

**Westmoreland and Fayette Counties WDA
Occupational Employment
2018-2028 Long-Term Projections**

| SOC Code | Occupational Title | Employment Outlook | | | Annual Demand | | | |
|----------------|--|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | Estimated 2018 | Projected 2028 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 00-0000 | Total, All Occupations | 189,320 | 192,090 | 1.5% | 278 | 8,753 | 13,788 | 22,819 |
| 11-0000 | Management Occupations | 7,460 | 7,750 | 3.9% | 29 | 224 | 425 | 678 |
| 11-1000 | Top Executives | 2,390 | 2,430 | 1.7% | 4 | 52 | 154 | 210 |
| 11-1021 | General & Operations Managers | 2,140 | 2,190 | 2.3% | 5 | 45 | 142 | 192 |
| 11-2000 | Advertising, Marketing, Promotions, Public Relations & Sales Managers | 260 | 260 | 0.0% | 0 | 5 | 18 | 23 |
| 11-2021 | Marketing Managers | 80 | 80 | 0.0% | 0 | 2 | 5 | 7 |
| 11-2022 | Sales Managers | 170 | 170 | 0.0% | 0 | 3 | 11 | 14 |
| 11-3000 | Operations Specialties Managers | 1,010 | 1,060 | 5.0% | 4 | 23 | 58 | 85 |
| 11-3011 | Administrative Services Managers | 140 | 150 | 7.1% | 0 | 4 | 8 | 12 |
| 11-3021 | Computer & Information Systems Managers | 110 | 120 | 9.1% | 0 | 2 | 7 | 9 |
| 11-3031 | Financial Managers | 290 | 320 | 10.3% | 4 | 7 | 17 | 28 |
| 11-3051 | Industrial Production Managers | 220 | 220 | 0.0% | 0 | 5 | 11 | 16 |
| 11-3061 | Purchasing Managers | 50 | 50 | 0.0% | 0 | 1 | 3 | 4 |
| 11-3071 | Transportation, Storage & Distribution Managers | 80 | 90 | 12.5% | 0 | 2 | 5 | 7 |
| 11-3121 | Human Resources Managers | 110 | 110 | 0.0% | 0 | 2 | 7 | 9 |
| 11-9000 | Other Management Occupations | 3,800 | 4,000 | 5.3% | 20 | 144 | 195 | 359 |
| 11-9013 | Farmers, Ranchers & Other Agricultural Managers | 1,200 | 1,230 | 2.5% | 4 | 76 | 45 | 125 |
| 11-9021 | Construction Managers | 400 | 440 | 10.0% | 4 | 9 | 21 | 34 |
| 11-9032 | Education Administrators, Elementary & Secondary School | 280 | 290 | 3.6% | 1 | 7 | 15 | 23 |
| 11-9033 | Education Administrators, Postsecondary | 110 | 110 | 0.0% | 0 | 3 | 6 | 9 |
| 11-9041 | Architectural & Engineering Managers | 190 | 190 | 0.0% | 0 | 3 | 10 | 13 |
| 11-9051 | Food Service Managers | 270 | 290 | 7.4% | 2 | 8 | 23 | 33 |
| 11-9111 | Medical & Health Services Managers | 400 | 460 | 15.0% | 7 | 11 | 24 | 42 |
| 11-9121 | Natural Sciences Managers | 50 | 50 | 0.0% | 0 | 1 | 3 | 4 |
| 11-9131 | Postmasters & Mail Superintendents | 40 | 30 | -25.0% | -1 | 1 | 2 | 2 |
| 11-9141 | Property, Real Estate & Community Association Managers | 130 | 140 | 7.7% | 1 | 5 | 5 | 11 |
| 11-9151 | Social & Community Service Managers | 240 | 260 | 8.3% | 2 | 8 | 14 | 24 |
| 11-9199 | Managers, Other | 320 | 340 | 6.2% | 1 | 8 | 17 | 26 |
| 13-0000 | Business & Financial Operations Occupations | 5,490 | 5,620 | 2.4% | 14 | 155 | 369 | 538 |
| 13-1000 | Business Operations Specialists | 3,110 | 3,170 | 1.9% | 5 | 87 | 221 | 313 |
| 13-1020 | Buyers & Purchasing Agents | 490 | 450 | -8.2% | -4 | 15 | 34 | 45 |
| 13-1031 | Claims Adjusters, Examiners & Investigators | 230 | 210 | -8.7% | -2 | 5 | 13 | 16 |
| 13-1041 | Compliance Officers | 300 | 320 | 6.7% | 2 | 9 | 19 | 30 |
| 13-1051 | Cost Estimators | 240 | 240 | 0.0% | 0 | 6 | 18 | 24 |
