: Ohio Manufacturers' Association 2012, Percentage of US Shipments

Source: EMSI 2016.2

WE MAKE

METAL PRODUCTION AND FABRICATION BUSINESSES IGNITE

The Cleveland Plus region is an ideal environment for metal production and fabrication companies. Our region offers an exceptional distribution infrastructure, a relatively low cost of doing business and a talented, dedicated workforce of more than 74,000 individuals trained in metal production and fabrication. With more than 2,300 establishments – AK Steel, ArcelorMittal, Diebold, Parker Hannifin, Swagelok, Tata Steel and Timken, to name a few – representing this industry across every link in the supply chain, Northeast Ohio offers opportunities for building mutually beneficial partnerships that can help your business thrive.

INDUSTRY STRENGTH

Cleveland Plus is a leading center for steel and metals production, with integrated mills and mini-mills producing sheet, bar and tubing, as well as more than 3,000 fabricated metal product and machinery manufacturing companies.

INDUSTRY GROWTH

Cleveland Plus is a robust and growing region with strong growth opportunities for metal production and fabrication companies.

- + Major metalworking industries – primary metal manufacturing and fabricated metal product manufacturing – are expected to grow through 2025, taking this \$9.9 billion industry to the \$13.4 billion mark
- + The \$3.2 billion primary metal manufacturing segment, which is up 87% since the lowest point of the recession, is expected to grow another 28% by 2025
- + The \$6.7 billion fabricated metal product manufacturing segment, up 26% over the same time period, is projected to grow another 38%.

3,427
TOTAL COMPANIES

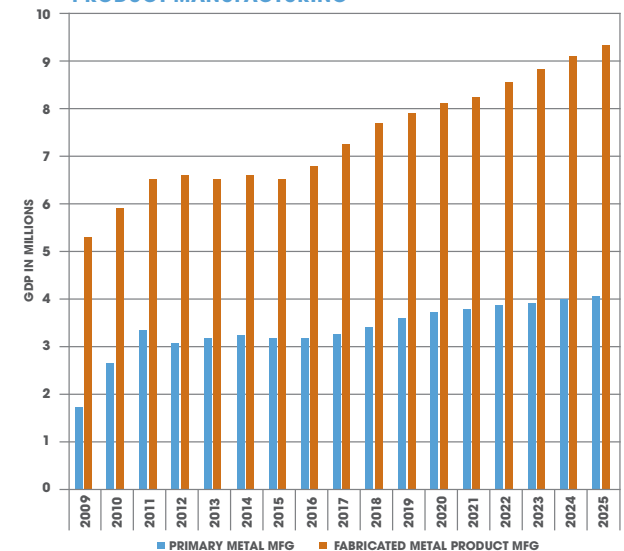
2,057 FABRICATED METAL PRODUCT MANUFACTURING

1,094 MACHINERY MANUFACTURING

276 PRIMARY METAL MANUFACTURING

Source: Reference USA

ACTUAL OUTPUT AND PROJECTIONS IN PRIMARY METAL MANUFACTURING AND FABRICATED METAL PRODUCT MANUFACTURING



Source: Economy.com

CLEVELAND PLUS OFFERS OUTSTANDING ACCESS TO:

+ Major Markets

Cleveland Plus is centrally located between New York City, Chicago and Toronto. It is within a day's drive of 60% of all US Fortune 500 headquarters as well as many Canadian locations, translating into faster shipping times and reduced costs for your business.

+ Transportation

Northeast Ohio offers a broad range of efficient, low-cost transportation and shipping options to move products, supplies and materials. Our three Class I railroads and five interstate highways offer quick access to key markets in the U.S. and Canada, translating into faster shipping times and reduced costs for your business.

+ Energy Sources

The Cleveland Plus region is ideally situated above large oil and gas deposits in the Marcellus and Utica Shale formations. With more than 25 trillion cubic feet of recoverable natural gas and 7 billion barrels of oil, the region is experiencing sustained economic growth from the lucrative wet gases of the Utica formation. As a result, manufacturers have a source of reliable, consistent and efficient energy.

COMPANY SUCCESSES TELL THE STORY BEST

Companies in this industry continue to choose and invest in Cleveland Plus because they have confidence in its long-term business potential. For example:

Alcoa Invests in Cleveland Facility

The world leader in lightweight metals technology, engineering and manufacturing, Alcoa continues to invest in its Cleveland facility to further strengthen its global competitiveness. To maximize its production capacity in Cleveland, the company recently upgraded two large (15,000- and 35,000-ton) forging presses that produce components for Boeing and Airbus. The resultant capacity increase is creating 70 new jobs and retained 1,200 in Northeast Ohio. Alcoa completed a \$100 million upgrade of its 50,000-ton press in Cleveland just four years ago.

EDUCATION AND TRAINING PROGRAMS SUPPORT YOUR BUSINESS

Cleveland Plus is home to 29 institutions offering engineering programs – from bachelor degrees to certificates – that add annually to our talented labor pool for the metal production and fabrication industry. More than 2,398 degrees were awarded in 2014.* Further, more than 21 schools offer precision production programs. Examples of programs that support metal production and fabrication businesses:

Case Western Reserve University - Case School of Engineering

The Case School of Engineering has a 125-year history of excellence and is nationally ranked as one of the top engineering schools. Case Western Reserve University ranks 12th among private institutions and 24th overall in federal expenditures for science and engineering research development.

University of Akron - College of Engineering and Science Technology

The College of Engineering and Science Technology offers 40 associate degrees and 12 bachelors degrees. Areas of study include CNC operation and programming, robotics and automated manufacturing, quality assurance and manufacturing management.

Lorain County Community College (LCCC)

LCCC has been named one of the top 120 community colleges in the United States by the Aspen Institute. LCCC offers several engineering and manufacturing programs and short-term certificate programs in areas including CNC operation, welding, industrial computing and quality control.

Akron Testing Laboratory and Welding School

The Akron Testing Laboratory and Welding School has been qualifying and training welders for more than 50 years. They work with companies to develop specialized programs tailored to meet their needs.

Metal production and fabrication businesses choose Cleveland Plus. From ideas to products to profits, we make things here. We make things happen.

Cleveland+
Akron+ Canton+ Youngstown

We make things here.
Ideas + Products + Profits

To find out more about Cleveland Plus, contact us at **888.NEO.1411**. Or visit **clevelandplusbusiness.com** today.

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