

**Johnstown MSA
Occupational Employment
2012-2022 Long-Term Projections**

| SOC Code | Occupational Title | Estimated 2012 | Projected 2022 | Percent Change | Average Annual Openings | | |
|----------------|--|----------------|----------------|----------------|-----------------------------|-------------------------------|---------------------|
| | | | | | Due to Growth ^{1/} | Due to Replace. ^{2/} | Total ^{3/} |
| 00-0000 | Total, All Occupations | 60,380 | 64,610 | 7.0% | 522 | 1,413 | 1,935 |
| 11-0000 | Management Occupations | 2,490 | 2,610 | 4.8% | 17 | 51 | 68 |
| 11-1000 | Top Executives | 880 | 930 | 5.7% | 6 | 17 | 23 |
| 11-1021 | General & Operations Managers | 620 | 670 | 8.1% | 5 | 12 | 17 |
| 11-2000 | Advertising, Marketing, Promotions, Public Relations & Sales Managers | 70 | 70 | 0.0% | 1 | 2 | 3 |
| 11-2021 | Marketing Managers | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 11-2022 | Sales Managers | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 11-3000 | Operations Specialties Managers | 400 | 430 | 7.5% | 3 | 7 | 10 |
| 11-3011 | Administrative Services Managers | 100 | 120 | 20.0% | 2 | 2 | 4 |
| 11-3021 | Computer & Information Systems Managers | 50 | 60 | 20.0% | 1 | 1 | 2 |
| 11-3031 | Financial Managers | 130 | 130 | 0.0% | 0 | 2 | 2 |
| 11-3051 | Industrial Production Managers | 60 | 70 | 16.7% | 1 | 1 | 2 |
| 11-3071 | Transportation, Storage & Distribution Managers | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 11-3121 | Human Resources Managers | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 11-9000 | Other Management Occupations | 1,140 | 1,180 | 3.5% | 7 | 25 | 32 |
| 11-9021 | Construction Managers | 60 | 60 | 0.0% | 0 | 1 | 1 |
| 11-9032 | Education Administrators, Elementary & Secondary School | 110 | 100 | -9.1% | 0 | 3 | 3 |
| 11-9041 | Architectural & Engineering Managers | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 11-9051 | Food Service Managers | 60 | 60 | 0.0% | 0 | 1 | 1 |
| 11-9061 | Funeral Service Managers | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 11-9111 | Medical & Health Services Managers | 250 | 280 | 12.0% | 3 | 6 | 9 |
| 11-9131 | Postmasters & Mail Superintendents | 40 | 30 | -25.0% | 0 | 1 | 1 |
| 11-9141 | Property, Real Estate & Community Association Managers | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 11-9151 | Social & Community Service Managers | 90 | 100 | 11.1% | 2 | 2 | 4 |
| 13-0000 | Business & Financial Operations Occupations | 2,110 | 2,290 | 8.5% | 19 | 45 | 64 |
| 13-1000 | Business Operations Specialists | 1,290 | 1,400 | 8.5% | 12 | 24 | 36 |
| 13-1022 | Wholesale & Retail Buyers | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 13-1023 | Purchasing Agents | 100 | 110 | 10.0% | 1 | 2 | 3 |
| 13-1031 | Claims Adjusters, Examiners & Investigators | 170 | 170 | 0.0% | 1 | 4 | 5 |
| 13-1041 | Compliance Officers | 90 | 100 | 11.1% | 0 | 2 | 2 |
| 13-1051 | Cost Estimators | 70 | 90 | 28.6% | 1 | 2 | 3 |
| 13-1071 | Human Resources Specialists | 180 | 180 | 0.0% | 0 | 3 | 3 |
| 13-1075 | Labor Relations Specialists | 150 | 140 | -6.7% | 0 | 3 | 3 |
| 13-1111 | Management Analysts | 100 | 110 | 10.0% | 1 | 2 | 3 |
| 13-1131 | Fundraisers | 20 | 20 | 0.0% | 0 | 0 | 0 |

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| 13-1141 | Compensation, Benefits & Job Analysis Specialists | 20 | 30 | 50.0% | 0 | 0 | 0 |
| 13-1151 | Training & Development Specialists | 90 | 110 | 22.2% | 2 | 2 | 4 |
| 13-1161 | Market Research Analysts & Marketing Specialists | 100 | 130 | 30.0% | 3 | 1 | 4 |
| 13-1199 | Business Operations Specialists, Other | 100 | 100 | 0.0% | 0 | 1 | 1 |
| 13-2000 | Financial Specialists | 830 | 890 | 7.2% | 7 | 21 | 28 |
| 13-2011 | Accountants & Auditors | 360 | 410 | 13.9% | 5 | 11 | 16 |
| 13-2021 | Appraisers & Assessors of Real Estate | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 13-2041 | Credit Analysts | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 13-2052 | Personal Financial Advisors | 40 | 50 | 25.0% | 1 | 1 | 2 |
| 13-2053 | Insurance Underwriters | 20 | 10 | -50.0% | 0 | 0 | 0 |
| 13-2072 | Loan Officers | 120 | 120 | 0.0% | 0 | 2 | 2 |
| 13-2081 | Tax Examiners, Collectors & Revenue Agents | 70 | 70 | 0.0% | 0 | 2 | 2 |
| 13-2082 | Tax Preparers | 30 | 40 | 33.3% | 0 | 1 | 1 |
| 13-2099 | Financial Specialists, Other | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 15-0000 | Computer & Mathematical Occupations | 710 | 910 | 28.2% | 20 | 11 | 31 |
| 15-1121 | Computer Systems Analysts | 100 | 150 | 50.0% | 5 | 2 | 7 |
| 15-1131 | Computer Programmers | 50 | 70 | 40.0% | 2 | 1 | 3 |
| 15-1132 | Software Developers, Applications | 40 | 60 | 50.0% | 2 | 1 | 3 |
| 15-1134 | Web Developers | 20 | 20 | 0.0% | 1 | 0 | 1 |
| 15-1141 | Database Administrators | 20 | 30 | 50.0% | 0 | 0 | 0 |
| 15-1142 | Network & Computer Systems Administrators | 130 | 150 | 15.4% | 2 | 2 | 4 |
| 15-1151 | Computer User Support Specialists | 130 | 170 | 30.8% | 4 | 2 | 6 |
| 15-1152 | Computer Network Support Specialists | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 17-0000 | Architecture & Engineering Occupations | 820 | 900 | 9.8% | 11 | 20 | 31 |
| 17-1000 | Architects, Surveyors & Cartographers | 40 | 50 | 25.0% | 1 | 1 | 2 |
| 17-1011 | Architects | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 17-2000 | Engineers | 510 | 590 | 15.7% | 9 | 14 | 23 |
| 17-2051 | Civil Engineers | 170 | 210 | 23.5% | 4 | 4 | 8 |
| 17-2071 | Electrical Engineers | 40 | 50 | 25.0% | 1 | 1 | 2 |
| 17-2081 | Environmental Engineers | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 17-2131 | Materials Engineers | 20 | 20 | 0.0% | 0 | 1 | 1 |
| 17-2141 | Mechanical Engineers | 80 | 100 | 25.0% | 1 | 3 | 4 |
| 17-2151 | Mining & Geological Engineers | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 17-3000 | Drafters, Engineering & Mapping Technicians | 270 | 250 | -7.4% | 1 | 5 | 6 |
| 17-3011 | Architectural & Civil Drafters | 40 | 30 | -25.0% | 0 | 0 | 0 |