| 13-1071 | Human Resources Specialists | 390 | 390 | 0.0% | 0 | 10 | 29 | 39 |

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| 13-1081 | Logisticians | 70 | 70 | 0.0% | 0 | 2 | 5 | 7 |
| 13-1111 | Management Analysts | 410 | 440 | 7.3% | 4 | 13 | 27 | 44 |
| 13-1141 | Compensation, Benefits & Job Analysis Specialists | 30 | 30 | 0.0% | 0 | 1 | 2 | 3 |
| 13-1151 | Training & Development Specialists | 150 | 160 | 6.7% | 0 | 5 | 12 | 17 |
| 13-1161 | Market Research Analysts & Marketing Specialists | 430 | 470 | 9.3% | 4 | 11 | 35 | 50 |
| 13-1199 | Business Operations Specialists, Other | 200 | 200 | 0.0% | 0 | 5 | 14 | 19 |
| 13-2000 | Financial Specialists | 2,380 | 2,460 | 3.4% | 8 | 67 | 148 | 223 |
| 13-2011 | Accountants & Auditors | 1,500 | 1,530 | 2.0% | 3 | 43 | 98 | 144 |
| 13-2021 | Appraisers & Assessors of Real Estate | 120 | 130 | 8.3% | 0 | 4 | 5 | 9 |
| 13-2031 | Budget Analysts | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 13-2041 | Credit Analysts | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 13-2051 | Financial Analysts | 90 | 90 | 0.0% | 0 | 2 | 6 | 8 |
| 13-2061 | Financial Examiners | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 13-2072 | Loan Officers | 150 | 160 | 6.7% | 1 | 4 | 9 | 14 |
| 13-2099 | Financial Specialists, Other | 30 | 40 | 33.3% | 0 | 1 | 2 | 3 |
| 15-0000 | Computer & Mathematical Occupations | 2,340 | 2,480 | 6.0% | 14 | 41 | 138 | 193 |
| 15-1121 | Computer Systems Analysts | 270 | 250 | -7.4% | -1 | 5 | 14 | 18 |
| 15-1122 | Information Security Analysts | 30 | 40 | 33.3% | 1 | 0 | 2 | 3 |
| 15-1131 | Computer Programmers | 300 | 270 | -10.0% | -2 | 5 | 15 | 18 |
| 15-1132 | Software Developers, Applications | 240 | 280 | 16.7% | 4 | 4 | 15 | 23 |
| 15-1141 | Database Administrators | 30 | 40 | 33.3% | 0 | 1 | 2 | 3 |
| 15-1142 | Network & Computer Systems Administrators | 200 | 200 | 0.0% | 0 | 3 | 11 | 14 |
| 15-1143 | Computer Network Architects | 30 | 30 | 0.0% | 0 | 0 | 2 | 2 |
| 15-1151 | Computer User Support Specialists | 470 | 500 | 6.4% | 4 | 9 | 31 | 44 |
| 15-1152 | Computer Network Support Specialists | 80 | 70 | -12.5% | -1 | 1 | 5 | 5 |
| 15-1199 | Computer Occupations, Other | 190 | 190 | 0.0% | 1 | 3 | 11 | 15 |
| 17-0000 | Architecture & Engineering Occupations | 3,330 | 3,400 | 2.1% | 6 | 80 | 183 | 269 |
| 17-1000 | Architects, Surveyors & Cartographers | 40 | 40 | 0.0% | 0 | 1 | 2 | 3 |
| 17-1022 | Surveyors | 30 | 30 | 0.0% | 0 | 1 | 1 | 2 |
| 17-2000 | Engineers | 2,270 | 2,350 | 3.5% | 9 | 46 | 113 | 168 |
| 17-2051 | Civil Engineers | 320 | 330 | 3.1% | 1 | 7 | 19 | 27 |
| 17-2061 | Computer Hardware Engineers | 10 | 10 | 0.0% | 0 | 0 | 0 | 0 |
| 17-2071 | Electrical Engineers | 340 | 350 | 2.9% | 1 | 7 | 16 | 24 |
| 17-2072 | Electronics Engineers | 40 | 40 | 0.0% | 0 | 1 | 2 | 3 |
| 17-2111 | Health & Safety Engineers | 20 | 20 | 0.0% | 0 | 0 | 1 | 1 |

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| 17-2112 | Industrial Engineers | 480 | 510 | 6.2% | 4 | 10 | 24 | 38 |
| 17-2141 | Mechanical Engineers | 660 | 680 | 3.0% | 2 | 12 | 33 | 47 |
| 17-2171 | Petroleum Engineers | 50 | 60 | 20.0% | 0 | 1 | 3 | 4 |
| 17-2199 | Engineers, Other | 80 | 90 | 12.5% | 0 | 2 | 4 | 6 |
