

# OCCUPATIONAL OUTLOOK HANDBOOK


[Construction and Extraction >](#)

## Electricians

[EN ESPAÑOL](#)
[PRINTER-FRIENDLY](#) 
[Summary](#)
[What They Do](#)
[Work Environment](#)
[How to Become One](#)
[Pay](#)
[Job Outlook](#)
[State & Area Data](#)
[Similar Occupations](#)
[More Info](#)

### Summary

#### Quick Facts: Electricians

<b>2015 Median Pay</b>	\$51,880 per year \$24.94 per hour
<b>Typical Entry-Level Education</b>	High school diploma or equivalent
<b>Work Experience in a Related Occupation</b>	None
<b>On-the-job Training</b>	Apprenticeship
<b>Number of Jobs, 2014</b>	628,800
<b>Job Outlook, 2014-24</b>	14% (Much faster than average)
<b>Employment Change, 2014-24</b>	85,900



Electricians connect a variety of fixtures to internal and external electricity sources.

#### What Electricians Do

Electricians install, maintain, and repair electrical power, communications, lighting, and control systems in homes, businesses, and factories.

#### Work Environment

Electricians work indoors and outdoors in nearly every type of facility. Almost all electricians work full time, which may include evenings and weekends. Although the work is not as dangerous as other construction occupations, potential injuries include electrical shocks and burns, cuts, and falls.

#### How to Become an Electrician

Although most electricians learn through an apprenticeship, some start out by attending a technical school. Most states require electricians to be licensed.

#### Pay

The median annual wage for electricians was \$51,880 in May 2015.

#### Job Outlook

Employment of electricians is projected to grow 14 percent from 2014 to 2024, much faster than the average for all occupations. As homes and businesses require more wiring, electricians will be needed to install the necessary components. The job prospects for electricians should be very good, as many employers report difficulty finding qualified applicants.

#### State & Area Data

Explore resources for employment and wages by state and area for electricians.

#### Similar Occupations

Compare the job duties, education, job growth, and pay of electricians with similar occupations.

#### More Information, Including Links to O\*NET

Learn more about electricians by visiting additional resources, including O\*NET, a source on key characteristics of workers and occupations.

[What They Do ->](#)

#### SUGGESTED CITATION:

Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Outlook Handbook, 2016-17 Edition*, Electricians, on the Internet at <https://www.bls.gov/ooh/construction-and-extraction/electricians.htm> (visited January 19, 2017).