

## Security and Fire Alarm Systems Installers (49-2098)

**Occupation description:** Install, program, maintain, and repair security and fire alarm wiring and equipment. Ensure that work is in accordance with relevant codes. Excludes Electricians (47-2111) who do a broad range of electrical wiring.

### Employment and Job Openings

	Average employment			Average annual openings		
	2014 estimate	2024 projection	Percent change	Growth	Replacement	Total
Alaska	146	150	2.7	0	4	4
United States	64,000	72,300	12.9	820	1,580	2,410

#### Job outlook

**Alaska:** Alaska's employment growth is low with low employment opportunities. [Read more.](#)

### 2016 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	21.95	13.27	16.70	21.31	26.71	31.48
Alaska	30.69	12.21	20.43	33.23	39.71	46.78
Anchorage/Mat-Su Area	31.57	13.03	23.12	33.93	40.62	47.03

### Labor Force Indicators

#### 2015 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
153	58	37.9	35.9	25.2

#### 2015 Potential Supply

Qualified but working in another occupation	36
Currently employed in a lower paid occupation	13
UI claimants previously working in occupation	7

#### 2015 ALEXsys Employment Data

Number of registrants	47
Number of job position postings	11
Ratio of registrants to job position postings	4.3

### Typical Entry-level Education, Experience, and/or On-the-job Training

**Education:** High school diploma or equivalent

**Work experience:** None

**On-the-job training:** Moderate-term on-the-job training

## Training Resources

**Degree**

**ABC of Alaska (Anchorage)**

Electrical Hazards

Electrician

**Degree**

**Alaska Job Corps (Palmer)**

Pre-Apprentice Electrician

**Degree**

**Alaska Joint Electrical Apprenticeship and Training Trust (Anchorage)**

Inside Wireman

Certificate

Residential Wireman

Certificate

**Degree**

**Alaska Technical Center (Kotzebue)**

Construction Trades

Construction Trades/Plumbing Systems/Electrical Systems

NCCER Core Curriculum

**Degree**

**AVTEC (Seward)**

Industrial Electricity

Certificate

**Degree**

**Galena Interior Learning Academy (Galena)**

Construction Technology

**Degree**

**Iisagvik College (Barrow)**

Electrical I

Endorsement

**Degree**

**Partners for Progress in Delta, Inc (Delta Junction)**

Electrical Training

**Degree**

**Wisdom & Associates, Inc. (Kenai)**

Energy Efficient Retrofits of Existing Buildings (Module 9) - AHFC Sponsored	
Lighting Retrofit Fundamentals	
Lighting Retrofit Fundamentals - AHFC Sponsored	
Residential Lighting & Efficiency	

	<b>Degree</b>
<b>Yuut Elitnaurviat (Bethel)</b>	
Electrical	Certificate

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