



Fabricated Metals

Revised 11/10/15

Key Points

Gross Regional Product
\$6.9 Billion

Workforce
65,452 Employees

Number of Companies
2,619

Export Value
\$2.1 Billion

Rank Among Peers

2nd Fabricated Metals Exports

1st Forging and Stamping

1st Spring & Wire

2nd Fabricated Metals Employees

1st Forging and Stamping

1st Spring & Wire

The Fabricated Metals Sector

Fabricated metals companies transform purchased metals into intermediate or end-use products by forging, stamping, bending, forming, welding, machining, and assembly. Major segments of the fabricated metal products industry include architectural and structural products; forging and stamping; machining; cutlery, tools, and kitchenware; boilers, tanks, and containers; hardware; springs and wires; coating, plating, and polishing; and valve and pipe manufacturing.

The Chicago region is a national leader in fabricated metals with high rankings in exports and employment. From 2014 to 2015, the number of fabricated metals establishments grew from 2,596 to 2,619, led by machine shops, forging and stamping, and architectural and structural metals. Chicago has a specialization in the majority of fabricated metals subsectors, most notably in forging and stamping and spring and wire manufacturing.

Trade Shows and Associations

Fabricators & Manufacturers Association, International, headquartered in Rockford, IL, is a professional organization with more than 2,300 individual company members. Founded in 1970, FMA brings metal fabricators and equipment manufacturers together through technology councils, education, networking events and FABTECH.

FABTECH is North America's largest metal forming, fabricated, welding and finishing event. It is held annually in Chicago and typically attracts more than 40,000 attendees and over 1,500 exhibiting companies. The event provides networking and learning opportunities with over 100 education sessions and expert-led presentations.

Supply Chain and Subsectors

Many fabricated metals subsectors are suppliers for other subsectors in the same industry. One example is machine shops, which are the fourth largest supplier for the fabricated metals sector in the Chicago region (measured by the amount spent in that subsector by the rest of the industry). Machine shops produce intermediate products through processes such as drilling and cutting, creating a product which is in turn used by other fabricated metals manufacturers.

This helps to explain why machine shops make up the highest share of establishments, employees, and gross regional product within the broader fabricated metals sector in the Chicago region. However, because this subsector is primarily producing intermediate products, it makes up a much smaller percentage of exports. Exports are dominated by companies that are classified as "miscellaneous," which includes many large companies that make finished products, such as Elkay Manufacturing, which manufactures sinks, and Handi-Foil, which manufactures foil products for consumer use.

Major Trade Shows

Trade Show

EMO
 METEC
 Exposibram
 Expo Manufactura
 FABTECH
 IMTS

Location

Milan, Italy
 Düsseldorf, Germany
 Belo Horizonte, Brazil
 Monterrey, Mexico.
 Mexico City, Mexico
 Chicago, Illinois

2015/2016 Date

5-10 May, 2015
 16-20 June, 2015
 14-17 September, 2015
 2-4 February, 2016
 4-6 May, 2016
 12-17 September, 2016

Top Employers in the Chicago Metro

Company

Atkore International
 Handi-Foil
 Spraying Systems
 FIC America
 Durable
 Tempel Steel
 HydraForce
 Elkay Manufacturing
 Senior Operations
 Jernberg Industries
 TC Industries
 McGill Manufacturing
 NTN Bearing
 Principal Manufacturing
 Scott Forge
 Burgess-Norton
 Custom Aluminum Products
 Dayton Superior
 Peerless-AV
 Dudek & Bock

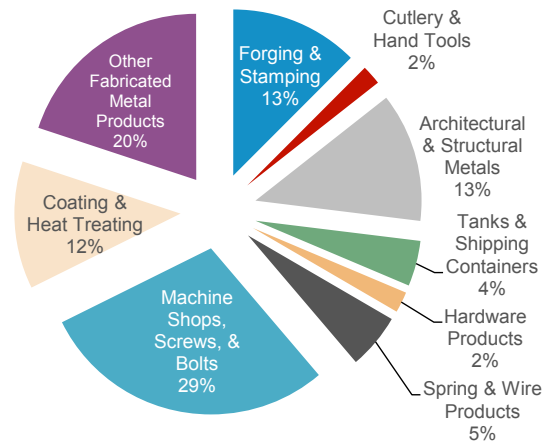
Subsector

Architectural/Structural
 Miscellaneous
 Miscellaneous
 Forging/Stamping
 Miscellaneous
 Forging/Stamping
 Miscellaneous
 Miscellaneous
 Miscellaneous
 Forging/Stamping
 Miscellaneous
 Miscellaneous
 Forging/Stamping
 Forging/Stamping
 Machine Shop
 Architectural/Structural
 Architectural/Structural
 Hardware
 Spring/Wire

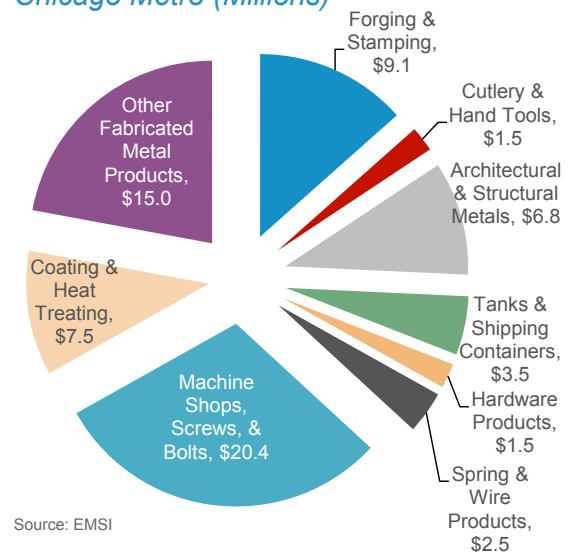
Employees

900
 700
 700
 590
 500
 500
 491
 450
 450
 433
 400
 400
 380
 325
 325
 300
 300
 300
 260
 200

Fabricated Metals Employment By Subsector, Chicago Metro



Fabricated Metals GRP by Subsector, Chicago Metro (Millions)



Source: EMSI



Note: Data reflects all subsectors of NAICS 332 Fabricated Metal Product Manufacturing. Data refers to the Chicago metropolitan statistical area (MSA), a 14-county, tri-state region: Cook, DeKalb, DuPage, Grundy, Kane, Kendall, Lake, McHenry, & Will counties in Illinois; Jasper, Lake, Newton, & Porter counties in Indiana; Kenosha County in Wisconsin
 Source: Brookings Exports Monitor (2014 data), Bureau of Labor Statistics Quarterly Census of Employment & Wages (2012 and 2013 data), Crain's Chicago Business (2014 data), EMSI (2012-2014 data), Hoover's, Inc. (2014 data), LinkedIn, Manufacturers' News, Inc. (2014 data), U.S. Cluster Mapping (2012 data), USA Trade Online, Census Bureau (2014 data)

Chaired by Mayor Rahm Emanuel, World Business Chicago drives regional economic growth. WBC collaborates to create jobs, cultivate talent, and put Chicago at the forefront of the global economy. A unique public-private partnership, WBC engages business and community leaders to advance Chicago's Plan for Economic Growth and Jobs. For more information visit worldbusinesschicago.com or call 312.553.0500.