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| 17-3013 | Mechanical Drafters | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 17-3022 | Civil Engineering Technicians | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 17-3023 | Electrical & Electronic Engineering Technicians | 80 | 60 | -25.0% | 0 | 2 | 2 |
| 17-3025 | Environmental Engineering Technicians | 10 | 20 | 100.0% | 0 | 0 | 0 |
| 19-0000 | Life, Physical & Social Science Occupations | 380 | 410 | 7.9% | 3 | 12 | 15 |
| 19-1000 | Life Scientists | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 19-2000 | Physical Scientists | 70 | 70 | 0.0% | 0 | 2 | 2 |
| 19-2041 | Environmental Scientists & Specialists | 20 | 30 | 50.0% | 0 | 1 | 1 |
| 19-2042 | Geoscientists | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 19-3000 | Social Scientists & Related Workers | 130 | 130 | 0.0% | 1 | 4 | 5 |
| 19-3031 | Clinical, Counseling & School Psychologists | 80 | 80 | 0.0% | 1 | 2 | 3 |
| 19-3051 | Urban & Regional Planners | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 19-4000 | Life, Physical & Social Science Technicians | 150 | 160 | 6.7% | 2 | 5 | 7 |
| 19-4031 | Chemical Technicians | 40 | 50 | 25.0% | 0 | 1 | 1 |
| 21-0000 | Community & Social Services Occupations | 1,880 | 2,160 | 14.9% | 28 | 43 | 71 |
| 21-1000 | Counselors, Social Workers & Other Community & Social Service Specialists | 1,540 | 1,820 | 18.2% | 28 | 34 | 62 |
| 21-1011 | Substance Abuse & Behavioral Disorder Counselors | 130 | 170 | 30.8% | 4 | 3 | 7 |
| 21-1012 | Educational, Guidance, School & Vocational Counselors | 140 | 140 | 0.0% | 0 | 3 | 3 |
| 21-1013 | Marriage & Family Therapists | 40 | 50 | 25.0% | 1 | 1 | 2 |
| 21-1014 | Mental Health Counselors | 150 | 170 | 13.3% | 2 | 3 | 5 |
| 21-1015 | Rehabilitation Counselors | 170 | 190 | 11.8% | 2 | 4 | 6 |
| 21-1019 | Counselors, Other | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 21-1021 | Child, Family & School Social Workers | 310 | 380 | 22.6% | 6 | 7 | 13 |
| 21-1022 | Healthcare Social Workers | 100 | 130 | 30.0% | 3 | 2 | 5 |
| 21-1093 | Social & Human Service Assistants | 310 | 380 | 22.6% | 7 | 8 | 15 |
| 21-2000 | Religious Workers | 340 | 340 | 0.0% | 1 | 8 | 9 |
| 21-2011 | Clergy | 190 | 190 | 0.0% | 1 | 4 | 5 |
| 21-2021 | Directors, Religious Activities & Education | 110 | 100 | -9.1% | 0 | 4 | 4 |
| 21-2099 | Religious Workers, Other | 50 | 50 | 0.0% | 0 | 1 | 1 |
| 23-0000 | Legal Occupations | 160 | 170 | 6.2% | 1 | 2 | 3 |
| 23-1000 | Lawyers, Judges & Related Workers | 100 | 110 | 10.0% | 1 | 2 | 3 |
| 23-1011 | Lawyers | 70 | 80 | 14.3% | 1 | 1 | 2 |
| 23-2000 | Legal Support Workers | 60 | 60 | 0.0% | 0 | 1 | 1 |
| 23-2099 | Legal Support Workers, Other | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 25-0000 | Education, Training & Library Occupations | 3,680 | 3,720 | 1.1% | 13 | 78 | 91 |

