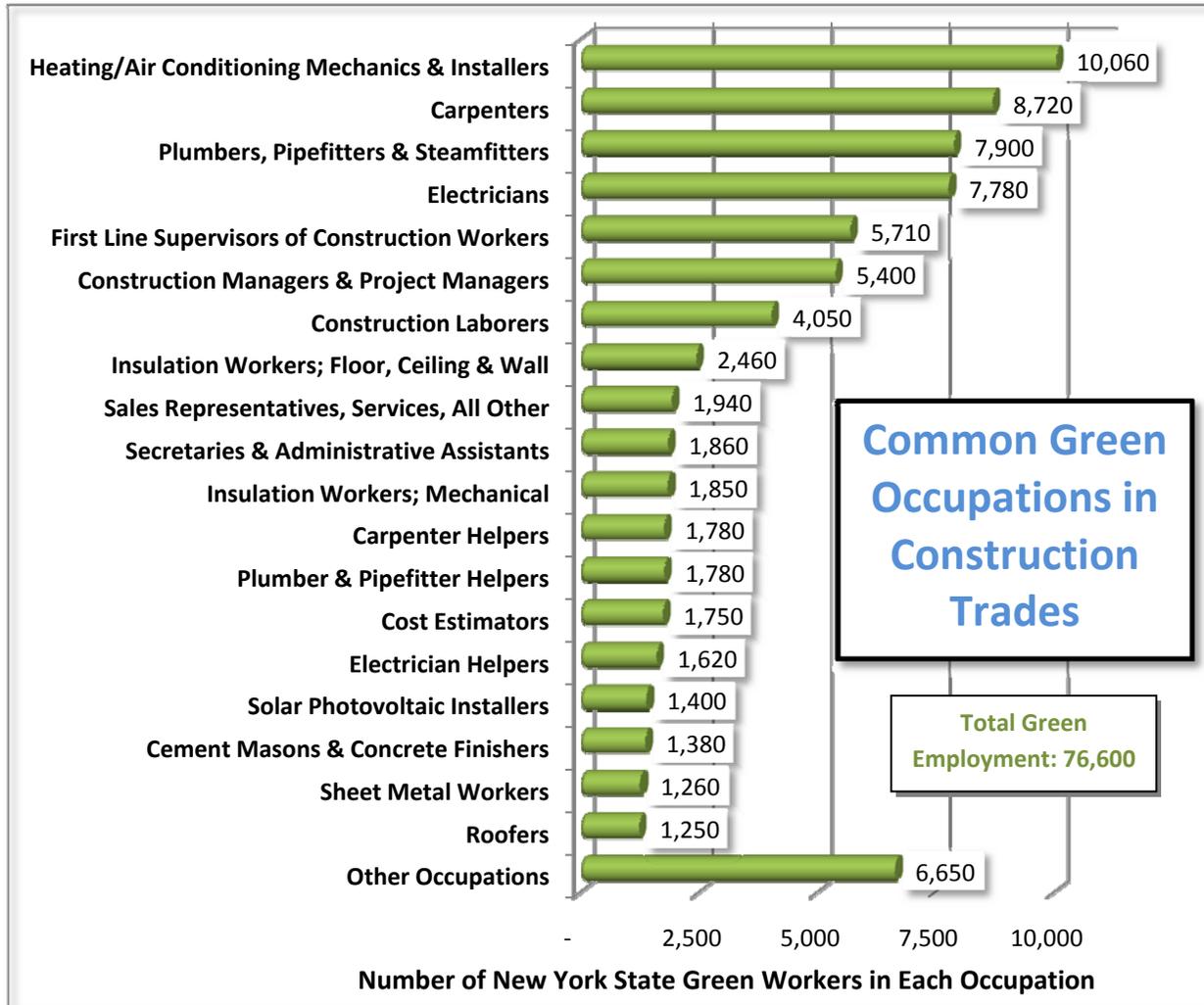


## New York State Green Jobs Survey Finding 5: Which Occupations are Green, or Greening?

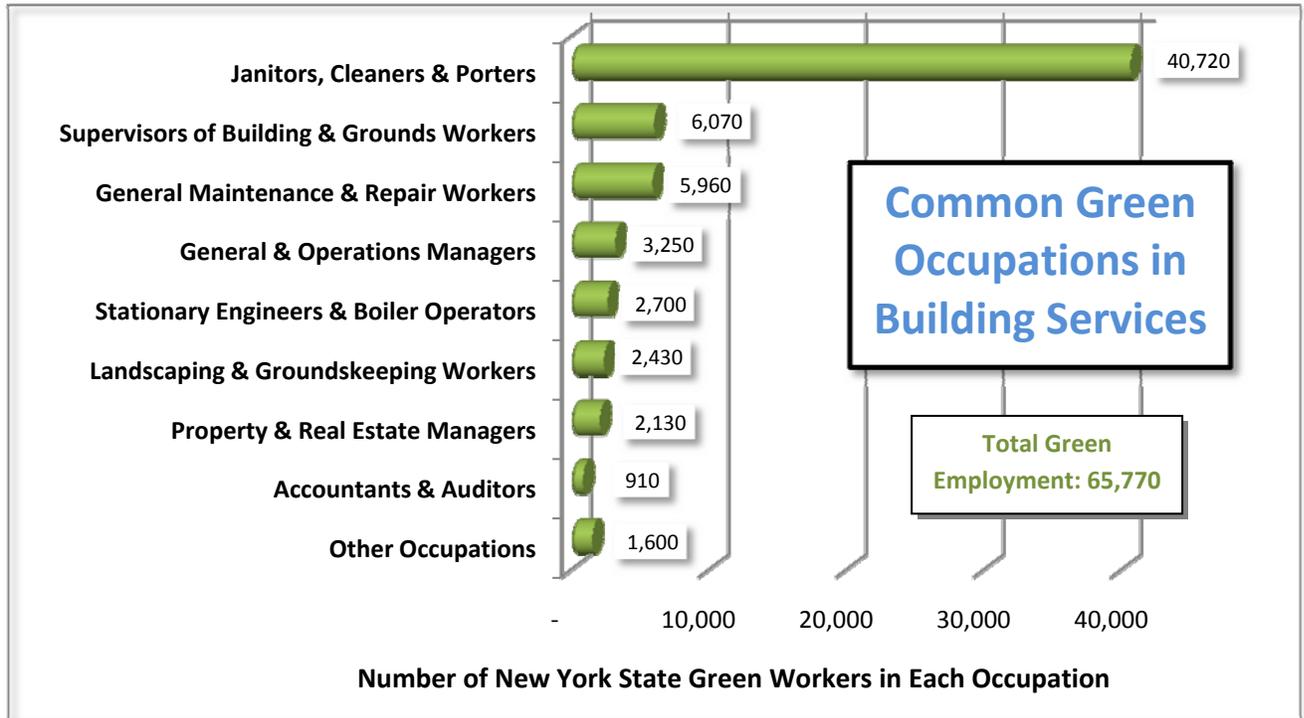


Many different occupations are involved in producing goods or delivering services that increase energy efficiency or generate renewable energy. Construction workers, for example, engage in new construction or retrofitting to improve the energy efficiency of residential and commercial buildings.

In Construction Trades, the five most common green occupations are Heating and Air Conditioning Mechanics and Installers, Carpenters, Plumbers, Electricians, and Supervisors of Construction Workers. These five occupations constitute over 50% of this industry cluster's green employment.

Green Heating and Air Conditioning Mechanics and Installers install energy-efficient heating and air conditioning systems in residences and commercial establishments. Green Electricians install and maintain energy-efficient electrical equipment.

## New York State Green Jobs Survey Finding 5: Which Occupations are Green, or Greening?



The most common green occupations in Building Services (Janitors, Maintenance and Repair Workers, First Line Supervisors, General Managers, etc.) are involved not only in energy-efficiency activities, but also in recycling and green cleaning. Recycling and green cleaning contribute to environmental sustainability (see below).

