

# Labor Market Spotlight

## Celebrating the Garden State's Green Economy

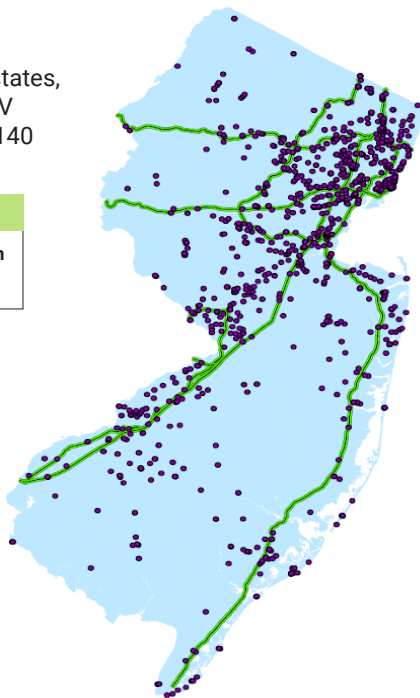
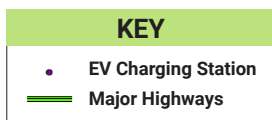
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In celebration of Earth Week, the New Jersey Department of Labor (NJDOLE) Office of Research and Information is proud to delve into the Garden State's environmental progress, highlighting key metrics and trends in sustainability efforts. From renewable energy adoption to waste management initiatives, this analysis aims to provide insight into New Jersey's journey towards a greener and more sustainable future.

### Electric Vehicle (EV) Charging Station Installations in New Jersey 2022

NJ ranks 17th among states, with more than 1,100 EV stations,<sup>1</sup> up from just 140 in 2014.

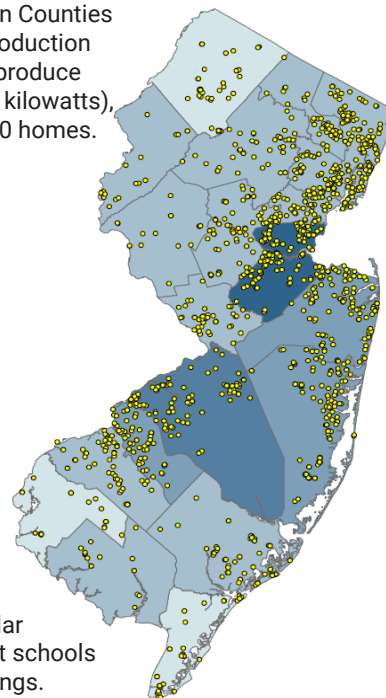
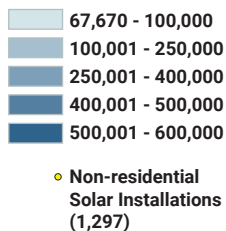


EV charging stations are located along main transportation routes and in densely populated areas throughout the state. The Inflation Reduction Act of 2022 is a ten year plan to expand cleaner technologies for a greener economy. Part of this funding will be used toward the creation of EV charging stations in strategic locations.

### Solar Energy is Produced in Every County

Middlesex and Burlington Counties have the largest solar production capacity. Together they produce one gigawatt (1,000,000 kilowatts), enough to power 750,000 homes.

#### Solar Capacity (kW)



Many non-residential solar installations are found at schools or other municipal buildings.

<sup>1</sup> According to the US Department of Energy, Alternative Fuels Data Center

Source: NJDEP, Bureau of Geographic Information Systems  
Prepared by: New Jersey Department of Labor and Workforce Development, Bureau of Labor Market Information, October 2023



Office of Research and Information

[NJ.GOV/LABOR/DATA](https://nj.gov/labor/data)

## TOP 5 GREEN OCCUPATIONS

Occupational Title	Estimated Employment	Salary Range
<b>Environmental Scientists and Specialists, including Health</b>	3,260	\$65,531 - \$104,077
<b>Environmental Engineers</b>	1,700	\$79,361 - \$127,258
<b>Solar Photovoltaic Installers</b>	1,090	\$46,461 - \$62,038
<b>Environmental Science and Protection Technicians, Including Health</b>	850	\$39,037 - \$61,457
<b>Biological Scientists</b>	680	\$64,317 - \$110,677

Three of the top five environmental occupations pay more than the state average occupational salary of \$70,900.

