

Telecommunications Equipment Installers and Repairers, Except Line Installers

49-2022.00



Description: Install, set up, rearrange, or remove switching, distribution, routing, and dialing equipment used in central offices or headends.

Other Resources:

[ONET Link](#)

[MyNextMove Link](#)

Sample of Reported Job Titles: Broadband Technician, Central Office Technician, Combination Technician

Job Zone

Title: 3 - Medium Preparation Needed

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

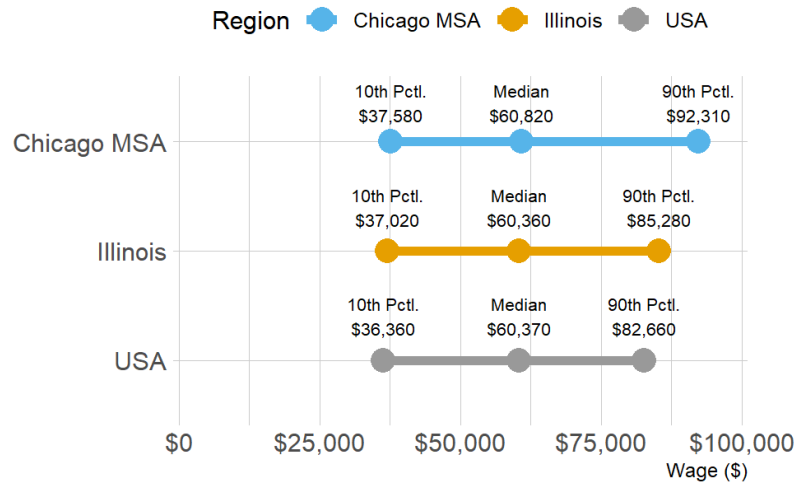
Experience: Previous work-related skill, knowledge, or experience is required.

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: General Communications Technician - Level 3, Inside Electrical Craft Certification, Cable Splicing Certification

Hot Technologies: Apache Struts, Microsoft Office Suite, Supervisory control and data acquisition SCADA software, Voice over internet protocol VoIP system software

Region	Employment	Location Quotient	Median Wage
Chicago MSA	6,700	1.29	\$60,820
Illinois	9,640	1.40	\$60,360
USA	172,830	—	\$60,370



Top 5 Core Tasks According to Current Job Holders

Importance
Frequency (out of 100)

Demonstrate equipment to customers and explain its use, responding to any inquiries or complaints.

Hourly or more

87

Test circuits and components of malfunctioning telecommunications equipment to isolate sources of malfunctions, using test meters, circuit diagrams, polarity probes, and other hand tools.

Daily

86

Test repaired, newly installed, or updated equipment to ensure that it functions properly and conforms to specifications, using test equipment and observation.

More than weekly

86

Climb poles and ladders, use truck-mounted booms, and enter areas such as manholes and cable vaults to install, maintain, or inspect equipment.

Several times daily

85

Assemble and install communication equipment such as data and telephone communication lines, wiring, switching equipment, wiring frames, power apparatus, computer systems, and networks.

Several times daily

84