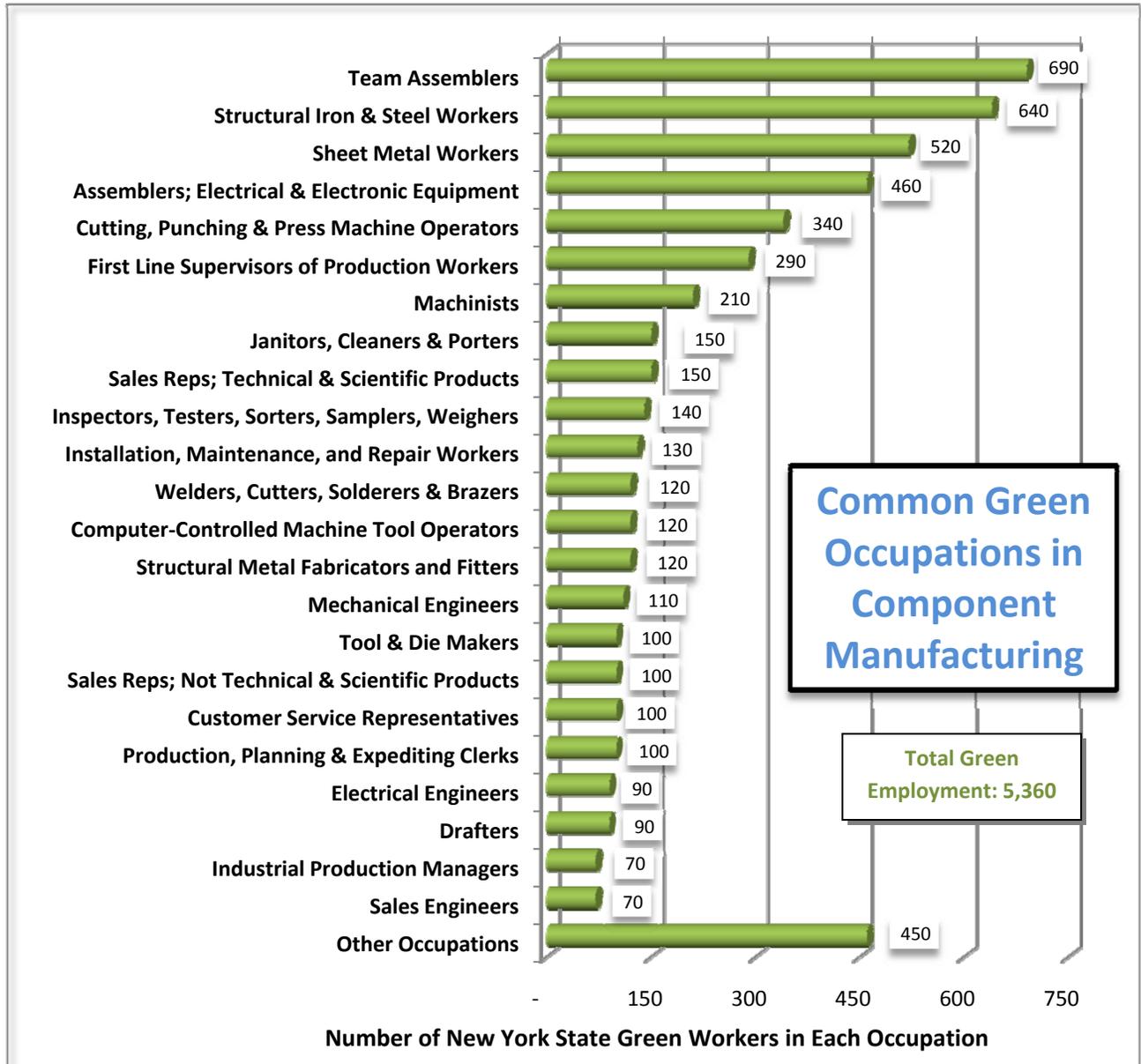
More than 60% of the cluster’s green employment is in one occupation: Janitors, Cleaners and Porters. Green Janitors are primarily involved in recycling and green cleaning.

Green General Maintenance and Repair Workers keep the energy-efficient mechanical equipment and the structure of an establishment in repair. They also perform routine preventive maintenance to ensure that machines and equipment continue to run smoothly.

### How is Green Defined Differently in Building Services?

**In Building Services, green is defined as helping buildings and facilities achieve greater energy efficiency, use new energy technologies, or achieve other environmental sustainability goals. For this cluster, people engaged in recycling and green cleaning were counted as green workers in the Green Jobs Survey.**