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| 25-1000 | Postsecondary Teachers | 780 | 820 | 5.1% | 4 | 12 | 16 |
| 25-1011 | Business Teachers, Postsecondary | 50 | 60 | 20.0% | 0 | 1 | 1 |
| 25-1021 | Computer Science Teachers, Postsecondary | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 25-1022 | Mathematical Science Teachers, Postsecondary | 30 | 30 | 0.0% | 0 | 0 | 0 |
| 25-1042 | Biological Science Teachers, Postsecondary | 50 | 50 | 0.0% | 0 | 1 | 1 |
| 25-1066 | Psychology Teachers, Postsecondary | 30 | 30 | 0.0% | 0 | 0 | 0 |
| 25-1072 | Nursing Instructors & Teachers, Postsecondary | 60 | 60 | 0.0% | 0 | 1 | 1 |
| 25-1081 | Education Teachers, Postsecondary | 40 | 50 | 25.0% | 0 | 1 | 1 |
| 25-1123 | English Language & Literature Teachers, Postsecondary | 60 | 70 | 16.7% | 0 | 1 | 1 |
| 25-1125 | History Teachers, Postsecondary | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 25-1126 | Philosophy & Religion Teachers, Postsecondary | 30 | 30 | 0.0% | 0 | 0 | 0 |
| 25-2000 | Primary, Secondary & Special Education School Teachers | 1,950 | 1,900 | -2.6% | 2 | 46 | 48 |
| 25-2011 | Preschool Teachers | 170 | 190 | 11.8% | 2 | 5 | 7 |
| 25-2021 | Elementary School Teachers | 530 | 520 | -1.9% | 0 | 12 | 12 |
| 25-2022 | Middle School Teachers | 410 | 410 | 0.0% | 0 | 9 | 9 |
| 25-2031 | Secondary School Teachers | 520 | 490 | -5.8% | 0 | 14 | 14 |
| 25-2052 | Special Education Teachers, Kindergarten & Elementary School | 80 | 70 | -12.5% | 0 | 1 | 1 |
| 25-2053 | Special Education Teachers, Middle School | 50 | 50 | 0.0% | 0 | 1 | 1 |
| 25-2054 | Special Education Teachers, Secondary School | 80 | 70 | -12.5% | 0 | 1 | 1 |
| 25-3000 | Other Teachers & Instructors | 320 | 380 | 18.8% | 6 | 6 | 12 |
| 25-3021 | Self-Enrichment Education Teachers | 100 | 110 | 10.0% | 2 | 2 | 4 |
| 25-3099 | Teachers & Instructors, Other | 170 | 210 | 23.5% | 5 | 3 | 8 |
| 25-4000 | Librarians, Curators & Archivists | 130 | 130 | 0.0% | 0 | 4 | 4 |
| 25-4021 | Librarians | 90 | 90 | 0.0% | 0 | 2 | 2 |
| 25-4031 | Library Technicians | 20 | 20 | 0.0% | 0 | 1 | 1 |
| 25-9000 | Other Education, Training & Library Occupations | 500 | 490 | -2.0% | 0 | 11 | 11 |
| 25-9041 | Teacher Assistants | 450 | 430 | -4.4% | 0 | 10 | 10 |
| 27-0000 | Arts, Design, Entertainment, Sports & Media Occupations | 630 | 670 | 6.3% | 6 | 14 | 20 |
| 27-1023 | Floral Designers | 20 | 10 | -50.0% | 0 | 0 | 0 |
| 27-1024 | Graphic Designers | 40 | 50 | 25.0% | 1 | 1 | 2 |
| 27-2000 | Entertainers & Performers, Sports & Related Workers | 170 | 180 | 5.9% | 1 | 5 | 6 |
| 27-2012 | Producers & Directors | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 27-2022 | Coaches & Scouts | 70 | 70 | 0.0% | 1 | 2 | 3 |
| 27-2041 | Music Directors & Composers | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 27-3000 | Media & Communication Workers | 270 | 300 | 11.1% | 4 | 5 | 9 |

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| 27-3043 | Writers & Authors | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 29-0000 | Healthcare Practitioners & Technical Occupations | 4,820 | 5,530 | 14.7% | 72 | 100 | 172 |
| 29-1000 | Health Diagnosing & Treating Practitioners | 2,900 | 3,250 | 12.1% | 36 | 58 | 94 |
| 29-1021 | Dentists, General | 70 | 80 | 14.3% | 0 | 2 | 2 |
| 29-1031 | Dietitians & Nutritionists | 50 | 60 | 20.0% | 1 | 1 | 2 |
| 29-1051 | Pharmacists | 140 | 150 | 7.1% | 1 | 3 | 4 |
| 29-1062 | Family & General Practitioners | 100 | 100 | 0.0% | 0 | 3 | 3 |
| 29-1069 | Physicians & Surgeons, Other | 80 | 90 | 12.5% | 1 | 2 | 3 |
| 29-1071 | Physician Assistants | 30 | 40 | 33.3% | 0 | 1 | 1 |
| 29-1122 | Occupational Therapists | 60 | 70 | 16.7% | 1 | 1 | 2 |
| 29-1123 | Physical Therapists | 100 | 110 | 10.0% | 2 | 2 | 4 |
| 29-1126 | Respiratory Therapists | 140 | 160 | 14.3% | 2 | 2 | 4 |
| 29-1127 | Speech-Language Pathologists | 70 | 80 | 14.3% | 1 | 1 | 2 |
| 29-1131 | Veterinarians | 10 | 20 | 100.0% | 0 | 0 | 0 |
| 29-1141 | Registered Nurses | 1,890 | 2,130 | 12.7% | 24 | 36 | 60 |
| 29-2000 | Health Technologists & Technicians | 1,880 | 2,240 | 19.1% | 36 | 41 | 77 |
| 29-2021 | Dental Hygienists | 50 | 60 | 20.0% | 1 | 1 | 2 |
| 29-2041 | Emergency Medical Technicians & Paramedics | 460 | 560 | 21.7% | 11 | 12 | 23 |
| 29-2051 | Dietetic Technicians | 20 | 30 | 50.0% | 0 | 0 | 0 |
| 29-2052 | Pharmacy Technicians | 180 | 210 | 16.7% | 2 | 2 | 4 |
| 29-2061 | Licensed Practical & Licensed Vocational Nurses | 450 | 530 | 17.8% | 8 | 11 | 19 |
| 29-2081 | Opticians, Dispensing | 40 | 50 | 25.0% | 1 | 1 | 2 |
| 29-9000 | Other Healthcare Practitioners & Technical Occupations | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 29-9011 | Occupational Health & Safety Specialists | 20 | 20 | 0.0% | 0 | 1 | 1 |
| 31-0000 | Healthcare Support Occupations | 2,090 | 2,500 | 19.6% | 41 | 40 | 81 |
| 31-1000 | Nursing, Psychiatric & Home Health Aides | 1,320 | 1,630 | 23.5% | 31 | 25 | 56 |
| 31-1011 | Home Health Aides | 730 | 990 | 35.6% | 26 | 14 | 40 |
| 31-1014 | Nursing Assistants | 590 | 640 | 8.5% | 5 | 11 | 16 |
| 31-2000 | Occupational & Physical Therapist Assistants & Aides | 60 | 80 | 33.3% | 2 | 1 | 3 |
| 31-2011 | Occupational Therapy Assistants | 10 | 20 | 100.0% | 0 | 0 | 0 |
| 31-2021 | Physical Therapist Assistants | 20 | 30 | 50.0% | 1 | 0 | 1 |
| 31-9000 | Other Healthcare Support Occupations | 710 | 800 | 12.7% | 8 | 14 | 22 |
| 31-9091 | Dental Assistants | 130 | 150 | 15.4% | 2 | 3 | 5 |
| 31-9092 | Medical Assistants | 310 | 360 | 16.1% | 5 | 6 | 11 |
| 31-9094 | Medical Transcriptionists | 100 | 100 | 0.0% | 0 | 2 | 2 |