| 17-3000 | Drafters, Engineering & Mapping Technicians | 1,030 | 1,010 | -1.9% | -2 | 34 | 68 | 100 |
| 17-3011 | Architectural & Civil Drafters | 110 | 110 | 0.0% | 0 | 4 | 8 | 12 |
| 17-3013 | Mechanical Drafters | 270 | 240 | -11.1% | -2 | 8 | 18 | 24 |
| 17-3022 | Civil Engineering Technicians | 20 | 20 | 0.0% | 0 | 1 | 1 | 2 |
| 17-3023 | Electrical & Electronic Engineering Technicians | 250 | 260 | 4.0% | 1 | 8 | 16 | 25 |
| 17-3026 | Industrial Engineering Technicians | 110 | 110 | 0.0% | 0 | 4 | 7 | 11 |
| 17-3027 | Mechanical Engineering Technicians | 110 | 110 | 0.0% | 0 | 4 | 7 | 11 |
| 17-3029 | Engineering Technicians, Other | 100 | 90 | -10.0% | 0 | 3 | 6 | 9 |
| 17-3031 | Surveying & Mapping Technicians | 20 | 20 | 0.0% | 0 | 1 | 2 | 3 |
| 19-0000 | Life, Physical & Social Science Occupations | 1,270 | 1,340 | 5.5% | 6 | 25 | 97 | 128 |
| 19-1000 | Life Scientists | 100 | 100 | 0.0% | 0 | 2 | 8 | 10 |
| 19-1032 | Foresters | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 19-1042 | Medical Scientists | 20 | 20 | 0.0% | 0 | 0 | 2 | 2 |
| 19-2000 | Physical Scientists | 530 | 550 | 3.8% | 1 | 9 | 42 | 52 |
| 19-2041 | Environmental Scientists & Specialists | 100 | 100 | 0.0% | 0 | 2 | 9 | 11 |
| 19-2042 | Geoscientists | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 19-3000 | Social Scientists & Related Workers | 270 | 300 | 11.1% | 4 | 6 | 16 | 26 |
| 19-3031 | Clinical, Counseling & School Psychologists | 190 | 230 | 21.1% | 3 | 5 | 10 | 18 |
| 19-3051 | Urban & Regional Planners | 50 | 50 | 0.0% | 0 | 1 | 4 | 5 |
| 19-4000 | Life, Physical & Social Science Technicians | 380 | 390 | 2.6% | 1 | 8 | 32 | 41 |
| 19-4031 | Chemical Technicians | 240 | 240 | 0.0% | 1 | 5 | 19 | 25 |
| 19-4061 | Social Science Research Assistants | 10 | 20 | 100.0% | 0 | 0 | 1 | 1 |
| 19-4091 | Environmental Science & Protection Technicians | 80 | 80 | 0.0% | 0 | 2 | 7 | 9 |
| 21-0000 | Community & Social Services Occupations | 3,470 | 3,720 | 7.2% | 25 | 127 | 252 | 404 |
| 21-1000 | Counselors, Social Workers & Community Service Specialists | 2,730 | 2,980 | 9.2% | 25 | 91 | 201 | 317 |
| 21-1012 | Educational, Guidance, School & Vocational Counselors | 210 | 220 | 4.8% | 1 | 7 | 15 | 23 |
| 21-1015 | Rehabilitation Counselors | 100 | 100 | 0.0% | 0 | 3 | 7 | 10 |
| 21-1018 | Substance Abuse, Behavioral Disorder, & Mental Health Counselors | 560 | 660 | 17.9% | 10 | 20 | 43 | 73 |
| 21-1021 | Child, Family & School Social Workers | 610 | 620 | 1.6% | 1 | 18 | 42 | 61 |
| 21-1022 | Healthcare Social Workers | 160 | 190 | 18.8% | 3 | 5 | 12 | 20 |
| 21-1023 | Mental Health & Substance Abuse Social Workers | 320 | 340 | 6.2% | 2 | 10 | 22 | 34 |

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| 21-1091 | Health Educators | 60 | 60 | 0.0% | 1 | 2 | 5 | 8 |
| 21-1092 | Probation Officers & Correctional Treatment Specialists | 140 | 150 | 7.1% | 0 | 3 | 9 | 12 |
| 21-1093 | Social & Human Service Assistants | 400 | 450 | 12.5% | 5 | 17 | 33 | 55 |
| 21-1099 | Community & Social Service Specialists, Other | 40 | 40 | 0.0% | 0 | 1 | 3 | 4 |
| 21-2000 | Religious Workers | 740 | 740 | 0.0% | 0 | 35 | 51 | 86 |
