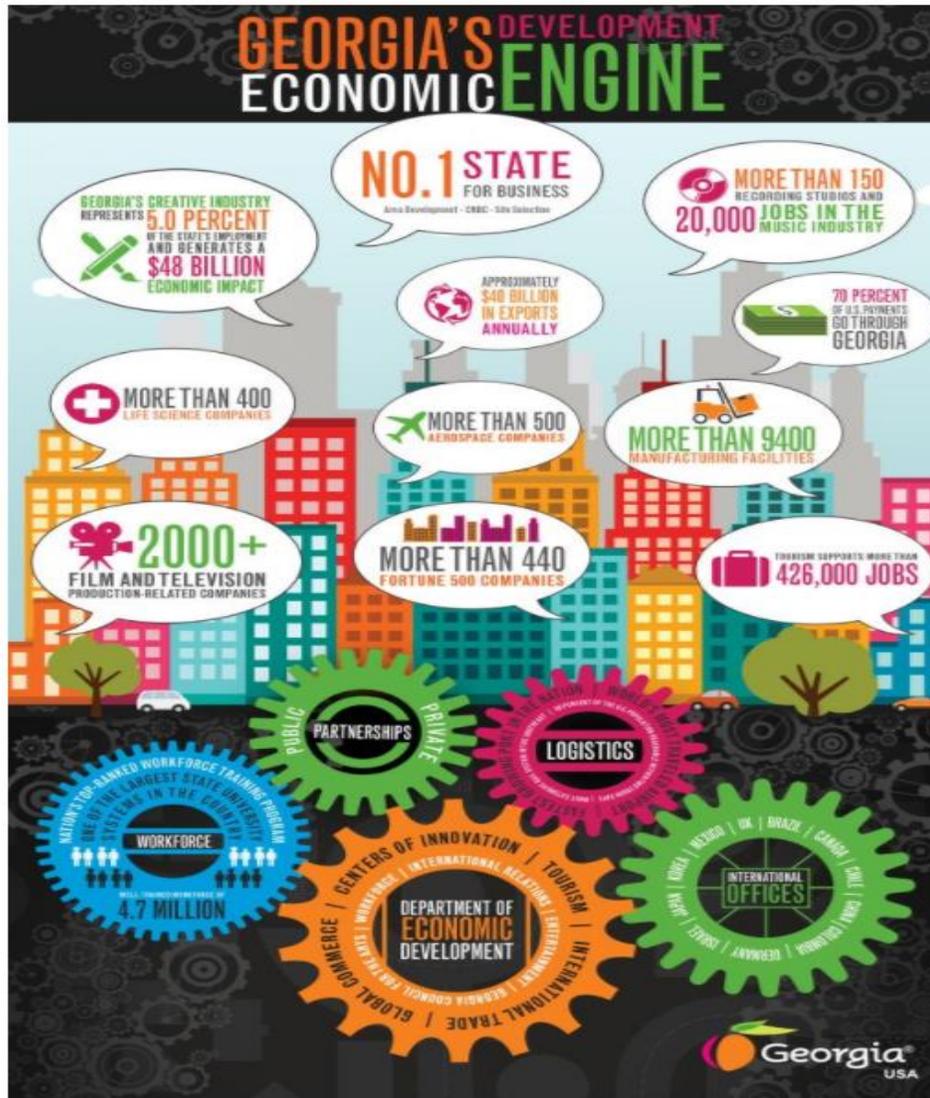


Education and Economic Development in Georgia:

BEST IN CLASS



The Georgia Department of Economic Development (GDEcD) is the state's sales and marketing arm, the lead agency for attracting new business investment, encouraging the expansion of existing industry and small businesses, **aligning workforce education and training with in-demand jobs**, locating new markets for Georgia products, attracting tourists to Georgia and promoting the state as a destination for arts and location for film, music and digital entertainment projects as well as planning and mobilizing state resources for economic development.

