

Industrial Engineers (17-2112)

Occupation description: Design, develop, test, and evaluate integrated systems for managing industrial production processes, including human work factors, quality control, inventory control, logistics and material flow, cost analysis, and production coordination. Excludes Health and Safety Engineers, Except Mining Safety Engineers and Inspectors (17-2111).

Employment and Job Openings

	Employment			Average annual openings		
	2016 estimate	2026 projection	Percent change	Labor force exits	Occupation transfers	Total
Alaska	n/a	n/a	n/a	n/a	n/a	n/a
United States	257,900	283,000	9.7	6,200	11,000	19,710

Job outlook

Alaska: The job outlook for Alaska is not available.

2019 Wages ?

	Mean Wage	Wage by Percentile				
	Mean	10th	25th	Median	75th	90th
United States	44.55	27.54	33.91	42.32	52.96	64.46
Alaska	*	*	33.91	*	52.96	*
Anchorage/Mat-Su Area	56.66	35.37	43.52	55.90	69.84	82.50

* 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

2016 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
33	11	33.3	80.0	56.0

2016 Potential Supply

Qualified but working in another occupation	9
Currently employed in a lower paid occupation	4
UI claimants previously working in occupation	2

2016 ALEXsys Employment Data

Number of registrants	15
Number of job position postings	0
Ratio of registrants to job position postings	0.0

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
Change & Time Management	
Degree	
Nu-Solutions Consulting (Anchorage)	
Advanced Primavera P6, Fundamentals Professional Client, Course 106-P	Certificate
Advanced Project Modeling and Estimating, Class E-201	Certificate
Essentials of HD Performance HD P101	
Essentials of Project Modeling and Estimating, Class E-101	Certificate
Managing Risk in Primavera Risk Analysis, Course 501	
Migrating from P3 to Primavera P6	
Oracle Primavera Contract Management, Course 201	Certificate
Primavera P6 Advanced	
Primavera P6 Analytics 11g	
Primavera P6 Fundamentals Rel15 (P6 Web), Course 101	Certificate
Primavera P6 Professional Fundamentals, Course 102	Certificate
Primavera P6 Reporting with BI Publisher 11g	
Primavera P6, Application Administration 15, Course 106-A	Certificate
Project Management in Oracle Primavera Contractor, Course 700	
Resource Management in Oracle Primavera P6, Course 106-R	Certificate
Resource Management in Oracle Primavera Web Access, Course 107	Certificate
Degree	
University of Alaska Anchorage (Anchorage)	
Project Management	MS

