

Occupation Data Table

2017 Data, Updated January 2018

Sources: EMSI, Connecting Colorado, Bureau of Labor Statistics

< 2
2-4
> 4

< 5%
5%-9.9%
10%-19.9%
> 20%

In Demand
In Balance
Competitive Occupation
Saturated

| SOC | Occupation Title | 2017 Jobs | Avg. Emp. Change | Annual Openings | Available Applicants | Applicants per Opening | Saturation Rate | 10% Hourly Wage | Median Hourly Wage | Typical Entry Level Education | Typical on-the-job training | Years of Experience |
|---------|--|-----------|------------------|-----------------|----------------------|------------------------|-----------------|-----------------|--------------------|-------------------------------|-----------------------------|---------------------|
| 17-1011 | Architects, Except Landscape and Naval | 2,348 | 6.8% | 285 | 75 | 3.2 | 0.5% | \$21.37 | \$30.38 | Bachelor's | Internship/residency | None |
| 17-1012 | Landscape Architects | 220 | 2.3% | 23 | 7 | 3.7 | 1.8% | \$23.25 | \$37.62 | Bachelor's | Internship/residency | None |
| 17-1021 | Cartographers and Photogrammetrists | 661 | 6.2% | 72 | 21 | 3.5 | 0.3% | \$22.60 | \$33.36 | Bachelor's | None | None |
| 17-1022 | Surveyors | 736 | 2.0% | 71 | 24 | 4.0 | 0.5% | \$17.48 | \$28.99 | Bachelor's | None | < 5 |
| 17-2011 | Aerospace Engineers | 1,494 | 2.0% | 118 | 48 | 4.8 | 0.9% | \$33.67 | \$55.03 | Bachelor's | None | None |
| 17-2021 | Agricultural Engineers | 11 | 0.0% | N/A | 0 | - | 9.0% | \$24.76 | \$41.03 | Bachelor's | None | None |
| 17-2031 | Biomedical Engineers | 225 | 3.3% | 21 | 7 | 4.1 | 3.1% | \$31.26 | \$41.85 | Bachelor's | None | None |
| 17-2041 | Chemical Engineers | 313 | 1.7% | 25 | 10 | 4.8 | 3.2% | \$27.49 | \$44.96 | Bachelor's | None | None |
| 17-2051 | Civil Engineers | 5,959 | 2.0% | 544 | 190 | 4.2 | 0.6% | \$26.08 | \$38.64 | Bachelor's | None | None |
| 17-2061 | Computer Hardware Engineers | 1,418 | 3.7% | 132 | 45 | 4.1 | 1.1% | \$35.82 | \$55.44 | Bachelor's | None | None |
| 17-2071 | Electrical Engineers | 2,210 | 1.8% | 178 | 71 | 4.8 | 1.4% | \$29.87 | \$43.75 | Bachelor's | None | None |
| 17-2072 | Electronics Engineers, Except Computer | 3,697 | 1.7% | 308 | 118 | 4.6 | 0.4% | \$31.24 | \$43.82 | Bachelor's | None | None |
| 17-2081 | Environmental Engineers | 1,261 | 3.2% | 113 | 40 | 4.3 | 1.3% | \$27.69 | \$44.60 | Bachelor's | None | None |
| 17-2111 | Health and Safety Engineers, Except Mining Safety Engineers and Inspectors | 290 | 3.6% | 27 | 9 | 4.2 | 4.5% | \$34.25 | \$48.23 | Bachelor's | None | None |
| 17-2112 | Industrial Engineers | 1,676 | 1.9% | 138 | 54 | 4.7 | 2.1% | \$28.92 | \$45.15 | Bachelor's | None | None |
| 17-2121 | Marine Engineers and Naval Architects | 45 | 0.9% | 4 | 1 | 4.8 | 6.7% | \$28.32 | \$42.71 | Bachelor's | None | None |
| 17-2131 | Materials Engineers | 407 | 1.9% | 36 | 13 | 4.3 | 1.0% | \$32.37 | \$50.80 | Bachelor's | None | None |
| 17-2141 | Mechanical Engineers | 3,473 | 2.3% | 285 | 111 | 4.7 | 1.8% | \$28.50 | \$42.40 | Bachelor's | None | None |
| 17-2151 | Mining and Geological Engineers, Including Mining Safety Engineers | 447 | 0.0% | 43 | 14 | 4.0 | 0.9% | \$28.91 | \$49.38 | Bachelor's | None | None |
| 17-2161 | Nuclear Engineers | 135 | 1.6% | 12 | 4 | 4.2 | 1.5% | \$36.66 | \$52.28 | Bachelor's | None | None |
| 17-2171 | Petroleum Engineers | 1,119 | 1.2% | 111 | 36 | 3.9 | 1.7% | \$43.67 | \$73.17 | Bachelor's | None | None |
| 17-2199 | Engineers, All Other | 1,141 | 1.8% | 95 | 36 | 4.6 | 5.7% | \$32.69 | \$45.46 | Bachelor's | None | None |
| 17-3011 | Architectural and Civil Drafters | 1,698 | 3.1% | 191 | 54 | 3.4 | 1.2% | \$15.83 | \$25.81 | Associate's | None | None |
| 17-3012 | Electrical and Electronics Drafters | 416 | 2.9% | 44 | 13 | 3.6 | 0.5% | \$21.34 | \$31.70 | Associate's | None | None |
| 17-3013 | Mechanical Drafters | 522 | 1.2% | 52 | 17 | 3.9 | 2.3% | \$16.75 | \$25.29 | Associate's | None | None |
| 17-3019 | Drafters, All Other | 201 | 3.4% | 22 | 6 | 3.5 | 8.9% | \$17.01 | \$27.43 | Associate's | None | None |
| 17-3021 | Aerospace Engineering and Operations Technicians | 143 | 2.0% | 15 | 5 | 3.6 | 9.1% | \$23.74 | \$32.72 | Associate's | None | None |
| 17-3022 | Civil Engineering Technicians | 721 | 0.7% | 70 | 23 | 3.9 | 0.8% | \$13.87 | \$20.56 | Associate's | None | None |
| 17-3023 | Electrical and Electronics Engineering Technicians | 922 | 1.0% | 91 | 29 | 3.9 | 4.7% | \$23.12 | \$33.45 | Associate's | None | None |
| 17-3024 | Electro-Mechanical Technicians | 59 | (0.3%) | 6 | 2 | 3.6 | 11.8% | \$20.60 | \$28.45 | Associate's | None | None |
| 17-3025 | Environmental Engineering Technicians | 156 | 2.1% | 16 | 5 | 3.7 | 7.7% | \$18.08 | \$26.08 | Associate's | None | None |
| 17-3026 | Industrial Engineering Technicians | 230 | 1.1% | 23 | 7 | 3.8 | 3.9% | \$16.62 | \$30.63 | Associate's | None | None |
| 17-3027 | Mechanical Engineering Technicians | 253 | 1.1% | 25 | 8 | 3.9 | 4.4% | \$18.82 | \$30.21 | Associate's | None | None |

| | | | | | | | | | | | | |
|---------|---|-------|------|-----|----|-----|------|---------|---------|-----------------|---------------|------|
| 17-3029 | Engineering Technicians, Except Drafters. All Other | 979 | 1.8% | 99 | 31 | 3.8 | 2.1% | \$19.79 | \$34.21 | Associate's | None | None |
| 17-3031 | Surveying and Mapping Technicians | 2,056 | 3.1% | 272 | 66 | 2.9 | 0.5% | \$17.75 | \$24.70 | High School/GED | Moderate-term | None |