| 21-2011 | Clergy | 370 | 380 | 2.7% | 1 | 16 | 24 | 41 |
| 23-0000 | Legal Occupations | 380 | 400 | 5.3% | 2 | 10 | 15 | 27 |
| 23-1000 | Lawyers, Judges & Related Workers | 270 | 280 | 3.7% | 1 | 6 | 7 | 14 |
| 23-1011 | Lawyers | 230 | 240 | 4.3% | 1 | 5 | 6 | 12 |
| 23-2000 | Legal Support Workers | 110 | 120 | 9.1% | 0 | 4 | 8 | 12 |
| 25-0000 | Education, Training & Library Occupations | 8,250 | 8,560 | 3.8% | 32 | 325 | 396 | 753 |
| 25-1000 | Postsecondary Teachers | 1,040 | 1,090 | 4.8% | 5 | 39 | 49 | 93 |
| 25-1011 | Business Teachers, Postsecondary | 130 | 140 | 7.7% | 2 | 5 | 6 | 13 |
| 25-1021 | Computer Science Teachers, Postsecondary | 10 | 10 | 0.0% | 0 | 0 | 0 | 0 |
| 25-1042 | Biological Science Teachers, Postsecondary | 70 | 70 | 0.0% | 0 | 2 | 3 | 5 |
| 25-1052 | Chemistry Teachers, Postsecondary | 20 | 20 | 0.0% | 0 | 1 | 1 | 2 |
| 25-1066 | Psychology Teachers, Postsecondary | 20 | 20 | 0.0% | 0 | 1 | 1 | 2 |
| 25-1069 | Social Sciences Teachers, Postsecondary, Other | 40 | 30 | -25.0% | 0 | 1 | 2 | 3 |
| 25-1071 | Health Specialties Teachers, Postsecondary | 100 | 110 | 10.0% | 1 | 4 | 5 | 10 |
| 25-1111 | Criminal Justice & Law Enforcement Teachers, Postsecondary | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 25-1122 | Communications Teachers, Postsecondary | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 25-1124 | Foreign Language & Literature Teachers, Postsecondary | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 25-1125 | History Teachers, Postsecondary | 10 | 10 | 0.0% | 0 | 0 | 0 | 0 |
| 25-1194 | Vocational Education Teachers, Postsecondary | 160 | 160 | 0.0% | 0 | 6 | 7 | 13 |
| 25-1199 | Postsecondary Teachers, Other | 180 | 180 | 0.0% | 0 | 7 | 8 | 15 |
| 25-2000 | Primary, Secondary & Special Education School Teachers | 4,780 | 4,950 | 3.6% | 17 | 149 | 213 | 379 |
| 25-2021 | Elementary School Teachers | 1,480 | 1,530 | 3.4% | 5 | 47 | 64 | 116 |
| 25-2031 | Secondary School Teachers | 1,910 | 1,980 | 3.7% | 8 | 54 | 82 | 144 |
| 25-2052 | Special Education Teachers, Kindergarten & Elementary School | 450 | 470 | 4.4% | 1 | 15 | 19 | 35 |
| 25-2054 | Special Education Teachers, Secondary School | 80 | 80 | 0.0% | 0 | 3 | 3 | 6 |
| 25-3011 | Adult Basic & Secondary Education & Literacy Teachers | 20 | 20 | 0.0% | 0 | 1 | 1 | 2 |
| 25-3097 | Teachers & Instructors, Other | 200 | 220 | 10.0% | 2 | 12 | 12 | 26 |
| 25-4021 | Librarians | 140 | 150 | 7.1% | 0 | 8 | 7 | 15 |
| 25-4031 | Library Technicians | 60 | 60 | 0.0% | 0 | 6 | 4 | 10 |
| 25-9000 | Other Education, Training & Library Occupations | 1,180 | 1,210 | 2.5% | 4 | 62 | 62 | 128 |

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| 25-9011 | Audio-Visual & Multimedia Collections Specialists | 10 | 10 | 0.0% | 0 | 0 | 0 | 0 |
| 25-9041 | Teacher Assistants | 1,060 | 1,090 | 2.8% | 4 | 57 | 56 | 117 |
| 27-0000 | Arts, Design, Entertainment, Sports & Media Occupations | 1,720 | 1,690 | -1.7% | -2 | 67 | 114 | 179 |
| 27-1000 | Art & Design Workers | 770 | 760 | -1.3% | -1 | 28 | 50 | 77 |
| 27-1024 | Graphic Designers | 350 | 340 | -2.9% | 0 | 11 | 23 | 34 |
| 27-2011 | Actors | 10 | 10 | 0.0% | 0 | 0 | 0 | 0 |
| 27-2041 | Music Directors & Composers | 60 | 50 | -16.7% | 0 | 3 | 3 | 6 |