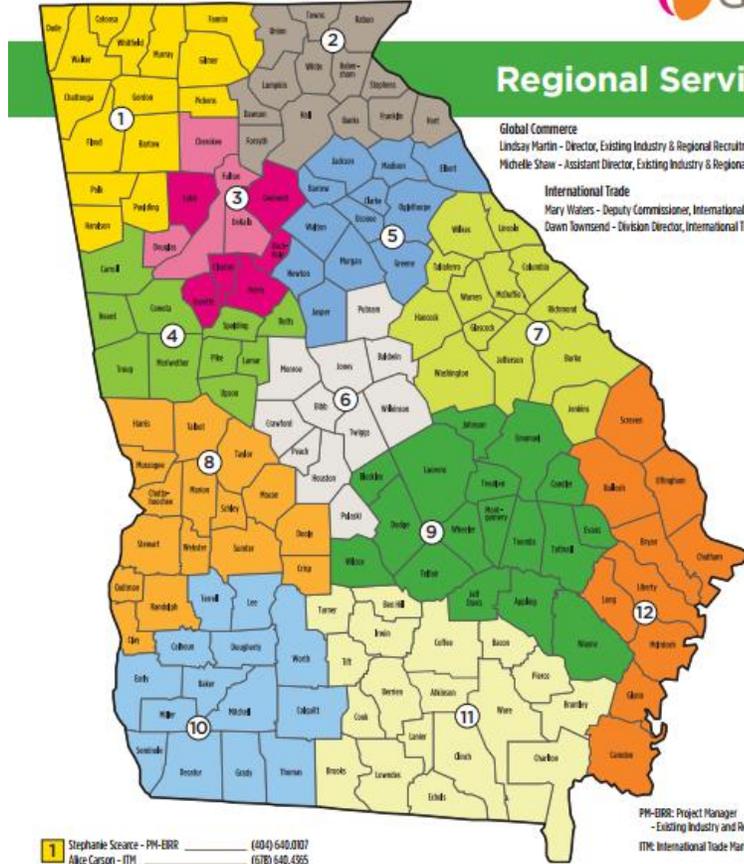
Divisions and Business Units

- Centers of Innovation
- Entertainment
- Georgia Council for the Arts
- Global Commerce
- International Relations
- International Representatives
- International Trade
- Tourism
- Marketing and Communications
- Workforce

Regional Services Map

Global Commerce
 Lindsay Martin - Director, Existing Industry & Regional Recruitment (404) 851.0944
 Michelle Shaw - Assistant Director, Existing Industry & Regional Recruitment (678) 640.4357

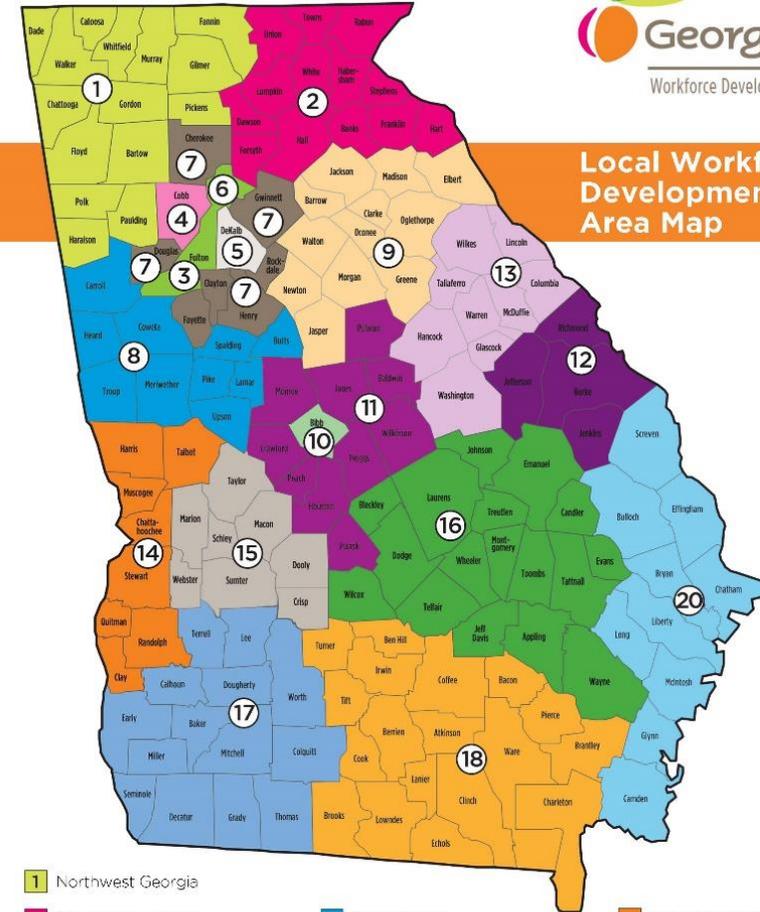
International Trade
 Mary Waters - Deputy Commissioner, International Trade (404) 962.4120
 Dawn Townsend - Division Director, International Trade (404) 962.4059



