

## Drafting & Design Technology Job Market Analysis

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### Occupation Description:

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Prepare detailed drawings of architectural and structural features of buildings or drawings and topographical relief maps used in civil engineering projects, such as highways, bridges, and public works. Utilize knowledge of building materials, engineering practices, and mathematics to complete drawings.

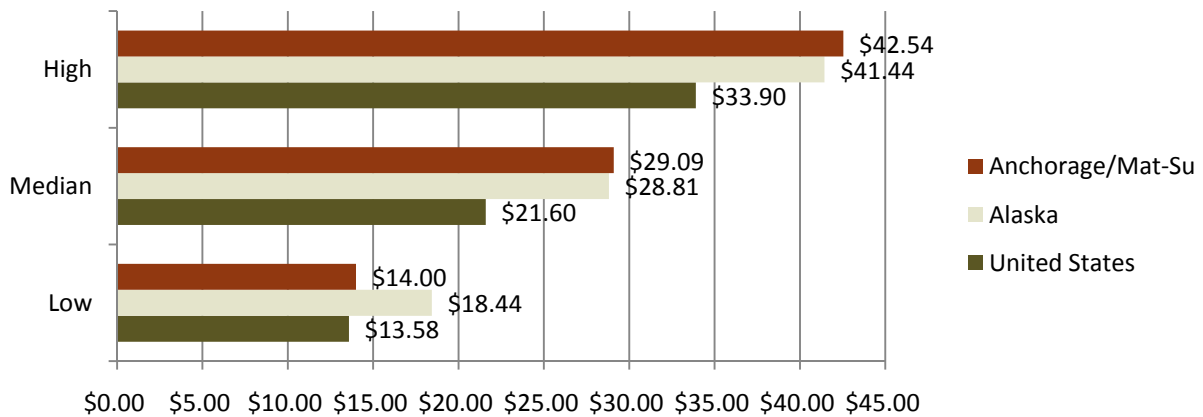
### Salary & Wages:

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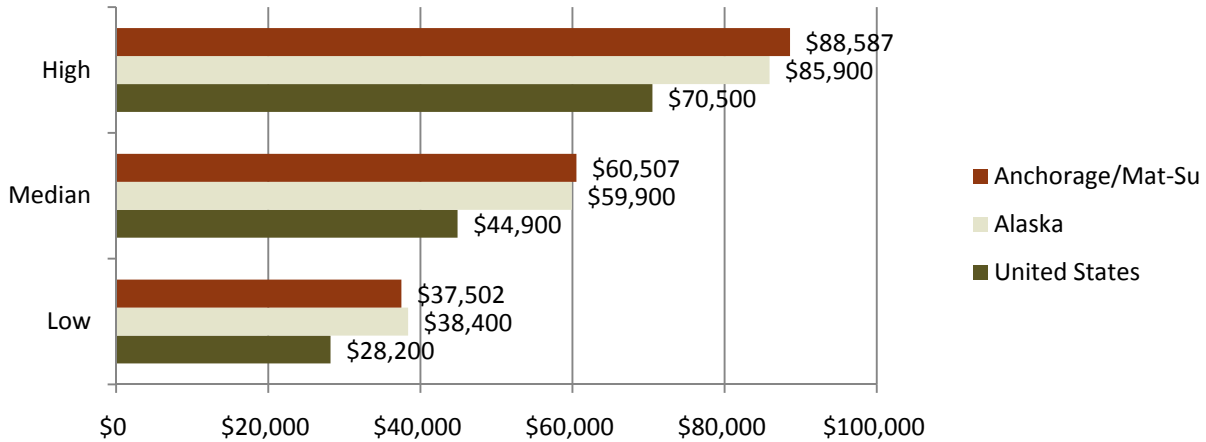
#### Hourly & Annual Wages

Location	Pay Period	Low	Median	High
United States	Hourly	\$13.58	\$21.06	\$33.90
	Annually	\$28,200	\$44,900	\$70,500
Alaska	Hourly	\$18.44	\$28.81	\$41.44
	Annually	\$38,400	\$59,900	\$85,900
Anchorage/ Mat-Su	Hourly	\$18.03	\$29.09	\$42.54
	Annually	\$37,502	\$60,507	\$88,587

#### Hourly Wage Chart



## Annual Wage Chart



High is the wage at which 90% of workers earn less and 10% earn more.  
 Median is the wage at which 50% of workers earn less and 50% earn more.  
 Low is the wage at which 10% of workers earn less and 90% earn more.

**National Data Source:** U.S. Bureau of Labor Statistics  
**State & Municipal Data Source:** Alaska Department of Labor & Workforce Development

## Industry Employment Trends:

United States	Employment		Percent Change	Job Openings*
	2008	2018		
	118,400	129,100	+9%	3, 620
Alaska	Employment		Percent Change	Job Openings*
	2006	2016		
	243	288	+1.7%	74

\*Job Openings refers to the average annual job openings due to growth and net replacement.

**National Data Source:** U.S. Bureau of Labor Statistics  
**State & Municipal Data Source:** Alaska Department of Labor & Workforce Development

## Education & Training:

**Most Common Educational/Training Level:** Postsecondary vocational award

**Related Instructional Programs:**

- Architectural Drafting and Architectural CAD/CADD
- Architectural Technology/Technician
- CAD/CADD Drafting and/or Design Technology/Technician
- Civil Drafting and Civil Engineering CAD/CADD

- Drafting and Design Technology/Technician, General

#### Distribution of Educational Attainment

Occupation	Percent of employees aged 25 to 44 in the occupation whose highest level of educational attainment is						
	Less than high school diploma	High school diploma or equivalent	Some college, no degree	Associate's degree	Bachelor's degree	Master's degree	Doctoral or professional degree
Architectural and civil drafters	1.5%	12.6%	29.9%	31.3%	20.9%	3.2%	0.6%
Drafters, Engineering, and Mapping Technicians	3.2%	20.8%	32.4%	25%	15.6%	2.4%	0.5%
Architecture and Engineering	1.4%	10.4%	17.7%	14.5%	38.1%	14.5%	3.4%
Total, All Occupations	10.7%	27.6%	20.6%	8.9%	19.4%	8.3%	4.5%

**Source:** Bureau of Labor Statistics, Office of Occupational Statistics and Employment Projections (Education/Training Level, Educational Attainment); National Center for Education Statistics (Typical Instructional Programs)

#### Related Occupations:

Occupations with similar skill requirements

- Architectural and Civil Drafters
- Architectural Drafters
- Civil Engineering Technicians
- Civil Engineers
- Commercial and Industrial Designers
- Electrical and Electronic Engineering Technicians
- Electrical and Electronics Drafters
- Electrical and Electronics Repairers, Commercial and Industrial Equipment
- Engineering Technicians
- Landscape Architects
- Marine Engineers and Naval Architects
- Materials Engineers
- Mechanical Drafters
- Mechanical Engineers
- Mining and Geological Engineers
- Surveying and Mapping Technicians