Green Core Area Definitions

The Georgia Department of Labor's Workforce Statistics & Economic Research Division has identified five core areas of green business activities and green jobs. Green activities and jobs fall under one or more of the following five core areas:



- **Renewable Energy** – activities related to developing and using renewable energy sources such as solar, wind, geothermal, and biomass, as well as traditional, non-renewable sources of energy undergoing significant green technological changes (e.g., oil, coal, gas, and nuclear)

- **Energy Efficiency** – activities related to increasing energy efficiency (broadly defined), making energy demand response more effective, constructing "smart grids", and other energy efficient activities

- **Pollution Reduction & Removal, Greenhouse Gas Reduction, & Recycling & Reuse** – activities related to reducing or eliminating the creation or release of pollutants or hazardous waste from the environment, reducing greenhouse gas emissions through methods other than renewable energy generation and energy efficiency, such as electricity generated from nuclear sources, or reusing, remanufacturing, composting, or avoiding creation of waste materials or wastewater

- **Natural Resources Conservation** – activities related to reducing the environmental impact of agricultural production and improving natural resources conservation, including the use of chemical fertilizers and pesticides, soil and water conservation, sustainable forestry, land management, and wildlife preservation

- **Environmental Compliance, Education & Training, & Public Awareness** – activities related to enforcing environmental regulations, providing education & training related to green technologies & practices, & increasing public awareness of environmental issues

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Georgia Department of Labor Home Page
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Georgia's Green Jobs Portal
www.greenjobs4georgia.com

Georgia DOL Department of Labor

Equal Opportunity Employer/Program
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Georgia's GREEN JOBS 5

Service Delivery Region

Northeast Georgia



Includes the following counties in the vicinity of the city of Athens: Barrow, Clarke, Elbert, Greene, Jackson, Jasper, Madison, Morgan, Newton, Oconee, Oglethorpe, and Walton

Georgia Department of Labor
Workforce Statistics & Economic Research Division
Mark Butler, Commissioner

The Georgia Department of Labor recently conducted a Green Jobs Survey to assess current levels of "green" employment in the state. This pamphlet presents our findings for Service Delivery Region (SDR) #5 - Northeast Georgia.

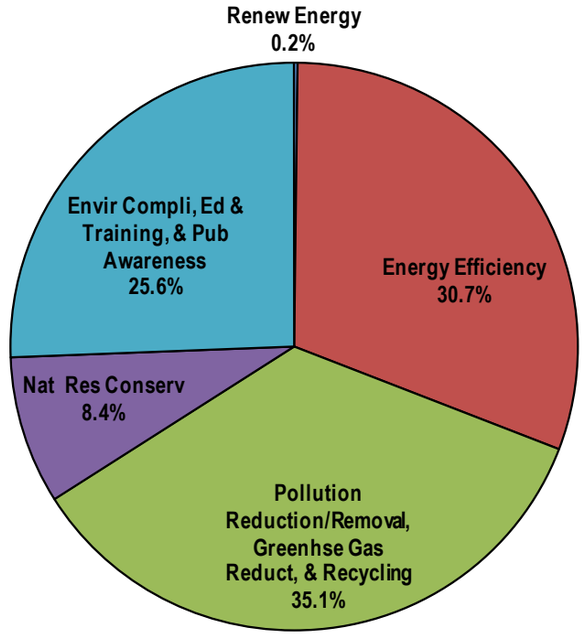
Broadly defined, a green job is one that produces goods or provides services that benefit the environment. The work can be found in at least one of the five core green economic clusters listed on the back of this pamphlet.

Nearly one percent of all jobs in this region are green, roughly the same percentage as in the state as a whole. Of the approximately 40,000 total green jobs in Georgia, 2,950, or over five percent, are located in this region. These jobs can be found in all five green economic clusters, in eight major industry sectors, and in 35 different occupations. They range from jobs that do not require any education beyond high school to positions that require advanced degrees and extensive job experience.

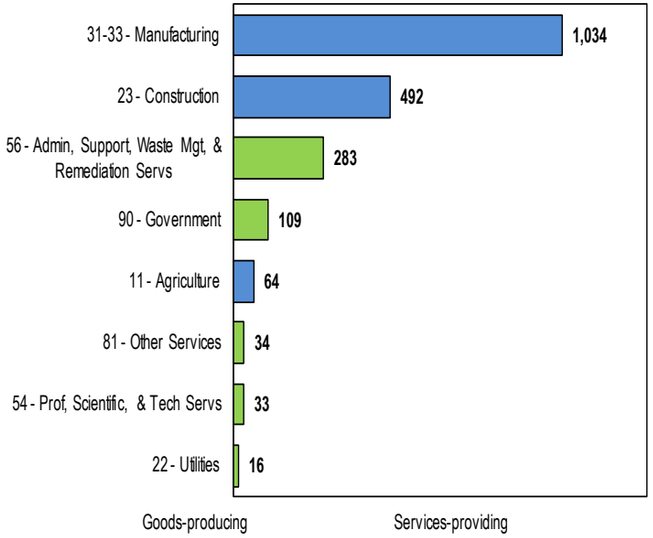
Survey Highlights

- Fourteen of the 34 occupations had an average wage higher than Georgia's mean wage ($19.87) for all occupational employment, while 10 occupations had an average wage ($22.64) higher than all green jobs combined.
- The Northeast Georgia SDR was one of two regions that saw its average wage ($16.79) for green jobs lower than the mean wage ($17.91) for all its occupations.
- Eighty-six percent of all green jobs fell into the increased energy efficiency or the pollution reduction & cleanup, greenhouse gas reduction, and recycling core areas.
- Seventy-seven percent of the employment belonged to goods-producing industry sectors, driven mainly by manufacturing, which made up 50 percent of all green jobs in the region.
- Green jobs requiring moderate term on-the-job training were the most prevalent, making up more than 61 percent of the employment in this region.
- Four of the top ten green jobs are production-related, which represents nearly 55 percent of employment in the top ten green jobs in this region.

Employment by Green Core Area



Green Jobs by Industry Sector



Top Ten Green Jobs

SOC Code	Occupation	Job Prep Level	Average Wage
25-1041	Agricultural Sciences Teachers, Postsec	2	$88,732
47-1011	Supvsrs of Construction Trades & Extraction Wkrs	8	$26.23
47-2061	Construction Laborers	10	$13.10
47-2152	Plumbers, Pipefitters, & Steamfitters	9	$19.36
47-4041	Hazardous Materials Removal Workers	10	N/A
49-9021	Heat, Air Cond, & Refrig Mechanics & Installers	7	$18.20
51-2022	Electrical & Electronic Equipment Assemblers	11	$15.55
51-4081	Multiple Machine Tool Setters, Operators, & Tenders, Metal & Plastic	10	$14.40
51-6062	Textile Cutting Machine Setters, Operators, & Tenders	10	$12.24
51-9197	Tire Builders	10	$17.01

Job Prep Levels

1 First Prof Degree
2 Doctoral Degree
3 Master's Degree
4 Bachelor's or Higher + Exp
5 Bachelor's Degree
6 Associate's Degree
7 Postsec Voc-tech Training
8 Work Exp in a Related Job
9 Long-term OJT of More Than 1 Year
10 Moderate-term OJT of 1 to 12 Months
11 Short-term OJT of Less Than a Month

Green Employment by Job Prep Level