- | | | | | | | | | | | | |
|--|---|---|--|--|--|---|--|---|---|---|--|
| 1 Stephanie Searce - PM-ERR (404) 640.0107
Alice Carson - ITM (678) 640.4305 | 2 Tammy Causell - PM-ERR (404) 770.3581
Alice Carson - ITM (678) 640.4305 | 3 Meredith Zankus - PM-ERR (678) 502.6410
Taubie Ponce - ITM (404) 962.4118 | 4 Mary Ellen McLanahan - PM-ERR/Director ESR (404) 962.4820
Priya Verma - ITM (404) 962.4124 | 5 Tina Herring - PM-ERR (404) 804.5580
Taubie Ponce - ITM (404) 962.4118 | 6 Candice Scott - PM-ERR (404) 212.6995
Kerry Barnett - ITM (404) 962.4119 | 7 Adela Kelley - PM-ERR (678) 640.4353
Shehain Jafar - ITM (404) 962.4036 | 8 Anna Hurt - PM (404) 450.0588
Kerry Barnett (404) 962.4119 | 9 Ryan Waldrep - PM-ERR (404) 877.8406
Shehain Jafar - ITM (404) 962.4036 | 10 Rhonda Geiger - PM-ERR (678) 640.4361
Kerry Barnett - ITM (404) 962.4119 | 11 Michelle Shaw - PM-ERR (678) 640.4357
Shehain Jafar - ITM (404) 962.4036 | 12 Alyce Thornhill - PM-ERR (404) 416.8094
Alice Carson - ITM (678) 640.4365 |
|--|---|---|--|--|--|---|--|---|---|---|--|

PM-ERR: Project Manager - Existing Industry and Regional Recruitment
 ITM: International Trade Manager

Local Workforce Development Area Map



- | | | |
|----------------------------|---------------------------------------|-------------------------------|
| 1 Northwest Georgia | 8 Three Rivers | 14 Lower Chattahoochee |
| 2 Georgia Mountains | 9 Northeast Georgia | 15 Middle Flint |
| 3 City of Atlanta | 10 Macon-Bibb | 16 Heart of Georgia |
| 4 Cobb | 11 Middle Georgia | 17 Southwest Georgia |
| 5 DeKalb | 12 Central Savannah River Area | 18 Southern Georgia |
| 6 Fulton County | 13 East Central Georgia | 20 Coastal |
| 7 Atlanta Regional | | |