Other top green occupations in NJ include Environmental Engineering Technologists and Technicians, Environmental Science Teachers (Postsecondary), Conservation Scientists, Atmospheric, Earth, Marine, and Space Sciences Teachers (Postsecondary), Soil and Plant Scientists, Zoologists and Wildlife Biologists, Forest and Conservation Technicians, Foresters, Geoscientists, Except Hydrologists and Geographers, Geological Technicians (except Hydrologic Technicians) and Forest and Conservation Workers.

**452,000+**  
*acres of land*

The amount of land comprising parks, forests, historic sites and other recreation areas administered by the NJ State Park Service to manage and promote thriving natural and historic resources.

**3,742MW**  
*of offshore wind capacity*

The New Jersey Board of Public Utilities (NJBPUB) awarded a combined 3,742 MW of offshore wind capacity to Invenegy and energyRE's Leading Light Wind Project and Attentive Energy LLC's Attentive Energy Two Project, advancing the State's progress toward a 100 percent clean energy economy by 2035.

**73%**  
**16%**  
**9%**

of NJ households rely on natural gas as their primary heating fuel

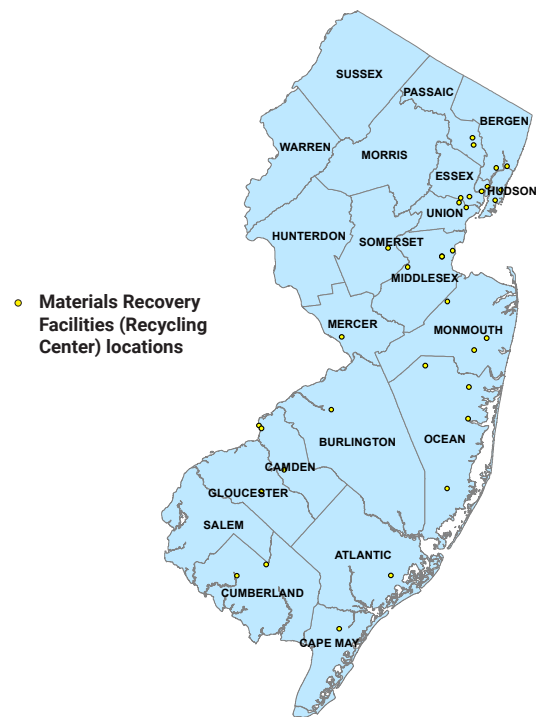
of NJ households use electricity for space heating

of NJ households use petroleum products. The rest use other fuels, including wood and solar energy.

**1,900**  
*biology professors*

The number of biology professors employed by NJ colleges and universities to help educate tomorrow's workforce.

## Recycling Center Locations in NJ



New Jersey has 36 materials recovery facilities that employ 1,100 workers. Employment has increased each year since 2017 (2017 employment was 761). In 2022, these employers paid a total of \$81 million in wages.

**Technical Note:** Data in this report is from the NJDOL Occupational and Employment Wage Statistics (OEWS) survey May 2022 panel, NJDOL Quarterly Census of Employment and Wages (QCEW) 2022 annual averages, the NJDEP, Bureau of Geographic Information Systems and US Department of Energy, Alternative Fuels Data Center.

The New Jersey Department of Labor and Workforce Development's (NJDOL) Office of Research and Information is the singular solution for labor market data needs, combining the power of data and marketing materials to deliver evidence-based research. Our team of local and industry specialists provide technical assistance and information that highlights key New Jersey economic status, such as employment, wages, occupation, workplace safety, and labor force.

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