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| 33-0000 | Protective Service Occupations | 1,220 | 1,300 | 6.6% | 8 | 32 | 40 |
| 33-1099 | Supervisors - Protective Service Workers, Other | 20 | 30 | 50.0% | 0 | 0 | 0 |
| 33-3000 | Law Enforcement Workers | 690 | 700 | 1.4% | 2 | 20 | 22 |
| 33-3051 | Police & Sheriff's Patrol Officers | 280 | 290 | 3.6% | 1 | 9 | 10 |
| 33-9000 | Other Protective Service Workers | 470 | 540 | 14.9% | 6 | 11 | 17 |
| 33-9032 | Security Guards | 360 | 400 | 11.1% | 4 | 5 | 9 |
| 35-0000 | Food Preparation & Serving Related Occupations | 5,110 | 5,480 | 7.2% | 37 | 186 | 223 |
| 35-1000 | Supervisors, Food Preparation & Serving Workers | 400 | 440 | 10.0% | 4 | 11 | 15 |
| 35-1011 | Chefs & Head Cooks | 40 | 50 | 25.0% | 0 | 1 | 1 |
| 35-1012 | Supervisors - Food Preparation & Serving Workers | 360 | 400 | 11.1% | 4 | 10 | 14 |
| 35-2000 | Cooks & Food Preparation Workers | 1,460 | 1,520 | 4.1% | 6 | 32 | 38 |
| 35-2011 | Cooks, Fast Food | 290 | 290 | 0.0% | 0 | 6 | 6 |
| 35-2012 | Cooks, Institution & Cafeteria | 380 | 400 | 5.3% | 2 | 8 | 10 |
| 35-2014 | Cooks, Restaurant | 360 | 390 | 8.3% | 3 | 7 | 10 |
| 35-2015 | Cooks, Short Order | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 35-2021 | Food Preparation Workers | 410 | 420 | 2.4% | 0 | 12 | 12 |
| 35-3000 | Food & Beverage Serving Workers | 2,760 | 3,010 | 9.1% | 25 | 116 | 141 |
| 35-3011 | Bartenders | 500 | 560 | 12.0% | 6 | 18 | 24 |
| 35-3021 | Combined Food Preparation & Serving Workers | 1,240 | 1,400 | 12.9% | 16 | 47 | 63 |
| 35-3031 | Waiters & Waitresses | 810 | 830 | 2.5% | 2 | 39 | 41 |
| 35-9000 | Other Food Preparation & Serving Related Workers | 500 | 520 | 4.0% | 2 | 26 | 28 |
| 35-9021 | Dishwashers | 230 | 240 | 4.3% | 1 | 10 | 11 |
| 37-0000 | Building & Grounds Cleaning & Maintenance Occupations | 2,040 | 2,110 | 3.4% | 7 | 41 | 48 |
| 37-1000 | Supervisors of Building & Grounds Cleaning & Maintenance Workers | 130 | 130 | 0.0% | 0 | 3 | 3 |
| 37-1011 | Supervisors - Housekeeping & Janitorial Workers | 90 | 100 | 11.1% | 0 | 2 | 2 |
| 37-1012 | Supervisors - Landscaping & Groundskeeping Workers | 30 | 40 | 33.3% | 0 | 0 | 0 |
| 37-2000 | Building Cleaning & Pest Control Workers | 1,630 | 1,690 | 3.7% | 6 | 31 | 37 |
| 37-2011 | Janitors & Cleaners | 1,060 | 1,090 | 2.8% | 3 | 20 | 23 |
| 37-3000 | Grounds Maintenance Workers | 280 | 290 | 3.6% | 1 | 7 | 8 |
| 37-3011 | Landscaping & Groundskeeping Workers | 260 | 270 | 3.8% | 1 | 7 | 8 |
| 39-0000 | Personal Care & Service Occupations | 2,930 | 3,610 | 23.2% | 69 | 55 | 124 |
| 39-1000 | Supervisors, Personal Care & Service Workers | 150 | 160 | 6.7% | 2 | 3 | 5 |
| 39-1021 | Supervisors - Personal Service Workers | 150 | 160 | 6.7% | 2 | 3 | 5 |
| 39-3000 | Entertainment Attendants & Related Workers | 140 | 150 | 7.1% | 1 | 7 | 8 |
| 39-3031 | Ushers, Lobby Attendants & Ticket Takers | 30 | 30 | 0.0% | 0 | 2 | 2 |

