

Mechanical Engineers (17-2141)

Occupation description: Perform engineering duties in planning and designing tools, engines, machines, and other mechanically functioning equipment. Oversee installation, operation, maintenance, and repair of equipment such as centralized heat, gas, water, and steam systems.

Employment and Job Openings

	Average employment			Average annual openings		
	2014 estimate	2024 projection	Percent change	Growth	Replacement	Total
Alaska	324	329	1.5	1	10	11
United States	277,500	292,100	5.3	1,460	8,790	10,250

Job outlook

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

2015 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	42.40	25.79	31.99	40.19	50.53	61.74
Alaska	62.70	37.89	46.02	59.43	73.27	*
Anchorage/Mat-Su Area	64.18	37.85	47.30	61.76	74.09	*
Balance of State	57.83	39.52	44.02	51.53	65.48	*

* indicates the estimate is not available, or the hourly wage is greater than \$100, or the annual wage is greater than \$208,000.

Labor Force Indicators

2014 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
386	107	27.7	30.5	26.9

2014 Potential Supply

Qualified but working in another occupation	63
Currently employed in a lower paid occupation	24
UI claimants previously working in occupation	47

2014 ALEXsys Employment Data

Number of registrants	192
Number of job position postings	36
Ratio of registrants to job position postings	5.3

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
University of Alaska Anchorage (Anchorage)		
Mechanical Engineering		Mas
University of Alaska Fairbanks (Fairbanks)		
Mechanical Engineering		Bac
Mechanical Engineering		Mas
Vocational Training and Resource Center (Juneau)		
Drafting with AutoCAD		