



## OVERVIEW

Alabama is home to hundreds of primary and fabricating metal companies and has attracted investment from companies around the globe. The State's strong logistical, labor and education advantages, have help these industries grow and prosper.

Real GDP output rose 1.3 percent for primary metals but fell 0.3 percent for fabricated metals in 2017.

*Source: Alabama Economic Outlook 2018, Center for Business and Economic Research, University of Alabama.*

## HIGHLIGHTS

- In Mobile, Outokumpu and AM/NS Calvert Steel processing facilities (a combined \$3.7 billion investment) provide opportunity for other primary and fabricating metal manufacturers to build capacity. In 2015, AM/NS Calvert Steel announced an additional \$88 million investment to produce two new high-strength steel varieties.
- Several industries have already decided to take advantage of Alabama's growing opportunity. Energex Tube, a maker of steel pipe for the oil and gas industry, chose Thomasville for two facilities representing an investment of \$57 million and 280 jobs. Golden Dragon Precise Copper Tube opened its \$100 million plant, in Wilcox County to make copper tubing.
- Carpenter Technology constructed a \$500 million facility to produce premium metals (up to 27,000 tons per year) for the fast-growing aerospace and energy industries. The facility includes remelting, forging, and finishing.

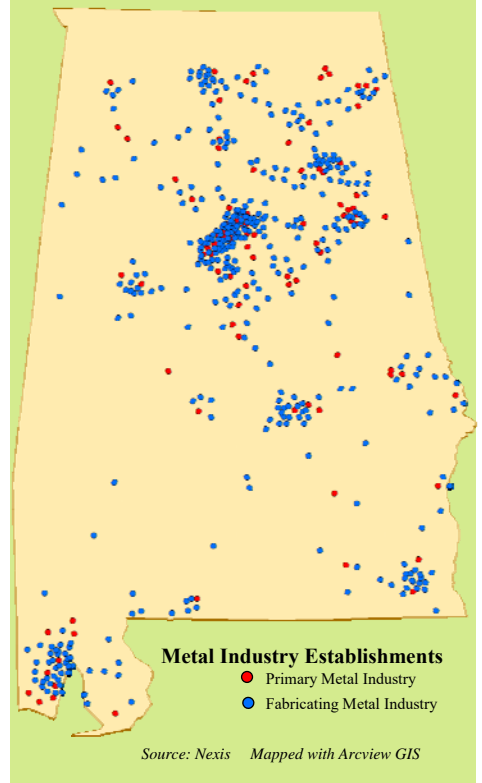
Over 1,100 metal companies are located in the state.

Alabama is home to 3 of the nation's 7 major pipe makers.

Primary metal manufacturing exports from Alabama were valued over \$1.9 billion in 2017.

Fabricated metal manufacturing exports from Alabama were valued over \$323 million in 2017.

*Sources: Bureau of Labor Statistics, QCEW, Annual Avg 2017; Alabama Department of Commerce; International Trade Administration, TradeStats Express*



## ESTABLISHMENTS / EMPLOYMENT

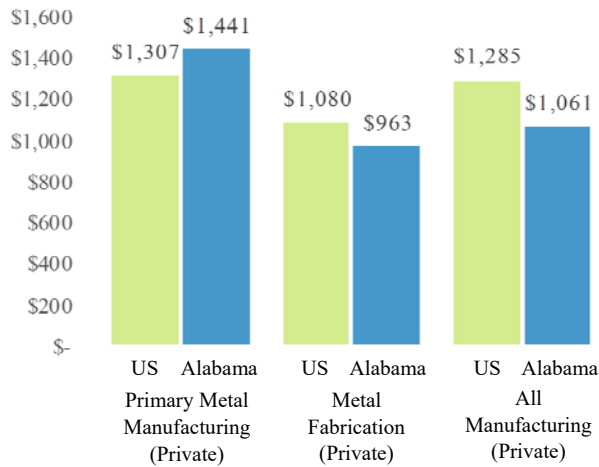
Industry	Establishments	Employment
Primary Metal Manufacturing	134	16,830
Fabricated Metal Product Manufacturing	1,095	26,105

*Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages, Annual Avg. 2017*





## AVG WEEKLY WAGES, 2017



Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages, Annual Avg. 2017

Alabama has 16 National Institute for Metalworking Skills (NIMS) certified programs in the state.  
Source: [www.nims-skills.org](http://www.nims-skills.org)

**AIDT**  
Top 5  
U.S. Training Agency

One of AIDT's metal working classrooms at the Maritime Training Center.

## EDUCATED WORKFORCE

### Colleges with Welding Certificates/Associates



- Welding offered at 18 public two-year institutions at 28 campuses.
- Over 3,500 graduates from the past five years. (Summer 2012/Spring 2013 through Summer 2016/Spring 2017)
- Over 1,300 students enrolled in Fall 2017.

Source: Alabama Commission on Higher Education

### Colleges with Machine Tool Technology / CNC Certificates/Associates



- Machine Tool Technology / CNC offered at 13 public two-year institutions at 18 campuses.
- Over 850 graduates from the past five years. (Summer 2012/Spring 2013 through Summer 2016/Spring 2017)
- Over 268 students enrolled in Fall 2017.