| 27-2042 | Musicians & Singers | 140 | 140 | 0.0% | 0 | 8 | 9 | 17 |
| 27-3000 | Media & Communication Workers | 340 | 330 | -2.9% | -2 | 12 | 24 | 34 |
| 27-3011 | Radio & Television Announcers | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 27-3031 | Public Relations Specialists | 110 | 110 | 0.0% | 0 | 3 | 8 | 11 |
| 27-3042 | Technical Writers | 30 | 30 | 0.0% | 0 | 1 | 2 | 3 |
| 27-3043 | Writers & Authors | 100 | 90 | -10.0% | -1 | 4 | 6 | 9 |
| 27-4012 | Broadcast Technicians | 10 | 10 | 0.0% | 0 | 0 | 0 | 0 |
| 27-4021 | Photographers | 250 | 260 | 4.0% | 1 | 10 | 15 | 26 |
| 29-0000 | Healthcare Practitioners & Technical Occupations | 10,020 | 10,780 | 7.6% | 76 | 281 | 325 | 682 |
| 29-1000 | Health Diagnosing & Treating Practitioners | 5,790 | 6,310 | 9.0% | 53 | 149 | 148 | 350 |
| 29-1021 | Dentists, General | 310 | 310 | 0.0% | 0 | 7 | 3 | 10 |
| 29-1031 | Dietitians & Nutritionists | 190 | 210 | 10.5% | 2 | 6 | 6 | 14 |
| 29-1051 | Pharmacists | 520 | 510 | -1.9% | -1 | 12 | 11 | 22 |
| 29-1066 | Psychiatrists | 30 | 30 | 0.0% | 0 | 0 | 0 | 0 |
| 29-1071 | Physician Assistants | 140 | 180 | 28.6% | 4 | 2 | 6 | 12 |
| 29-1122 | Occupational Therapists | 240 | 260 | 8.3% | 3 | 6 | 8 | 17 |
| 29-1123 | Physical Therapists | 340 | 390 | 14.7% | 5 | 7 | 9 | 21 |
| 29-1126 | Respiratory Therapists | 140 | 160 | 14.3% | 2 | 4 | 4 | 10 |
| 29-1127 | Speech-Language Pathologists | 90 | 110 | 22.2% | 1 | 2 | 3 | 6 |
| 29-1141 | Registered Nurses | 2,990 | 3,280 | 9.7% | 29 | 87 | 80 | 196 |
| 29-2000 | Health Technologists & Technicians | 4,010 | 4,230 | 5.5% | 22 | 127 | 169 | 318 |
| 29-2010 | Clinical Laboratory Technologists & Technicians | 280 | 310 | 10.7% | 3 | 8 | 10 | 21 |
| 29-2031 | Cardiovascular Technologists & Technicians | 40 | 40 | 0.0% | 0 | 1 | 1 | 2 |
| 29-2032 | Diagnostic Medical Sonographers | 50 | 50 | 0.0% | 1 | 1 | 2 | 4 |
| 29-2033 | Nuclear Medicine Technologists | 20 | 20 | 0.0% | 0 | 0 | 0 | 0 |
| 29-2034 | Radiologic Technologists | 340 | 360 | 5.9% | 2 | 9 | 11 | 22 |
| 29-2035 | Magnetic Resonance Imaging Technologists | 30 | 30 | 0.0% | 0 | 1 | 1 | 2 |
| 29-2052 | Pharmacy Technicians | 430 | 450 | 4.7% | 2 | 13 | 23 | 38 |

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| 29-2055 | Surgical Technologists | 80 | 90 | 12.5% | 1 | 2 | 4 | 7 |
| 29-2061 | Licensed Practical & Licensed Vocational Nurses | 1,210 | 1,260 | 4.1% | 5 | 42 | 52 | 99 |
| 29-2071 | Medical Records & Health Information Technicians | 80 | 80 | 0.0% | 0 | 2 | 3 | 5 |
| 29-9000 | Other Healthcare Practitioners & Technical Occupations | 230 | 250 | 8.7% | 2 | 5 | 8 | 15 |
| 29-9011 | Occupational Health & Safety Specialists | 160 | 180 | 12.5% | 1 | 4 | 6 | 11 |
| 29-9012 | Occupational Health & Safety Technicians | 30 | 30 | 0.0% | 0 | 1 | 1 | 2 |
| 31-0000 | Healthcare Support Occupations | 5,950 | 6,700 | 12.6% | 76 | 319 | 396 | 791 |
| 31-1000 | Nursing, Psychiatric & Home Health Aides | 4,050 | 4,580 | 13.1% | 53 | 232 | 252 | 537 |
| 31-1011 | Home Health Aides | 1,150 | 1,480 | 28.7% | 32 | 71 | 77 | 180 |
| 31-1014 | Nursing Assistants | 2,570 | 2,770 | 7.8% | 20 | 144 | 156 | 320 |
