



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 fell -1.0 percent for primary metals and fell -7.2 percent for fabricated metals in 2020.

Source: Alabama Economic Outlook 2021, Center for Business and Economic Research, University of Alabama.

HIGHLIGHTS

- Novelis, a sustainable aluminum solutions provider, announced plans to build a new advanced manufacturing facility at the South Alabama Mega Site in Baldwin County, Alabama. With plans to invest \$2.5 billion, Novelis is expected to create approximately 1,000 jobs with its new low-carbon recycling and rolling plant. The plant will be the first fully integrated aluminum mill built in the United States in 40 years.
- 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.
- Steelmaker SSAB has announced plans to invest up to \$100 million in its plant in Axis.
- 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.

ESTABLISHMENTS / EMPLOYMENT

Industry	Establishments	Employment
Primary Metal Manufacturing	144	16,726
Fabricated Metal Product Manufacturing	1,118	25,915

Source: Bureau of Labor Statistics, Quarterly Census of Employment and Wages, Annual Avg. 2020



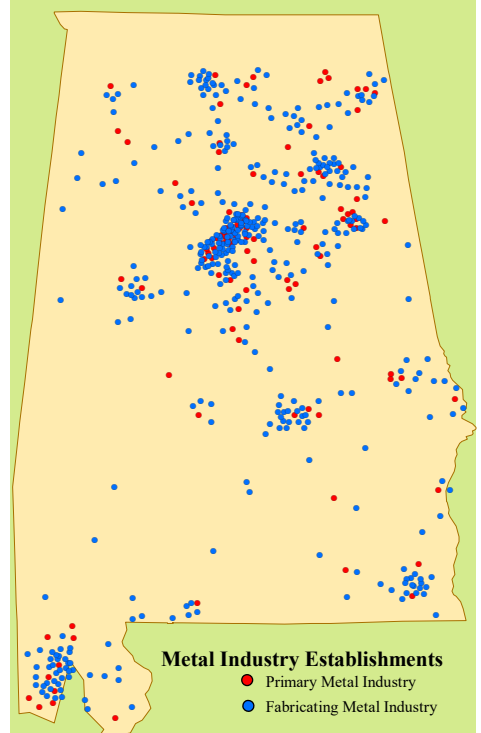
Over 1,100 metal companies are located in the state.

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

Primary metal manufacturing exports from Alabama were valued over \$886 million in 2020.

Fabricated metal manufacturing exports from Alabama were valued over \$336 million in 2020.

Sources: Bureau of Labor Statistics, QCEW, Annual Avg 2020; Alabama Department of Commerce; International Trade Administration, TradeStats Express

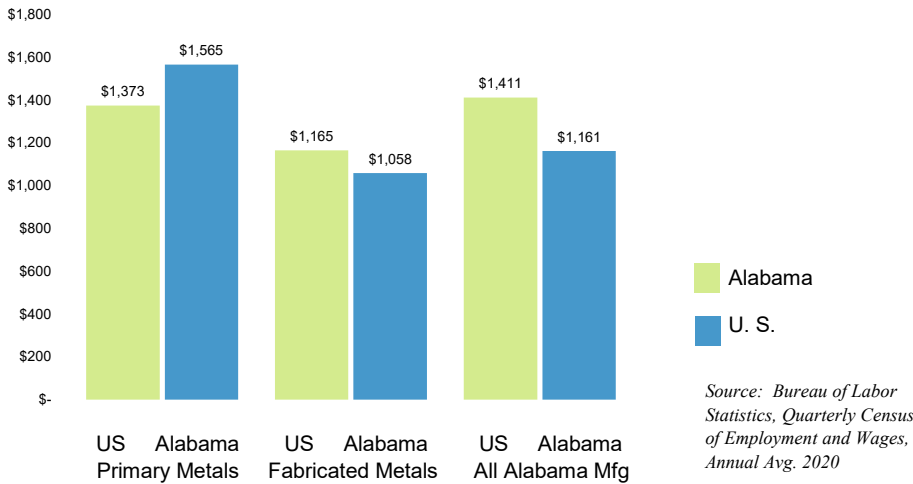


Source: Nexis Mapped with Arcview GIS

WIN with Alabama



AVG WEEKLY WAGES, 2020



Alabama has 24 National Institute for Metalworking Skills (NIMS) certified programs in the state.