The Alabama higher education system consists of 29 four-year colleges and universities and 24 two-year community and technical colleges strategically located throughout the state providing Alabamians with educational opportunities to meet the emerging needs of industry.

The University of Alabama's Metallurgical and Materials Engineering program grants Bachelor, Masters and Doctorate degrees. Faculty and students in the programs are also involved in research in the areas of metal matrix composites, mechanical properties of materials and metals, and metal processing.



## RECENT EXPANSIONS & NEW PROJECTS (PARTIAL LIST)

Company	County	Product	Jobs Created	Investment (Millions)
<b>2017</b>				
GA Plating	Chambers	Metal and zinc plating	20	\$0.79 (Expansion)
GD Copper USA	Wilcox	Copper pipes and tubes for air conditioning, autos and other applications	40	N.A. (Expansion)
Great Lakes Metal Stamping	Chambers	Metal Stamping	-	\$3.0 (Expansion)
American Metals Group	Talladega	Cold drawn steel bars for the automotive, construction and energy industries	80	\$5.3 (New)
<b>2016</b>				
AGCOR Steel	Cullman	Metal roofing and post frame buildings	20	\$4.0 (Expansion)
BSK Properties	Chambers	Metal stamping	-	\$2.3 (Expansion)
Burt Steel	Montgomery	Fabricated structural metal buildings	24	\$1.15 (Expansion)
C&C Fabrication	Chambers	Metal fabrication	5	\$1.0 (Expansion)
Choice Manufacturing	Etowah	Metal stamping automotive parts	12	\$4.5 (Expansion)
Dow Corning Alabama, Inc.	Montgomery	Silicon Metal	-	\$24.9 (Expansion)
GA Plating	Chambers	Zinc and nickel plating of automotive parts	45	\$6.3 (New)
GH Metal Solutions	DeKalb	Metal stamping	20	\$3.3 (Expansion)
Great Lakes Metal Stamping	Chambers	Metal stamping	6	\$3.8 (Expansion)
Huron Valley Steel	Calhoun	Reclaimed steel products	12	\$2.4 (Expansion)
Liberty Steel Fabricators	DeKalb	Structural steel and steel fabrication	40	\$2.2 (Expansion)
Motobilt	Houston	Metal fabrication	5	\$0.725 (Expansion)
Nucor	Morgan	Steel manufacturing	-	\$4.4 (Expansion)
P&R Metals	Jefferson	Steel, aluminum and fiberglass gratings	-	\$0.7 (Expansion)
QHA Metal Products	Cullman	Metal components	10	\$0.525 (New)
REHAU	Cullman	Gaskets used in appliance manufacturing	50	\$5.0 (Expansion)
<b>2015</b>				
Blastec Mobile LLC	Mobile	Steel plate fabrication	76	\$4.5 (Expansion)
Custom Stud of Alabama	Montgomery	Structural steel studs	30	\$2.8 (New)
Feralloy	Morgan	Steel processing	-	\$2.8 (Expansion)
MetTech Machining	Wetumpka	CNC shop	3	\$0.7 (Expansion)
Steel Dust Recycling	Millport	Recycle EAF from steel dust	40	\$45.0 (Expansion)
US Steel	Jefferson	Steel processing	-	\$277.5 (Expansion)
<b>2014</b>				
Advanced Technical Finishing	Madison	Electroplating, plating, polishing, anodizing and coloring	-	\$4.0 (Expansion)
Alliance Steel	Limestone	Metal processing	45	\$10.9 (New)
American Metal Technology	St. Clair	Tube fabrication and assemblies	25	\$2.4 (Expansion)
AM/NS Calvert	Mobile	Carbon and stainless-steel processing	16	\$46.7 (Expansion)
Burt Steel	Montgomery	Fabricated metal buildings	15	N.A. (Expansion)
C&C Fabrication	Chambers	Metal fabrication, pipe fitting	6	\$1.9 (Expansion)
CS Engineering	Montgomery	Steel fabrication, pallets, containers	25	\$2.3 (Expansion)
Delta Steel and Tube	Lauderdale	Fabricated pipe	14	\$2.7 (Expansion)
Feralloy Corp./ GH Metal Solutions	Morgan	Cut & slit steel	8	\$3.0 (Expansion)
M-S Metal Solutions	Lauderdale	Tube & metal fabrication	82	\$3.0 (New)
Micor Industries	Morgan	Products for the aerospace and oil/gas sectors	16	\$3.1 (Expansion)
North Alabama Laserfab	Limestone	Laser-cut metal parts	5	\$0.5 (Expansion)
Nucor Corporation	Morgan	Steel production	-	\$15.4 (Expansion)
Nucor Corporation	Jefferson	Steel production	-	\$5.8 (Expansion)
O'Neal Manufacturing Services	Jefferson	Fabricated parts and components for Caterpillar track type tractors	25	\$5.0 (Expansion)
Pro-Fab Machine	Morgan	Commercial and industrial CNC	20	\$7.0 (Expansion)
P&T Welding and Trailer Sales	Limestone	Commercial and retail trailers	120	\$5.2 (Expansion)
R&B Alabama LLC	Limestone	Alloy components for aerospace, defense, and medical device sectors	60	\$3.5 (New)
Shelco Foundries	Calhoun	Iron components for large engines	106	N.A. (Expansion)