| 31-2000 | Occupational & Physical Therapist Assistants & Aides | 400 | 480 | 20.0% | 8 | 19 | 33 | 60 |
| 31-2021 | Physical Therapist Assistants | 230 | 270 | 17.4% | 4 | 11 | 20 | 35 |
| 31-9000 | Other Healthcare Support Occupations | 1,500 | 1,650 | 10.0% | 15 | 68 | 112 | 195 |
| 31-9091 | Dental Assistants | 290 | 300 | 3.4% | 1 | 14 | 20 | 35 |
| 31-9092 | Medical Assistants | 790 | 900 | 13.9% | 12 | 33 | 60 | 105 |
| 31-9093 | Medical Equipment Preparers | 40 | 40 | 0.0% | 0 | 2 | 3 | 5 |
| 31-9094 | Medical Transcriptionists | 60 | 50 | -16.7% | 0 | 3 | 4 | 7 |
| 31-9095 | Pharmacy Aides | 40 | 40 | 0.0% | 0 | 2 | 3 | 5 |
| 31-9099 | Healthcare Support Workers, Other | 20 | 20 | 0.0% | 0 | 1 | 1 | 2 |
| 33-0000 | Protective Service Occupations | 3,010 | 2,970 | -1.3% | -4 | 148 | 176 | 320 |
| 33-1012 | Supervisors - Police & Detectives | 80 | 80 | 0.0% | 0 | 2 | 3 | 5 |
| 33-1099 | Supervisors - Protective Service Workers, Other | 70 | 70 | 0.0% | 0 | 3 | 4 | 7 |
| 33-3000 | Law Enforcement Workers | 1,720 | 1,680 | -2.3% | -4 | 48 | 80 | 124 |
| 33-3012 | Correctional Officers & Jailers | 550 | 500 | -9.1% | -5 | 20 | 26 | 41 |
| 33-3021 | Detectives & Criminal Investigators | 70 | 70 | 0.0% | 0 | 2 | 3 | 5 |
| 33-3051 | Police & Sheriff's Patrol Officers | 1,100 | 1,100 | 0.0% | 1 | 26 | 51 | 78 |
| 33-9000 | Other Protective Service Workers | 1,100 | 1,110 | 0.9% | 1 | 94 | 87 | 182 |
| 33-9021 | Private Detectives & Investigators | 40 | 40 | 0.0% | 0 | 1 | 2 | 3 |
| 33-9032 | Security Guards | 520 | 510 | -1.9% | -1 | 26 | 40 | 65 |
| 33-9091 | Crossing Guards | 220 | 230 | 4.5% | 1 | 27 | 10 | 38 |
| 33-9093 | Transportation Security Screeners | 10 | 10 | 0.0% | 0 | 0 | 0 | 0 |
| 33-9099 | Protective Service Workers, Other | 100 | 100 | 0.0% | 0 | 14 | 11 | 25 |
| 35-0000 | Food Preparation & Serving Related Occupations | 18,060 | 19,020 | 5.3% | 95 | 1,278 | 1,919 | 3,292 |
| 35-1000 | Supervisors, Food Preparation & Serving Workers | 1,100 | 1,160 | 5.5% | 6 | 48 | 123 | 177 |
| 35-1011 | Chefs & Head Cooks | 70 | 80 | 14.3% | 0 | 2 | 7 | 9 |

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| 35-1012 | Supervisors - Food Preparation & Serving Workers | 1,030 | 1,080 | 4.9% | 5 | 46 | 115 | 166 |
| 35-2000 | Cooks & Food Preparation Workers | 4,120 | 4,440 | 7.8% | 32 | 238 | 384 | 654 |
| 35-2012 | Cooks, Institution & Cafeteria | 710 | 710 | 0.0% | 0 | 38 | 63 | 101 |
| 35-2014 | Cooks, Restaurant | 2,460 | 2,810 | 14.2% | 34 | 140 | 233 | 407 |
| 35-2021 | Food Preparation Workers | 530 | 540 | 1.9% | 1 | 39 | 53 | 93 |
| 35-3000 | Food & Beverage Serving Workers | 10,680 | 11,250 | 5.3% | 56 | 798 | 1,202 | 2,056 |
| 35-3011 | Bartenders | 1,420 | 1,410 | -0.7% | 0 | 66 | 183 | 249 |
| 35-3021 | Combined Food Preparation & Serving Workers | 5,580 | 6,140 | 10.0% | 56 | 467 | 576 | 1,099 |
| 35-3022 | Counter Attendants, Cafeteria, Food Concession & Coffee Shop | 180 | 180 | 0.0% | 0 | 20 | 19 | 39 |
| 35-3031 | Waiters & Waitresses | 3,370 | 3,360 | -0.3% | -1 | 233 | 412 | 644 |
| 35-3041 | Food Servers, Nonrestaurant | 140 | 150 | 7.1% | 1 | 11 | 12 | 24 |
| 35-9000 | Other Food Preparation & Serving Related Workers | 2,160 | 2,170 | 0.5% | 1 | 194 | 210 | 405 |
