Security and Fire Alarm Systems Installers
49-2098.00

Description: Install, program, maintain, and repair security and fire alarm wiring and equipment. Ensure that work is in accordance with relevant codes.

Other Resources:
ONET Link
MyNextMove Link

Sample of Reported Job Titles: Alarm Technician, Fire Alarm Technician, Home Security Alarm Installer

Job Zone

Title: 3 - Medium Preparation Needed

Education: Require training in vocational schools, related on-the-job experience, or an associate's degree.
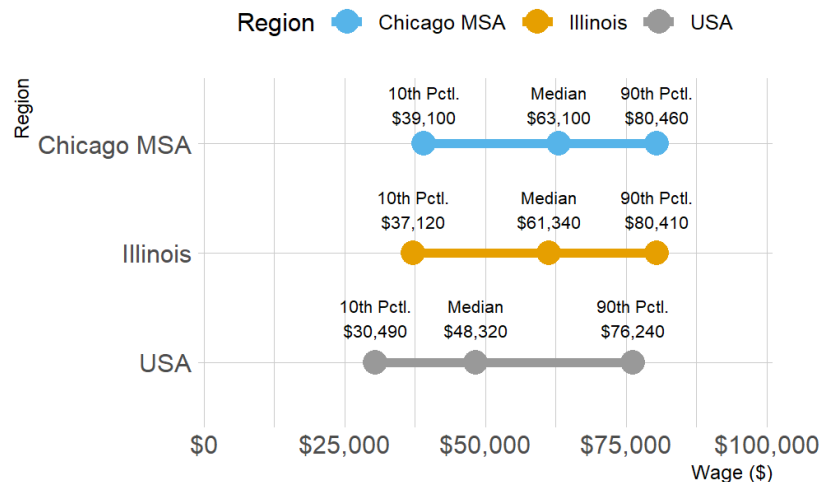
Experience: Previous work-related skill, knowledge, or experience is required.

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 Alarm Technician - Level I, UL Lightning Protection Journeyman Certification, Certified Fire Alarm ITM Specialist for Facility Managers

Hot Technologies: Autodesk AutoCAD, Microsoft Office Suite

Region	Employment	Location Quotient	Median Wage
Chicago MSA	1,050	0.45	$63,100
Illinois	1,430	0.46	$61,340
USA	77,420	–	$48,320

Region — Chicago MSA — Illinois — USA

Chicago MSA: 10th Pctl. $39,100 | Median $63,100 | 90th Pctl. $80,460

Illinois: 10th Pctl. $37,120 | Median $61,340 | 90th Pctl. $80,410

USA: 10th Pctl. $30,490 | Median $48,320 | 90th Pctl. $76,240

Wage ($): $0 — $25,000 — $50,000 — $75,000 — $100,000

Top 5 Core Tasks According to Current Job Holders	Frequency	Importance (out of 100)
Mount and fasten control panels, door and window contacts, sensors, or video cameras, and attach electrical and telephone wiring to connect components.	Daily	89
Install, maintain, or repair security systems, alarm devices, or related equipment, following blueprints of electrical layouts and building plans.	Daily	89
Demonstrate systems for customers and explain details, such as the causes and consequences of false alarms.	More than weekly	89
Test and repair circuits and sensors, following wiring and system specifications.	Daily	88
Examine systems to locate problems, such as loose connections or broken insulation.	Daily	87

Nathalie P. Voorhees Center for Neighborhood and Community Improvement