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| 39-3091 | Amusement & Recreation Attendants | 90 | 100 | 11.1% | 1 | 4 | 5 |
| 39-4000 | Funeral Service Workers | 70 | 80 | 14.3% | 0 | 2 | 2 |
| 39-4021 | Funeral Attendants | 50 | 50 | 0.0% | 0 | 1 | 1 |
| 39-4031 | Morticians, Undertakers & Funeral Directors | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 39-5000 | Personal Appearance Workers | 440 | 480 | 9.1% | 4 | 10 | 14 |
| 39-5012 | Hairdressers, Hairstylists & Cosmetologists | 390 | 420 | 7.7% | 3 | 9 | 12 |
| 39-9000 | Other Personal Care & Service Workers | 2,100 | 2,710 | 29.0% | 62 | 34 | 96 |
| 39-9011 | Childcare Workers | 680 | 790 | 16.2% | 10 | 20 | 30 |
| 39-9021 | Personal Care Aides | 1,170 | 1,640 | 40.2% | 47 | 8 | 55 |
| 39-9031 | Fitness Trainers & Aerobics Instructors | 40 | 50 | 25.0% | 1 | 0 | 1 |
| 39-9032 | Recreation Workers | 130 | 150 | 15.4% | 2 | 2 | 4 |
| 39-9041 | Residential Advisors | 70 | 80 | 14.3% | 1 | 3 | 4 |
| 41-0000 | Sales & Related Occupations | 6,040 | 6,160 | 2.0% | 22 | 196 | 218 |
| 41-1000 | Supervisors - Sales Workers | 630 | 630 | 0.0% | 0 | 13 | 13 |
| 41-1011 | Supervisors - Retail Sales Workers | 550 | 550 | 0.0% | 0 | 12 | 12 |
| 41-1012 | Supervisors - Non-Retail Sales Workers | 80 | 80 | 0.0% | 0 | 1 | 1 |
| 41-2000 | Retail Sales Workers | 4,270 | 4,310 | 0.9% | 13 | 159 | 172 |
| 41-2011 | Cashiers | 1,680 | 1,600 | -4.8% | 0 | 73 | 73 |
| 41-2021 | Counter & Rental Clerks | 160 | 180 | 12.5% | 2 | 4 | 6 |
| 41-2031 | Retail Salespersons | 2,320 | 2,420 | 4.3% | 10 | 79 | 89 |
| 41-3000 | Sales Representatives, Services | 410 | 440 | 7.3% | 4 | 10 | 14 |
| 41-3021 | Insurance Sales Agents | 170 | 180 | 5.9% | 1 | 4 | 5 |
| 41-3041 | Travel Agents | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 41-3099 | Sales Representatives, Other Services | 160 | 180 | 12.5% | 2 | 4 | 6 |
| 41-4000 | Sales Representatives, Wholesale & Manufacturing | 520 | 560 | 7.7% | 4 | 10 | 14 |
| 41-4011 | Sales Representatives, Technical & Scientific Products | 20 | 30 | 50.0% | 0 | 0 | 0 |
| 41-4012 | Sales Representatives | 500 | 540 | 8.0% | 4 | 10 | 14 |
| 41-9000 | Other Sales & Related Workers | 210 | 210 | 0.0% | 1 | 4 | 5 |
| 41-9022 | Real Estate Sales Agents | 60 | 70 | 16.7% | 1 | 0 | 1 |
| 43-0000 | Office & Administrative Support Occupations | 9,670 | 9,860 | 2.0% | 50 | 207 | 257 |
| 43-1000 | Supervisors - Office & Administrative Support Workers | 660 | 710 | 7.6% | 6 | 16 | 22 |
| 43-1011 | Supervisors - Office & Administrative Support Workers | 660 | 710 | 7.6% | 6 | 16 | 22 |
| 43-2000 | Communications Equipment Operators | 60 | 50 | -16.7% | 0 | 1 | 1 |
| 43-3000 | Financial Clerks | 1,540 | 1,560 | 1.3% | 10 | 35 | 45 |
| 43-3011 | Bill & Account Collectors | 80 | 70 | -12.5% | 0 | 2 | 2 |