| 35-9021 | Dishwashers | 1,020 | 980 | -3.9% | -4 | 74 | 84 | 154 |
| 35-9031 | Hosts & Hostesses: Restaurant, Lounge & Coffee Shop | 790 | 820 | 3.8% | 4 | 90 | 94 | 188 |
| 37-0000 | Building & Grounds Cleaning & Maintenance Occupations | 6,620 | 6,740 | 1.8% | 12 | 386 | 488 | 886 |
| 37-1000 | Supervisors of Building & Grounds Cleaning & Maintenance Workers | 370 | 390 | 5.4% | 2 | 15 | 28 | 45 |
| 37-2000 | Building Cleaning & Pest Control Workers | 4,770 | 4,800 | 0.6% | 2 | 308 | 326 | 636 |
| 37-2011 | Janitors & Cleaners | 3,050 | 3,110 | 2.0% | 6 | 188 | 217 | 411 |
| 37-3000 | Grounds Maintenance Workers | 1,480 | 1,550 | 4.7% | 8 | 62 | 134 | 204 |
| 37-3011 | Landscaping & Groundskeeping Workers | 1,180 | 1,240 | 5.1% | 6 | 49 | 107 | 162 |
| 39-0000 | Personal Care & Service Occupations | 9,610 | 10,610 | 10.4% | 100 | 710 | 762 | 1,572 |
| 39-1000 | Supervisors, Personal Care & Service Workers | 520 | 560 | 7.7% | 4 | 22 | 33 | 59 |
| 39-2000 | Animal Care & Service Workers | 390 | 430 | 10.3% | 4 | 28 | 38 | 70 |
| 39-3000 | Entertainment Attendants & Related Workers | 710 | 740 | 4.2% | 3 | 74 | 87 | 164 |
| 39-3031 | Ushers, Lobby Attendants & Ticket Takers | 30 | 30 | 0.0% | 0 | 3 | 3 | 6 |
| 39-3091 | Amusement & Recreation Attendants | 570 | 600 | 5.3% | 3 | 62 | 72 | 137 |
| 39-3093 | Locker Room, Coatroom & Dressing Room Attendants | 40 | 50 | 25.0% | 0 | 5 | 6 | 11 |
| 39-4000 | Funeral Service Workers | 380 | 380 | 0.0% | 0 | 26 | 26 | 52 |
| 39-5000 | Personal Appearance Workers | 1,510 | 1,650 | 9.3% | 14 | 95 | 100 | 209 |
| 39-5012 | Hairdressers, Hairstylists & Cosmetologists | 1,340 | 1,460 | 9.0% | 13 | 85 | 89 | 187 |
| 39-9000 | Other Personal Care & Service Workers | 6,020 | 6,770 | 12.5% | 76 | 459 | 470 | 1,005 |
| 39-9011 | Childcare Workers | 1,660 | 1,690 | 1.8% | 2 | 124 | 126 | 252 |
| 39-9021 | Personal Care Aides | 3,460 | 4,150 | 19.9% | 69 | 281 | 249 | 599 |
| 39-9032 | Recreation Workers | 480 | 500 | 4.2% | 2 | 29 | 52 | 83 |
| 39-9041 | Residential Advisors | 190 | 200 | 5.3% | 1 | 11 | 19 | 31 |

**Westmoreland and Fayette Counties WDA
Occupational Employment
2018-2028 Long-Term Projections**

| SOC Code | Occupational Title | Employment Outlook | | | Annual Demand | | | |
|----------------|---|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | Estimated 2018 | Projected 2028 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 41-0000 | Sales & Related Occupations | 20,710 | 19,880 | -4.0% | -82 | 1,157 | 1,750 | 2,825 |
| 41-1000 | Supervisors - Sales Workers | 3,170 | 3,070 | -3.2% | -10 | 107 | 229 | 326 |
| 41-1011 | Supervisors - Retail Sales Workers | 2,700 | 2,610 | -3.3% | -8 | 92 | 200 | 284 |
| 41-1012 | Supervisors - Non-Retail Sales Workers | 470 | 450 | -4.3% | -1 | 15 | 29 | 43 |
| 41-2000 | Retail Sales Workers | 12,740 | 12,010 | -5.7% | -72 | 888 | 1,152 | 1,968 |
| 41-2011 | Cashiers | 6,110 | 5,640 | -7.7% | -47 | 524 | 583 | 1,060 |
| 41-2021 | Counter & Rental Clerks | 360 | 360 | 0.0% | 0 | 18 | 28 | 46 |
| 41-2022 | Parts Salespersons | 420 | 410 | -2.4% | -1 | 17 | 33 | 49 |
| 41-2031 | Retail Salespersons | 5,860 | 5,610 | -4.3% | -25 | 330 | 508 | 813 |