Source: www.nims-skills.org



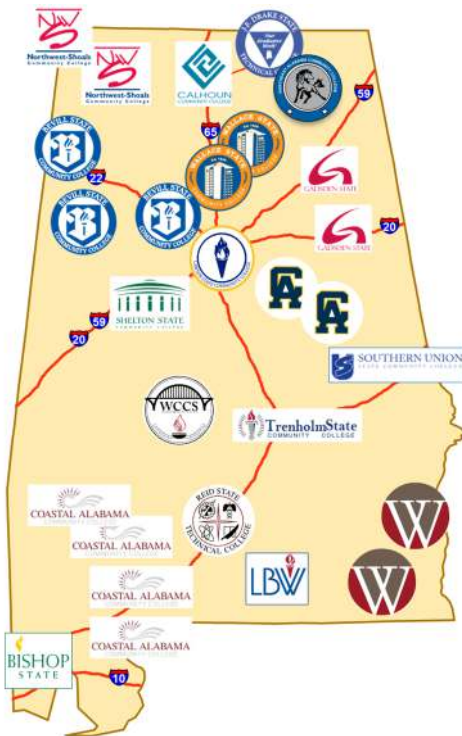
Top 5 U.S. Training Agency



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 27 campuses.
- Over 8,500 graduates from the past five years. (Summer 2015/Spring 2016 through Summer 2019/Spring 2020)
- Over 1,300 students enrolled in Fall 2020.

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 3,000 graduates from the past five years. (Summer 2015/Spring 2016 through Summer 2019/Spring 2020)
- Over 900 students enrolled in Fall 2020.

The Alabama higher education system consists of 28 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)
2022				
Novelis	Baldwin	Low-carbon Recycling and Rolling Plant	1,000	\$2,500.0 (New)
2021				
Doncasters Southern Tool	Calhoun	Tool & Die	0	\$3.5 (Expansion)
Myer Marine Services	Mobile	Steel Fabrication, Machining and Field Services	50	\$5.5 (Expansion)
Trachte Building Systems	Lamar	Steel Self-Storage Systems	70	\$11.5 (New)
2020				
GH Metal Solutions	Dekalb	Plate / Sheet Metal Fabrication	0	\$8.0 (Expansion)
Nucor Tubular Products	Lawrence	Steel Tubing Manufacture	0	\$6.5 (Expansion)
Shambaugh & Son	Lawrence	Fabricated Pipe and Pipe Fitting Manufacturing	45	\$8.0 (New)
Jones Welding Company, Inc.	Jackson	Precision Turned Product Manufacturing	10	\$2.5 (Expansion)
Taylor Manufacturing	Mobile	Machine shops	10	\$8.5 (Expansion)
Heiche	Walker	Metal Coatings Manufacturing	60	\$16.0 (New)
DSW Cutting Services	Jefferson	Industrial Knife Manufacturer	10	\$1.2 (Expansion)
2019				
Samuel, Son & Co	Jefferson	Iron and Steel Pipe and Tube Manufacturing	50	\$29.7 (Expansion)
Scottsboro Aluminum	Jackson	Aluminum Recycling	68	\$4.5 (Expansion)
Topre America	Cullman	Automotive Metal Stamping	50	\$85.5 (Expansion)
Motobilt	Dale	Metal Fabrication	60	\$3.5 (New)
Alabama Plating Company	Chambers	Zinc & Nickel Plating	40	\$3.8 (New)
Nucor Tubular Products	Lawrence	Steel Tubing/Piping	35	\$27.1 (Expansion)
M2H2 Holdings	Limestone	Blast Furnace & Steel Mills	50	\$20.8 (Expansion)
Nucor Steel	Morgan	Steel Mini Mill	0	\$102.3 (Expansion)
BAE Systems Land & Armaments	Calhoun	Steel Forgings	90	\$2.0 (Expansion)
Jones Valley Fabricators	Blount	Metals Fabrication	30	\$1.5 (Expansion)
Ecovery LLC	Baldwin	Nonferrous Metal Processor	30	\$8.4 (New)
Hanna Steel Corporation	Tuscaloosa	Steel Tube Mill	26	\$36.7 (Expansion)
Golden Dragon USA Inc	Wilcox	Copper Tube Manufacturing	30	\$3.5 (Expansion)
2018				
Arch Global Precision	Tuscaloosa	Industrial Markets	12	\$1.9 (Expansion)
AGCOR Steel	Cullman	Steel Buildings and Trusses	25	\$6.3 (Expansion)
Doncasters Southern Tool	Calhoun	Metal Products	50	\$48.0 (Expansion)
NAFCO	Cullman	Structural Steel and Related Products	-	\$4.0 (Expansion)
Pinson Valley Heat Treating	Jefferson	Metal heat treating	3	\$2.0 (Expansion)
Talladega Pattern and Aluminum Works, Inc.	Talladega	Aluminum Components	4	\$3.4 (Expansion)
M & J Precision	Morgan	Precision machining	30	\$3.1 (New)
Mid-Ohio Tubing, LLC	County	Galvanized steel tubing	24	\$4.2 (New)
2017				
GA Plating	Chambers	Metal and zinc plating	20	\$0.79 (Expansion)
GD Copper USA	Wilcox	Copper pipes and tubes for air conditioning, autos, other applications	40	N.A. (Expansion)
American Metals Group	Talladega	Cold drawn steel bars for automotive, construction and energy industries	80	\$5.3 (New)