

Electronics Engineers, Except Computer (17-2072)

Occupation description: Research, design, develop, or test electronic components and systems for commercial, industrial, military, or scientific use employing knowledge of electronic theory and materials properties. Design electronic circuits and components for use in fields such as telecommunications, aerospace guidance and propulsion control, acoustics, or instruments and controls. 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	50	49	-2.0	1	2	3
United States	136,300	141,300	3.7	3,100	5,600	9,210

Job outlook

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

2019 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	52.99	32.03	39.62	50.76	63.97	78.95
Alaska	45.55	33.28	36.45	42.72	55.06	62.36
Anchorage/Mat-Su Area	50.98	38.96	43.35	51.62	59.30	64.37
Fairbanks North Star Borough	52.97	41.93	45.50	51.19	60.08	69.67
Balance of State	39.19	32.38	34.04	36.80	39.58	54.88

Labor Force Indicators

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
90	23	25.6	66.2	47.1

2016 Potential Supply

Qualified but working in another occupation	24
Currently employed in a lower paid occupation	17
UI claimants previously working in occupation	4

2016 ALEXsys Employment Data

Number of registrants	15
Number of job position postings	1
Ratio of registrants to job position postings	15.0

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

University of Alaska Anchorage (Anchorage)	
Electrical Engineering	BS

University of Alaska Fairbanks (Fairbanks)	
Electrical Engineering	BS
Electrical Engineering	MEE

Vocational Training and Resource Center (Juneau)	
Drafting with AutoCAD	

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