Georgia's Centers Of Innovation

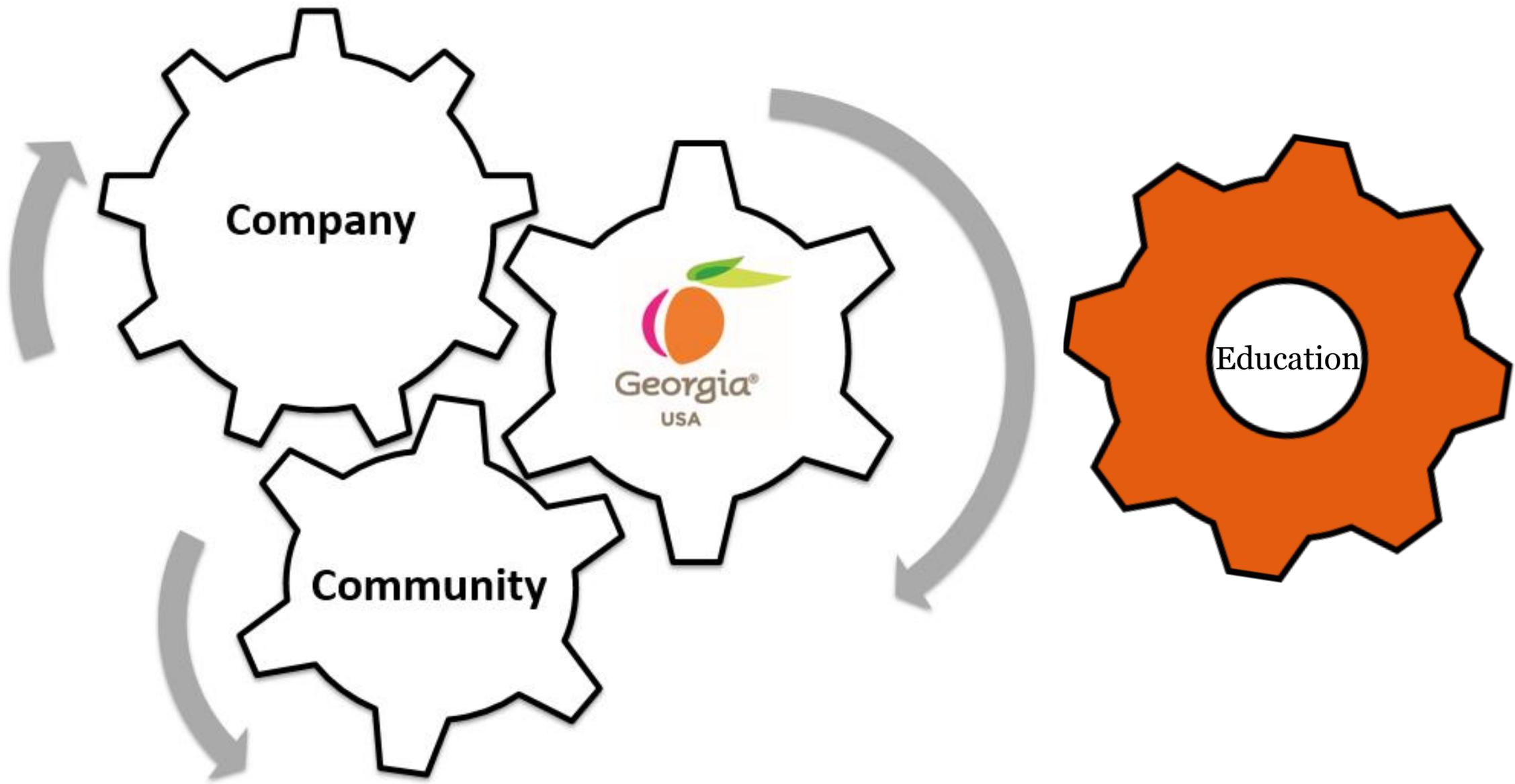
Connecting To The Innovation Ecosystem



The Centers of Innovation are **solution integrators** connecting companies to the vast resources of Georgia's Innovation Ecosystem through:

- Technical Industry Expertise
- Collaborative Research
- Partnerships





Leading Industries in Georgia



ADVANCED MANUFACTURING

2017 Career, Technical and Agricultural Education Industry Fact Sheet

An Arms Race

Advanced Manufacturing continues to top lists of emerging industries not just in Georgia, but throughout the United States. As many companies are beginning to relocate their production facilities back home from overseas, or are looking to expand current plants that are undersized or lack modern technology, our state has solidified itself as a destination for what is arguably one of the oldest and largest economic sectors in history. Where other states continue to lag behind the needs of manufacturing leaders, Georgia has helped to accelerate growth of Advanced Manufacturing through income tax incentives, helping to provide low cost utilities and energy, and providing business-specific worker training.

Aerospace and Automotive

Over 500 aerospace companies call Georgia home and together these global leaders in flight employ more than 86,000 men and women. Not only is aerospace manufacturing the number one producer of exports now, it has been so successful that it has spun off a burgeoning research and development-heavy space industry.

