| 7-1012 Landscape architects 1 7-1021 Cartographers and photogrammetrists 7-1022 Surveyors 1 7-2011 Aerospace engineers 7-2031 Biomedical engineers 7-2041 Chemical engineers 7-2041 Chemical engineers 7-2051 Civil engineers 1,7-2051 Computer hardware engineers 1 7-2071 Electrical engineers 6 7-2072 Electronics engineers, except computer 5 7-2081 Environmental engineers 1 7-2111 Health and safety engineers, except mining safety engineers ar 1 7-2112 Industrial engineers 1 7-2121 Marine engineers and naval architects 1 7-2131 Materials engineers 7 7-2141 Mechanical engineers 5 7-2141 Mechanical engineers 5 7-2151 Nuclear engineers 5 7-2161 Nuclear engineers 5 7-2179 Engineers, all other 5 7-3011 Architectural and civil drafters 7 7-3012 Electrical and electronics drafters 1 7-3013 Mechanical drafters 1 7-3019 Drafters, all other 7 7-3022 Civil engineering technicians 1 | 95 John 1 | 2015 Jobs 688 116 47 213 11 45 34 1,798 105 657 532 200 170 72 85 23 548 87 | New Jobs 31 (8) 0 16 0 5 3 78 5 44 10 13 10 11 (19) 2 29 (1) | New & Rep. Jobs 105 6 9 52 1 100 8 350 23 129 83 46 33 20 (3) 5 97 | Annual Jobs to Fill by 2015 18 1 1 9 0 2 1 58 4 22 14 8 6 3 (0) 1 16 | 2009 Median Hourly Earnings \$30.37 \$19.32 \$22.77 \$19.21 \$30.00 \$36.91 \$37.54 \$34.25 \$32.66 \$37.15 \$38.41 \$39.78 \$33.18 \$35.18 \$32.70 \$39.70 \$36.05 | Education Level Bachelor's degree Bachelor's degree |
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| Code Description Job 7-1011 Architects, except landscape and naval 6 7-1012 Landscape architects 1 7-1021 Cartographers and photogrammetrists 7-1022 Surveyors 1 7-2011 Aerospace engineers 7-2011 Biomedical engineers 7-2031 Biomedical engineers 7-2041 Chemical engineers 7-2041 Civil engineers 1,7-2051 Civil engineers 1,7-2051 Computer hardware engineers 1,7-2071 Electrical engineers 6 7-2072 Electronics engineers, except computer 5 7-2081 Environmental engineers 1 7-2111 Health and safety engineers, except mining safety engineers ar 1 7-2112 Industrial engineers 1 7-2113 Materials engineers 1 7-2141 Mechanical engineers 5 7-2151 Muclear engineers 5 7-2161 Nuclear engineers 5 7-2172 Engineers, all other 5 7-3011 Architectural and civil drafters 7 7-3012 Electrical and electronics drafters 1 7-3013 Mechanical drafters 1 7-3019 Drafters, all other 7 7-3022 Civil engineering technicians 1 | 95 John 100 | Jobs 688 116 47 213 11 45 34 1,798 105 657 532 200 170 72 85 23 548 87 | Jobs 31 (8) 0 16 0 5 3 78 5 44 10 13 10 11 (19) 2 | Rep. Jobs 105 6 9 52 1 10 8 350 23 129 83 46 333 20 (3) 5 | Jobs to Fill by 2015 18 1 1 9 0 2 1 58 4 22 14 8 6 3 (0) 1 | ## Hourly Earnings ## \$30.37 ## \$19.32 ## \$22.77 ## \$19.21 ## \$30.00 ## \$36.91 ## \$37.54 ## \$34.25 ## \$32.66 ## \$37.15 ## \$38.41 ## \$39.78 ## \$33.18 ## \$35.18 ## \$32.70 ## \$39.70 ## \$39.70 ## \$39.70 ## \$30.37 | Education Level Bachelor's degree Bachelor's degree |
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| 7-3012 Electrical and electronics drafters 1 7-3013 Mechanical drafters 1 7-3019 Drafters, all other 7-3022 Civil engineering technicians 1 | 16 | 714 | (2) | 121 | 20 | \$21.90 | Postsecondary vocational award |
| 7-3013 Mechanical drafters 1 7-3019 Drafters, all other 7-3022 Civil engineering technicians 1 | 60 | 164 | 4 | 31 | 5 | \$19.07 | Postsecondary vocational award |
| 7-3019 Drafters, all other 7-3022 Civil engineering technicians 1 | | 162 | 11 | 37 | 6 | \$25.56 | Postsecondary vocational award |
| 7-3022 Civil engineering technicians 1 | 79 | 81 | 2 | 15 | 3 | \$22.26 | Postsecondary vocational award |
| | | 177 | 3 | 23 | 4 | \$20.82 | Associate's degree |
| | 16 | 424 | 8 | 57 | 9 | \$28.35 | Associate's degree |
| | 76 | 80 | 4 | 13 | 2 | \$22.23 | Associate's degree |
| | 52 | 58 | 6 | 12 | 2 | \$20.17 | Associate's degree |
| | 87 | 211 | 24 | 46 | 8 | \$22.94 | Associate's degree |
| 0 0 | 25 | 27 | 2 | 5 | 1 | \$21.93 | Associate's degree |
| <u> </u> | 43 | 449 | 6 | 58 | 10 | \$32.87 | Associate's degree |
| 0 0 | 43 89 | 197 | 8 | 29 | 5 | \$32.67 \$17.71 | Moderate-term on-the-job training |
| 7-3031 Surveying and mapping technicians 8,3 | | 8, 706 | 316 | 1,482 | 247 | φι/./Ι | inioderate-term on-the-job training |
| ource: EMSI Complete Employment - 2nd Quarter 2009 v. 2 | <i>,,</i> 0, | 5,700 | 310 | 1,402 | 241 | | · |
| ource. Livior Complete Employment - 2110 Quarter 2009 v. 2 | | | | | | | |
| TOTAL Engineering with Bachelor's degrees 4,9 | | | 217 | 222 | | | |
| 101AL Engineering with bachelor's degrees 4,9 | 37 5 | h 1h/ | | (7.3.) | 151 | | |
| ote: Jobs that had less than 10 holders in 2009 were deleted. | 37 5 | 5,157 | 217 | 922 | 154 | | |