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| | | | | | Due to Growth ^{1/} | Due to Replace. ^{2/} | Total ^{3/} |
| 43-3021 | Billing & Posting Clerks | 250 | 280 | 12.0% | 3 | 4 | 7 |
| 43-3031 | Bookkeeping, Accounting & Auditing Clerks | 710 | 770 | 8.5% | 6 | 6 | 12 |
| 43-3051 | Payroll & Timekeeping Clerks | 60 | 60 | 0.0% | 0 | 1 | 1 |
| 43-3061 | Procurement Clerks | 20 | 20 | 0.0% | 0 | 1 | 1 |
| 43-3071 | Tellers | 420 | 360 | -14.3% | 0 | 20 | 20 |
| 43-4000 | Information & Record Clerks | 2,140 | 2,270 | 6.1% | 15 | 56 | 71 |
| 43-4051 | Customer Service Representatives | 1,200 | 1,290 | 7.5% | 9 | 32 | 41 |
| 43-4071 | File Clerks | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 43-4081 | Hotel, Motel & Resort Desk Clerks | 60 | 60 | 0.0% | 0 | 3 | 3 |
| 43-4121 | Library Assistants, Clerical | 50 | 60 | 20.0% | 1 | 2 | 3 |
| 43-4131 | Loan Interviewers & Clerks | 50 | 60 | 20.0% | 1 | 0 | 1 |
| 43-4151 | Order Clerks | 50 | 50 | 0.0% | 0 | 1 | 1 |
| 43-4161 | Human Resources Assistants | 60 | 60 | 0.0% | 0 | 2 | 2 |
| 43-4171 | Receptionists & Information Clerks | 340 | 370 | 8.8% | 2 | 9 | 11 |
| 43-4181 | Reservation & Transportation Ticket Agents & Travel Clerks | 10 | 0 | -100.0% | 0 | 0 | 0 |
| 43-5000 | Material Recording, Scheduling, Dispatching & Distributing Workers | 1,280 | 1,190 | -7.0% | 2 | 35 | 37 |
| 43-5021 | Couriers & Messengers | 30 | 30 | 0.0% | 0 | 0 | 0 |
| 43-5032 | Dispatchers | 80 | 80 | 0.0% | 0 | 2 | 2 |
| 43-5041 | Meter Readers, Utilities | 30 | 20 | -33.3% | 0 | 1 | 1 |
| 43-5051 | Postal Service Clerks | 30 | 20 | -33.3% | 0 | 0 | 0 |
| 43-5052 | Postal Service Mail Carriers | 160 | 120 | -25.0% | 0 | 6 | 6 |
| 43-5053 | Postal Service Mail Sorters, Processors & Processing Machine Operators | 100 | 70 | -30.0% | 0 | 1 | 1 |
| 43-5061 | Production, Planning & Expediting Clerks | 90 | 100 | 11.1% | 1 | 2 | 3 |
| 43-5071 | Shipping, Receiving & Traffic Clerks | 160 | 160 | 0.0% | 0 | 4 | 4 |
| 43-5081 | Stock Clerks & Order Fillers | 550 | 520 | -5.5% | 0 | 16 | 16 |
| 43-6000 | Secretaries & Administrative Assistants | 1,780 | 1,940 | 9.0% | 17 | 21 | 38 |
| 43-6011 | Executive Secretaries & Executive Administrative Assistants | 350 | 350 | 0.0% | 0 | 4 | 4 |
| 43-6014 | Secretaries | 1,100 | 1,180 | 7.3% | 9 | 13 | 22 |
| 43-9000 | Other Office & Administrative Support Workers | 2,230 | 2,140 | -4.0% | 0 | 43 | 43 |
| 43-9011 | Computer Operators | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 43-9021 | Data Entry Keyers | 200 | 160 | -20.0% | 0 | 2 | 2 |
| 43-9022 | Word Processors & Typists | 130 | 90 | -30.8% | 0 | 0 | 0 |
| 43-9041 | Insurance Claims & Policy Processing Clerks | 50 | 50 | 0.0% | 0 | 1 | 1 |
| 43-9051 | Mail Clerks & Mail Machine Operators | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 43-9061 | Office Clerks, General | 1,720 | 1,710 | -0.6% | 0 | 36 | 36 |

**Johnstown MSA
Occupational Employment
2012-2022 Long-Term Projections**

| SOC Code | Occupational Title | Estimated 2012 | Projected 2022 | Percent Change | Average Annual Openings | | |
|----------------|--|----------------|----------------|----------------|-----------------------------|-------------------------------|---------------------|
| | | | | | Due to Growth ^{1/} | Due to Replace. ^{2/} | Total ^{3/} |
| 43-9199 | Office & Administrative Support Workers, Other | 70 | 70 | 0.0% | 0 | 2 | 2 |
| 45-0000 | Farming, Fishing & Forestry Occupations | 500 | 480 | -4.0% | 0 | 14 | 14 |
| 45-2041 | Graders & Sorters, Agricultural Products | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 45-2091 | Agricultural Equipment Operators | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 45-2093 | Farmworkers, Farm, Ranch & Aquacultural Animals | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 45-2099 | Agricultural Workers, Other | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 45-4000 | Forest, Conservation & Logging Workers | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 47-0000 | Construction & Extraction Occupations | 2,540 | 2,850 | 12.2% | 32 | 42 | 74 |
| 47-1000 | Supervisors - Construction & Extraction Workers | 180 | 220 | 22.2% | 3 | 2 | 5 |
| 47-1011 | Supervisors - Construction Trades & Extraction Workers | 180 | 220 | 22.2% | 3 | 2 | 5 |
| 47-2000 | Construction Trades Workers | 1,860 | 2,120 | 14.0% | 26 | 31 | 57 |
| 47-2021 | Brickmasons & Blockmasons | 30 | 30 | 0.0% | 0 | 0 | 0 |
| 47-2031 | Carpenters | 480 | 540 | 12.5% | 6 | 6 | 12 |
| 47-2051 | Cement Masons & Concrete Finishers | 60 | 70 | 16.7% | 1 | 1 | 2 |
| 47-2061 | Construction Laborers | 350 | 420 | 20.0% | 7 | 8 | 15 |
| 47-2073 | Operating Engineers & Other Construction Equipment Operators | 260 | 270 | 3.8% | 1 | 6 | 7 |
| 47-2111 | Electricians | 180 | 210 | 16.7% | 3 | 3 | 6 |
| 47-2132 | Insulation Workers, Mechanical | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 47-2141 | Painters, Construction & Maintenance | 60 | 70 | 16.7% | 1 | 1 | 2 |
| 47-2152 | Plumbers, Pipefitters & Steamfitters | 170 | 210 | 23.5% | 4 | 2 | 6 |
| 47-3000 | Helpers, Construction Trades | 40 | 50 | 25.0% | 1 | 1 | 2 |
| 47-4000 | Other Construction & Related Workers | 330 | 340 | 3.0% | 2 | 6 | 8 |
| 47-4011 | Construction & Building Inspectors | 110 | 120 | 9.1% | 1 | 2 | 3 |
| 47-4051 | Highway Maintenance Workers | 190 | 200 | 5.3% | 0 | 3 | 3 |
| 47-4061 | Rail-Track Laying & Maintenance Equipment Operators | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 47-5000 | Extraction Workers | 130 | 120 | -7.7% | 0 | 3 | 3 |
| 47-5041 | Continuous Mining Machine Operators | 30 | 20 | -33.3% | 0 | 0 | 0 |
| 47-5042 | Mine Cutting & Channeling Machine Operators | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 47-5061 | Roof Bolters, Mining | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 47-5081 | Helpers--Extraction Workers | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 47-5099 | Extraction Workers, Other | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 49-0000 | Installation, Maintenance & Repair Occupations | 2,540 | 2,650 | 4.3% | 15 | 59 | 74 |
| 49-1000 | Supervisors - Installation, Maintenance & Repair Workers | 140 | 140 | 0.0% | 0 | 4 | 4 |
| 49-1011 | Supervisors - Mechanics, Installers & Repairers | 140 | 140 | 0.0% | 0 | 4 | 4 |
| 49-2000 | Electrical & Electronic Equipment Mechanics, Installers & Repairers | 180 | 160 | -11.1% | 0 | 3 | 3 |