In the past decade, the number of automotive manufacturer corporate headquarters, production facilities and primary support suppliers has grown to 40 companies. Many of these outfits, and their counterparts around the southeastern U.S. are flourishing due to low business costs and expansive road and rail network.

Academics and Apprenticeships

The ever-changing landscape of manufacturing requires employees that are not only educated but trainable. Gone are the days of the hot, dirty, dangers plants and in are climate-controlled clean rooms with nearly as many robots as humans on the assembly line. Trade certifications and on-the-job training are viable entry points to the necessary skill in computer technology, maintenance applications, operation of processing equipment. Nearly half of manufacturing jobs can be obtained without a college degree.

Access to Earnings

Demand for high-skilled and readily-available manufacturing employees continues to outpace workforce development and has continued to raise the level of wages paid, with those with less than a college degree earning above national averages for median income.

- ✳ Including all non-farm manufacturing, Georgia has over 6,500 firms producing in this industry.
- ✳ Nearly nine percent (8.8%) of the eligible state workforce is employed in manufacturing.
- ✳ Georgia's largest trade market partners are: Canada, Mexico, China, Germany and Japan.
- There are 28 automotive manufacturing facilities within a five hundred mile radius of Atlanta.
- Georgia has the second largest cluster of engineering related occupations in the Southeast behind Florida.
- The state's production of aircraft engines and parts for export ranks second in the nation.
- Growth of the Space and Defense sectors prompted the state to fund the construction of a 50,000 square foot Advanced Manufacturing Training Center in Pooler, Georgia.

FILM, TELEVISION, AND DIGITAL ENTERTAINMENT

2017 Career, Technical and Agricultural Education Industry Fact Sheet

Entertaining in the Digital Age

The U.S. Media and Entertainment Market is the largest in the world and Georgia is now the third-ranked location in the United States for film and television production and fifth-rank across the globe. This is because Film and TV production professionals know that Georgia is a Camera Ready state, with highly desirable financial incentives, location diversity, production resources and professional support to make any size production a true success. In addition to traditional media productions, Georgia has also gained a sterling reputation amongst the leaders in online content development, gaming, graphic design and animation/effects.

Economic Impact that is off the Charts

It is estimated that the total amount of money directly spent by the companies producing the over two hundred films and television shows in our state during fiscal year 2016 was over \$2.02B; and despite having finished a handful fewer productions than the previous year, the total net economic impact to Georgia broke the \$7B mark. The remark growth of digital media and entertainment-related software has led to Georgia being dubbed the Silicon Valley of the South. As the businesses at the intersection of creative arts and information technology continue to multiply, so does their impact on the economies of the communities where they are home-grown.

Education and Enterprise

Some industry occupations will continue to require post-secondary education, and our University System is one of the best and largest in the nation. However, many opportunities require less than a bachelor's degree.

Employment Opportunities Abound

With the amount of success that is being shared across the more than 30,000 Georgians working in these high demand areas of creativity and skilled-labor; Film, Television, and Digital Entertainment are projected to see more than double digit job growth in the coming years. The types of available jobs span the gamut from actors to engineers, carpenters to composers, and writers to wardrobe stylists. Those workers with sought after credentials are earning an average annual wage of more than \$80,000.

- More than 800 production companies operate in Georgia.
- Over 1,000 production suppliers and support vendors ensure top-quality production.
- Six Georgia-filmed productions have won an Academy Award. Ten others have been nominated.
- 42 artists that call The Peach State home have won a GRAMMY in one of numerous categories. The Atlanta Symphony Orchestra leads them all with an amazing 27 wins since its found in 1945.
- Thousands of square feet in premier music recording studio space is available between the 300 industry leaders in Atlanta and beyond.
- Over 3,000 Georgians work at nearly 120 firms producing Gaming and Virtual Reality.
- The video game industry accounts for \$550M in the state economy.