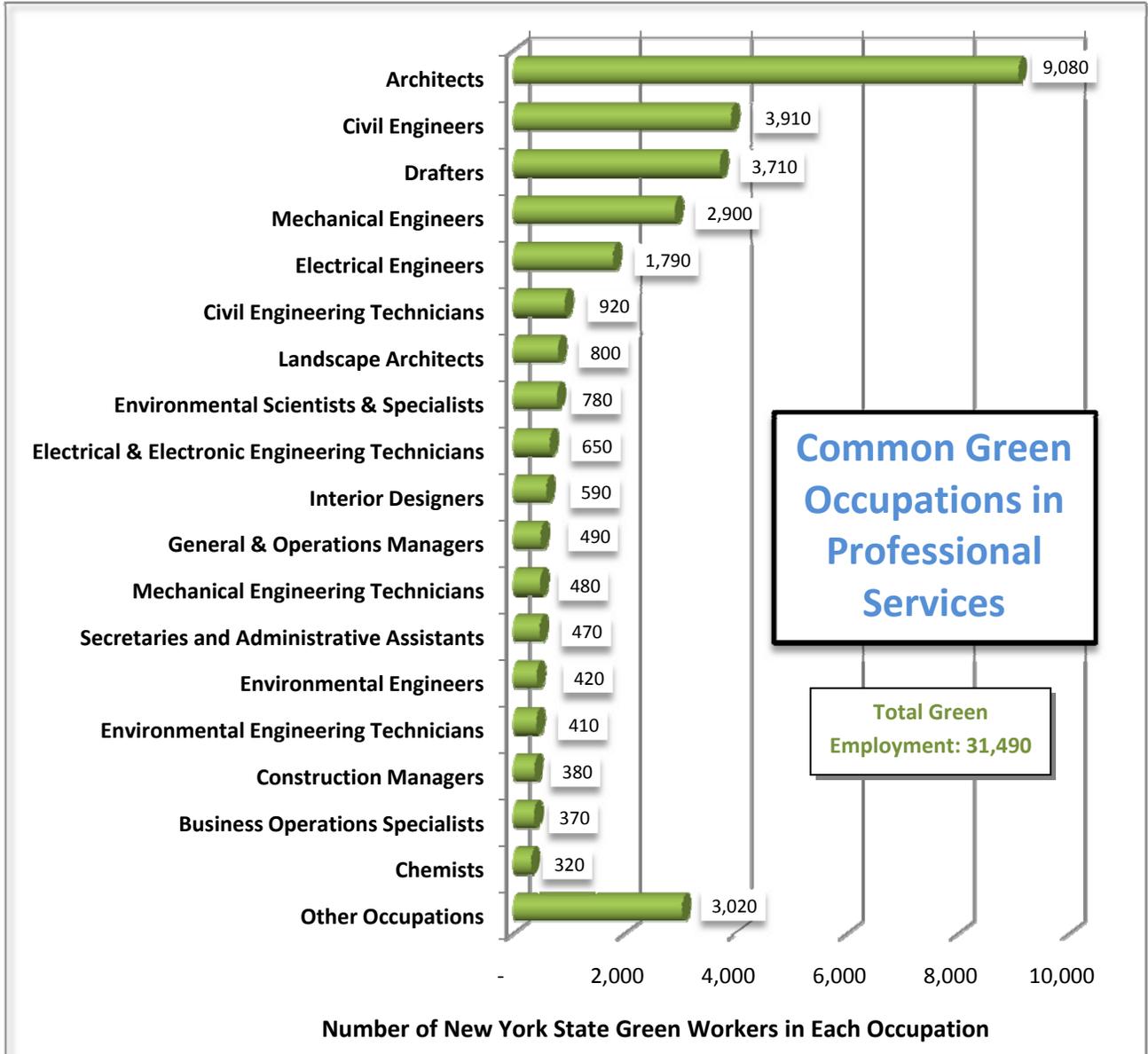
## New York State Green Jobs Survey Finding 5: Which Occupations are Green, or Greening?



The five most common green occupations in the Component Manufacturing Cluster are Team Assemblers; Structural Iron and Steel Workers; Sheet Metal Workers; Electrical and Electronic Equipment Assemblers; and Cutting, Punching and Press Machine Operators (Metal and Plastic). These five occupations account for approximately half of the cluster’s green employment.

Green Team Assemblers perform all the normal tasks of the assembly process, but fabricate energy efficient or renewable energy equipment. Most of the green occupations in Component Manufacturing are green because of the products they produce, though some are counted because they use energy efficient or other green methods of production.

**New York State Green Jobs Survey Finding 5:  
Which Occupations are Green, or Greening?**



Green employment in the Professional Services cluster is concentrated in a few occupations. The five most common green occupations -- Architects, Civil Engineers, Drafters, Mechanical Engineers and Electrical Engineers -- account for over two-thirds of the cluster's green employment. All of these occupations are involved in delivering energy efficiency products and services.

Architects design energy-efficient private residences, office buildings, schools, factories, and other buildings. Civil Engineers plan, design, and oversee the construction and maintenance of buildings and other facilities, often improving their energy efficiency in the process.