**Johnstown MSA
Occupational Employment
2012-2022 Long-Term Projections**

| SOC Code | Occupational Title | Estimated 2012 | Projected 2022 | Percent Change | Average Annual Openings | | |
|----------------|---|----------------|----------------|----------------|-----------------------------|-------------------------------|---------------------|
| | | | | | Due to Growth ^{1/} | Due to Replace. ^{2/} | Total ^{3/} |
| 49-2011 | Computer, Automated Teller & Office Machine Repairers | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 49-2098 | Security & Fire Alarm Systems Installers | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 49-3000 | Vehicle & Mobile Equipment Mechanics, Installers | 960 | 990 | 3.1% | 3 | 24 | 27 |
| 49-3011 | Aircraft Mechanics & Service Technicians | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 49-3021 | Automotive Body & Related Repairers | 50 | 50 | 0.0% | 0 | 1 | 1 |
| 49-3023 | Automotive Service Technicians & Mechanics | 510 | 520 | 2.0% | 0 | 13 | 13 |
| 49-3031 | Bus & Truck Mechanics & Diesel Engine Specialists | 180 | 190 | 5.6% | 1 | 4 | 5 |
| 49-3042 | Mobile Heavy Equipment Mechanics | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 49-3043 | Rail Car Repairers | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 49-9000 | Other Installation, Maintenance & Repair Occupations | 1,260 | 1,350 | 7.1% | 11 | 28 | 39 |
| 49-9021 | Heating, A/C & Refrigeration Mechanics & Installers | 80 | 90 | 12.5% | 1 | 2 | 3 |
| 49-9041 | Industrial Machinery Mechanics | 100 | 130 | 30.0% | 3 | 3 | 6 |
| 49-9043 | Maintenance Workers, Machinery | 20 | 30 | 50.0% | 0 | 0 | 0 |
| 49-9062 | Medical Equipment Repairers | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 49-9071 | Maintenance & Repair Workers, General | 670 | 730 | 9.0% | 6 | 13 | 19 |
| 49-9097 | Signal & Track Switch Repairers | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 49-9098 | Helpers--Installation, Maintenance & Repair Workers | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 51-0000 | Production Occupations | 3,730 | 3,620 | -2.9% | 16 | 72 | 88 |
| 51-1000 | Supervisors - Production Workers | 270 | 280 | 3.7% | 1 | 4 | 5 |
| 51-1011 | Supervisors - Production & Operating Workers | 270 | 280 | 3.7% | 1 | 4 | 5 |
| 51-2000 | Assemblers & Fabricators | 890 | 780 | -12.4% | 5 | 14 | 19 |
| 51-2041 | Structural Metal Fabricators & Fitters | 40 | 50 | 25.0% | 0 | 2 | 2 |
| 51-2092 | Team Assemblers | 330 | 350 | 6.1% | 2 | 5 | 7 |
| 51-2099 | Assemblers & Fabricators, Other | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 51-3000 | Food Processing Workers | 250 | 240 | -4.0% | 0 | 6 | 6 |
| 51-3011 | Bakers | 140 | 130 | -7.1% | 0 | 3 | 3 |
| 51-3021 | Butchers & Meat Cutters | 60 | 60 | 0.0% | 0 | 2 | 2 |
| 51-4000 | Metal Workers & Plastic Workers | 1,200 | 1,200 | 0.0% | 4 | 23 | 27 |
| 51-4011 | Computer-Controlled Machine Tool Operators | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 51-4021 | Extruding & Drawing Machine Operators | 30 | 30 | 0.0% | 0 | 1 | 1 |
| 51-4031 | Cutting, Punching & Press Machine Operators | 90 | 100 | 11.1% | 0 | 1 | 1 |
| 51-4041 | Machinists | 120 | 120 | 0.0% | 0 | 3 | 3 |
| 51-4051 | Metal-Refining Furnace Operators | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 51-4052 | Pourers & Casters, Metal | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 51-4121 | Welders, Cutters, Solderers & Brazers | 230 | 250 | 8.7% | 2 | 6 | 8 |