Workforce Development

TECHNICAL COLLEGE

TCSG

SYSTEM OF GEORGIA



Statewide Initiatives

- Trade Five

Georgia.org/GSTI

- Georgia WorkSmart

Georgia.org/WorkSmart

- Operation Workforce

www.operationworkforce.com

- High Demand Career Initiative

Georgia.org/HDCI

TRADEFIVE
SKILLS FOR HIGHER EARNING

GEORGIA
WORKSMART 
A STATEWIDE APPRENTICESHIP PARTNER

OPERATION: WORKFORCE
***** SUPPORTING GEORGIA'S VETERANS

 **Georgia**[®]
High Demand Career Initiative





Governor's High Demand Career Initiative (HDCI)

- Launched in 2014
- Public/Private Dialogue with 120+ employers
- HDCI Industry Task Forces:
 - Logistics
 - Aerospace
 - Film
 - IT
 - Construction
- **Georgia.org/HDCI**



Georgia WorkSmart

- Georgia's work-based learning initiative
- Partnership with TCSG, USDOL, Employers
- Increased Interest in Registered Apprenticeships
- Approx. 150 Active Registered Apprenticeship Programs
- Approx. 6K Active Apprentices
- **Georgia.org/WorkSmart**



IMS:GEAR

UNISYS | Securing Your Tomorrow™





Trade Five, Skills for Higher Earning

- Georgia's skilled trade awareness initiative
- Partnership with TCSG, DOE, Georgia Employers, Industry Leaders, Trade Five Foundation
- Five Industries of Focus: Logistics, Telecommunication, Construction, Energy and Manufacturing
- Trade Five Grant and Scholarship Program
- **GeorgiaTradeFive.com**



Operation Workforce

- Veteran Education Training and Transition (VET2) 101
- Partnership with GDEcD and Georgia Tech
- Up to 7K service members
- Soft Skills
- Employment training services
- **OperationWorkforce.com**

gacareerpipeline.gadoe.org/clustersA

Georgia's Career Pipeline

"Connecting employers to Georgia's future workforce"

EXPLORE FUTURE WORKFORCE CAREER CLUSTERS FAQ

Architecture and Construction Career Cluster

Pathways

Certifications

Carpentry Pathway

Courses

- Industry Fundamentals and Occupational Safety
- Introduction to Construction
- Carpentry I

Electrical Pathway

Courses

- Industry Fundamentals and Occupational Safety
- Introduction to Construction
- Electrical I

Fine Furniture - Cabinetmaking Pathway

Arts, AV Technology & Communications Career Cluster

Business Management & Administration Career Cluster

Home Register/Sign In Labor Market Analysis

Georgia LaborMarket Explorer

Choose one of the options below to see more information about Electricians in Georgia.

For help click the question mark icon.

[Occupation Summary](#) [Occupation Narrative](#) [Occupation Details](#) [Occupation Comparison](#)

Occupation Description

Job Duties - Select this option to view a summary of the typical job duties for this occupation.

Job Description - Select this option to view a detailed job description for this occupation.

Significant Points - Select this option to view the key characteristics of this occupation.

Job, Employers and Candidates

Supply and Demand - Select this option to view the labor supply and market demand for this occupation.

Education, Training and Work Experience

Training Programs - Select this option to view education and training programs related to this occupation.

Education Data - Select this option to view education and training data related to this occupation.

Work Experience Data - Select this option to view the work experience data for this occupation.

Employment and Wage Data

Wages - Select this option to view wage rate data for this occupation.

Employment & Future Employment Outlook - Select this option to view the current employment and projected employment of this occupation.

Largest Industries - Select this option to view the top industries that employ individuals in this occupation.

Projected Annual Openings - Select this option to view the potential number of openings for this occupation.

Nature of the Work

Work Activities - Select this option to view the most important work activities for this occupation.

Working Conditions - Select this option to view the working conditions of this occupation.

Tools and Technologies - Select this option to view the tools and technologies generally utilized for this occupation.

Tasks - Select this option to view the specific tasks you would commonly perform in this occupation.

Work Values & Needs - Select this option to view the values and needs that are typically important to employees in this occupation.

Your Source for Informed Decisions

CONTACT INFORMATION

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To keep to date on engagement opportunities, support materials and event announcements, visit:
<http://workforce.gadoe.org>