

## Electrical Engineers (17-2071)

**Occupation description:** Research, design, develop, test, or supervise the manufacturing and installation of electrical equipment, components, or systems for commercial, industrial, military, or scientific use. Excludes Computer Hardware Engineers (17-2061).

### Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	286	290	1.4	7	12	19
United States	188,300	204,500	8.6	4,400	7,900	13,920

#### Job outlook

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

### 2018 Wages

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	48.85	29.42	36.26	46.46	59.21	73.67
Alaska	57.27	34.36	42.04	53.41	67.37	81.20
Anchorage/Mat-Su Area	57.93	34.59	41.89	53.46	67.49	85.34
Balance of State	54.70	33.21	43.90	56.02	68.92	75.69

### Labor Force Indicators

#### 2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
256	45	17.6	46.9	41.1

#### 2016 Potential Supply

Qualified but working in another occupation	59
Currently employed in a lower paid occupation	37
UI claimants previously working in occupation	35

#### 2016 ALEXsys Employment Data

Number of registrants	68
Number of job position postings	19
Ratio of registrants to job position postings	3.6

## Alaska Licensing Information

Engineer – [View licensing requirements and number licensed](#)

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

**Education:** Bachelor's degree

**Work experience:** None

**On-the-job training:** None

## Training Resources

	Degree
<b>University of Alaska Anchorage (Anchorage)</b>	
<a href="#">Electrical Engineering</a>	BS
<b>University of Alaska Fairbanks (Fairbanks)</b>	
<a href="#">Electrical Engineering</a>	BS
<a href="#">Electrical Engineering</a>	MEE
<b>Vocational Training and Resource Center (Juneau)</b>	
<a href="#">Drafting with AutoCAD</a>	