

## Biomedical Engineers (17-2031)

**Occupation description:** Apply knowledge of engineering, biology, and biomechanical principles to the design, development, and evaluation of biological and health systems and products, such as artificial organs, prostheses, instrumentation, medical information systems, and health management and care delivery systems.

### 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 | 21,300        | 22,800          | 7.2            | 500                     | 1,000                | 1,650 |

#### 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 | 46.68     | 26.58              | 34.13 | 43.95  | 56.74 | 71.26 |

### Labor Force Indicators

#### 2016 Worker Characteristics

| Total workers | Nonresident workers | Percent nonresident | Percent age 45 plus | Percent age 50 plus |
|---------------|---------------------|---------------------|---------------------|---------------------|
| 23            | 3                   | 13.0                | 61.9                | 52.4                |

#### 2016 Potential Supply

|   |   |
|---|---|
| Qualified but working in another occupation   | 2 |
| Currently employed in a lower paid occupation | 2 |
| UI claimants previously working in occupation | 0 |

#### 2016 ALEXsys Employment Data

|   |     |
|---|-----|
| Number of registrants                         | 16  |
| Number of job position postings               | 0   |
| Ratio of registrants to job position postings | 0.0 |

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

**Education:** Bachelor's degree

**Work experience:** None

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

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Department of Labor and Workforce Development, Research and Analysis Section  
P.O. Box 115501  
Juneau, Alaska 99811-5501  
Phone: 907.465.4500, Fax: 907.523.9654  
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