**Johnstown MSA
Occupational Employment
2012-2022 Long-Term Projections**

| SOC Code | Occupational Title | Estimated 2012 | Projected 2022 | Percent Change | Average Annual Openings | | |
|----------------|---|----------------|----------------|----------------|-----------------------------|-------------------------------|---------------------|
| | | | | | Due to Growth ^{1/} | Due to Replace. ^{2/} | Total ^{3/} |
| 51-4193 | Plating & Coating Machine Operators | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 51-5112 | Printing Press Operators | 70 | 70 | 0.0% | 0 | 1 | 1 |
| 51-6000 | Textile, Apparel & Furnishings Workers | 150 | 130 | -13.3% | 0 | 2 | 2 |
| 51-6011 | Laundry & Dry-Cleaning Workers | 50 | 50 | 0.0% | 0 | 1 | 1 |
| 51-6031 | Sewing Machine Operators | 60 | 50 | -16.7% | 0 | 0 | 0 |
| 51-8000 | Plant & System Operators | 140 | 130 | -7.1% | 0 | 4 | 4 |
| 51-8013 | Power Plant Operators | 50 | 50 | 0.0% | 0 | 2 | 2 |
| 51-8031 | Water & Wastewater Treatment Plant & System Operators | 40 | 40 | 0.0% | 0 | 1 | 1 |
| 51-8091 | Chemical Plant & System Operators | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 51-9000 | Other Production Occupations | 650 | 700 | 7.7% | 6 | 15 | 21 |
| 51-9061 | Inspectors, Testers, Sorters, Samplers & Weighers | 220 | 240 | 9.1% | 2 | 5 | 7 |
| 51-9121 | Coating, Painting & Spraying Machine Operators | 50 | 50 | 0.0% | 0 | 1 | 1 |
| 51-9122 | Painters, Transportation Equipment | 20 | 20 | 0.0% | 0 | 0 | 0 |
| 51-9151 | Photographic Process Workers & Processing Machine Operators | 20 | 20 | 0.0% | 0 | 1 | 1 |
| 51-9198 | Helpers--Production Workers | 100 | 110 | 10.0% | 1 | 2 | 3 |
| 53-0000 | Transportation & Material Moving Occupations | 4,320 | 4,640 | 7.4% | 35 | 94 | 129 |
| 53-1000 | Supervisors - Transportation & Material Moving Workers | 120 | 120 | 0.0% | 0 | 3 | 3 |
| 53-1031 | Supervisors - Transportation & Vehicle Operators | 70 | 80 | 14.3% | 0 | 2 | 2 |
| 53-3000 | Motor Vehicle Operators | 2,440 | 2,670 | 9.4% | 24 | 40 | 64 |
| 53-3022 | Bus Drivers, School or Special Client | 540 | 590 | 9.3% | 5 | 10 | 15 |
| 53-3031 | Driver/Sales Workers | 200 | 220 | 10.0% | 3 | 3 | 6 |
| 53-3032 | Heavy & Tractor-Trailer Truck Drivers | 970 | 1,120 | 15.5% | 15 | 16 | 31 |
| 53-3033 | Light Truck or Delivery Services Drivers | 580 | 580 | 0.0% | 0 | 9 | 9 |
| 53-3041 | Taxi Drivers & Chauffeurs | 100 | 120 | 20.0% | 1 | 1 | 2 |
| 53-4000 | Rail Transportation Workers | 220 | 210 | -4.5% | 0 | 7 | 7 |
| 53-4011 | Locomotive Engineers | 80 | 70 | -12.5% | 0 | 2 | 2 |
| 53-4013 | Rail Yard Engineers, Dinkey Operators & Hostlers | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 53-4021 | Railroad Brake, Signal & Switch Operators | 50 | 50 | 0.0% | 0 | 1 | 1 |
| 53-4031 | Railroad Conductors & Yardmasters | 80 | 80 | 0.0% | 0 | 2 | 2 |
| 53-6000 | Other Transportation Workers | 120 | 120 | 0.0% | 0 | 4 | 4 |
| 53-6031 | Automotive & Watercraft Service Attendants | 80 | 90 | 12.5% | 0 | 2 | 2 |
| 53-7000 | Material Moving Workers | 1,420 | 1,510 | 6.3% | 10 | 40 | 50 |
| 53-7033 | Loading Machine Operators, Underground Mining | 10 | 10 | 0.0% | 0 | 0 | 0 |
| 53-7051 | Industrial Truck & Tractor Operators | 120 | 110 | -8.3% | 0 | 3 | 3 |
| 53-7061 | Cleaners of Vehicles & Equipment | 120 | 120 | 0.0% | 0 | 3 | 3 |

**Johnstown MSA
Occupational Employment
2012-2022 Long-Term Projections**

| SOC Code | Occupational Title | Estimated 2012 | Projected 2022 | Percent Change | <u>Average Annual Openings</u> | | |
|-------------|--|-------------------|-------------------|-------------------|--------------------------------|----------------------------------|---------------------|
| | | | | | Due to Growth ^{1/} | Due to Replace. ^{2/} | Total ^{3/} |
| 53-7062 | Laborers & Freight, Stock & Material Movers | 850 | 930 | 9.4% | 9 | 26 | 35 |
| 53-7064 | Packers & Packagers, Hand | 90 | 90 | 0.0% | 0 | 2 | 2 |
| 53-7071 | Gas Compressor & Gas Pumping Station Operators | 20 | 20 | 0.0% | 0 | 1 | 1 |
| 53-7081 | Refuse & Recyclable Material Collectors | 80 | 80 | 0.0% | 0 | 2 | 2 |
| 53-7111 | Mine Shuttle Car Operators | 10 | 10 | 0.0% | 0 | 0 | 0 |

FOOTNOTES:

Data may not add to totals due to rounding. Confidential data and occupations with employment less than 10 are not shown but are included in all sub-total and total employment values.

1/ Labor force growth openings, except for cases of negative growth where growth openings are expressed as zero.

2/ Labor force net replacements due to death, retirement, disability, or withdrawal for personal reasons.

3/ Total openings equal replacements plus annual growth.