

Electricians 47-2111.00



Description: Install, maintain, and repair electrical wiring, equipment, and fixtures. Ensure that work is in accordance with relevant codes.

Other Resources:

[ONET Link](#)
[MyNextMove Link](#)

Sample of Reported Job Titles: Control Electrician, Industrial Electrician, Inside Wireman

Job Zone

Title: 3 - Medium Preparation Needed

Education: Require training in vocational schools, related on-the-job experience, or an associate's degree.

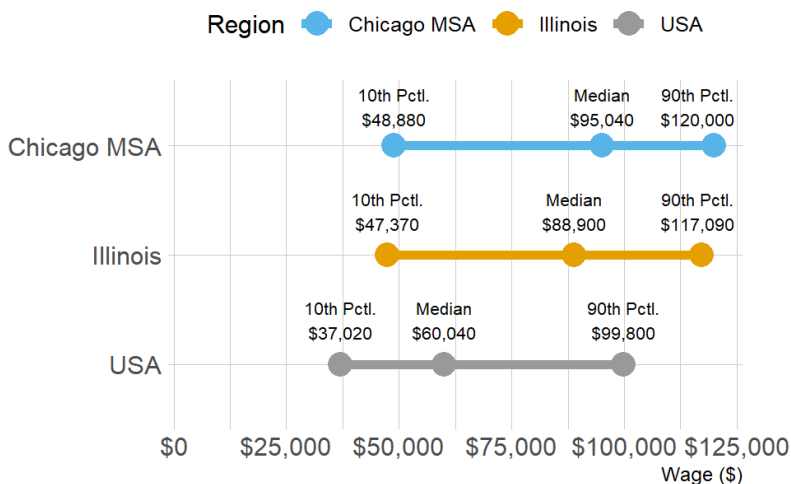
Experience: Previous work-related skill, knowledge, or experience is required.

Training: One or two years of training involving both on-the-job experience and informal training with experienced workers needed. A recognized apprenticeship program may be associated with these occupations.

Core Certifications: Certified Lighting Controls Professional, Electrical Certification

Hot Technologies: Adobe Systems Adobe Acrobat, Autodesk AutoCAD, Computer aided design CAD software, Database software, Microsoft Office Suite

Region	Employment	Location Quotient	Median Wage
Chicago MSA	15,610	0.80	\$95,040
Illinois	21,050	0.81	\$88,900
USA	650,580	—	\$60,040



Top 5 Core Tasks According to Current Job Holders

	Frequency	Importance (out of 100)
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Plan layout and installation of electrical wiring, equipment, or fixtures, based on job specifications and local codes.

Daily

91

Connect wires to circuit breakers, transformers, or other components.

Daily

90

Test electrical systems or continuity of circuits in electrical wiring, equipment, or fixtures, using testing devices, such as ohmmeters, voltmeters, or oscilloscopes, to ensure compatibility and safety of system.

Daily

89

Inspect electrical systems, equipment, or components to identify hazards, defects, or the need for adjustment or repair, and to ensure compliance with codes.

Daily

88

Use a variety of tools or equipment, such as power construction equipment, measuring devices, power tools, and testing equipment, such as oscilloscopes, ammeters, or test lamps.

Daily

88