| 41-3000 | Sales Representatives, Services | 1,710 | 1,770 | 3.5% | 5 | 56 | 141 | 202 |
| 41-3021 | Insurance Sales Agents | 610 | 640 | 4.9% | 3 | 23 | 38 | 64 |
| 41-3031 | Securities, Commodities & Financial Services Sales Agents | 170 | 190 | 11.8% | 2 | 5 | 12 | 19 |
| 41-3099 | Sales Representatives, Other Services | 880 | 890 | 1.1% | 1 | 26 | 86 | 113 |
| 41-4000 | Sales Representatives, Wholesale & Manufacturing | 2,230 | 2,220 | -0.4% | -1 | 68 | 166 | 233 |
| 41-4011 | Sales Representatives, Technical & Scientific Products | 50 | 50 | 0.0% | 0 | 2 | 4 | 6 |
| 41-4012 | Sales Representatives | 2,180 | 2,180 | 0.0% | -1 | 66 | 162 | 227 |
| 41-9000 | Other Sales & Related Workers | 860 | 810 | -5.8% | -5 | 38 | 62 | 95 |
| 41-9031 | Sales Engineers | 60 | 60 | 0.0% | 0 | 2 | 5 | 7 |
| 43-0000 | Office & Administrative Support Occupations | 29,900 | 28,230 | -5.6% | -167 | 1,432 | 2,016 | 3,281 |
| 43-3000 | Financial Clerks | 3,570 | 3,340 | -6.4% | -23 | 175 | 223 | 375 |
| 43-3011 | Bill & Account Collectors | 260 | 240 | -7.7% | -2 | 10 | 20 | 28 |
| 43-3021 | Billing & Posting Clerks | 680 | 710 | 4.4% | 3 | 29 | 47 | 79 |
| 43-3031 | Bookkeeping, Accounting & Auditing Clerks | 1,450 | 1,350 | -6.9% | -9 | 85 | 78 | 154 |
| 43-3051 | Payroll & Timekeeping Clerks | 150 | 140 | -6.7% | -1 | 7 | 9 | 15 |
| 43-3061 | Procurement Clerks | 200 | 180 | -10.0% | -2 | 6 | 13 | 17 |
| 43-3071 | Tellers | 820 | 710 | -13.4% | -11 | 38 | 55 | 82 |
| 43-4000 | Information & Record Clerks | 7,240 | 7,080 | -2.2% | -16 | 358 | 566 | 908 |
| 43-4011 | Brokerage Clerks | 20 | 20 | 0.0% | 0 | 1 | 1 | 2 |
| 43-4031 | Court, Municipal & License Clerks | 50 | 50 | 0.0% | 0 | 2 | 2 | 4 |
| 43-4051 | Customer Service Representatives | 2,980 | 2,900 | -2.7% | -9 | 141 | 250 | 382 |
| 43-4061 | Eligibility Interviewers, Government Programs | 380 | 380 | 0.0% | 0 | 15 | 22 | 37 |
| 43-4081 | Hotel, Motel & Resort Desk Clerks | 300 | 280 | -6.7% | -2 | 16 | 33 | 47 |
| 43-4111 | Interviewers | 260 | 260 | 0.0% | 0 | 13 | 18 | 31 |
| 43-4121 | Library Assistants, Clerical | 150 | 150 | 0.0% | 0 | 12 | 10 | 22 |
| 43-4151 | Order Clerks | 760 | 710 | -6.6% | -4 | 31 | 54 | 81 |

**Westmoreland and Fayette Counties WDA
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| SOC Code | Occupational Title | Employment Outlook | | | Annual Demand | | | |
|----------------|---|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | Estimated 2018 | Projected 2028 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 43-4161 | Human Resources Assistants | 150 | 140 | -6.7% | -1 | 5 | 11 | 15 |
| 43-4171 | Receptionists & Information Clerks | 1,850 | 1,860 | 0.5% | 1 | 108 | 141 | 250 |
| 43-4199 | Information & Record Clerks, Other | 40 | 40 | 0.0% | 0 | 2 | 3 | 5 |
| 43-5000 | Material Recording, Scheduling, Dispatching & Distributing Workers | 6,580 | 6,300 | -4.3% | -28 | 284 | 460 | 716 |
| 43-5031 | Police, Fire & Ambulance Dispatchers | 160 | 170 | 6.2% | 0 | 6 | 10 | 16 |
| 43-5032 | Dispatchers | 210 | 200 | -4.8% | -1 | 7 | 12 | 18 |
| 43-5041 | Meter Readers, Utilities | 80 | 70 | -12.5% | -1 | 3 | 4 | 6 |
| 43-5051 | Postal Service Clerks | 200 | 170 | -15.0% | -3 | 8 | 6 | 11 |
| 43-5052 | Postal Service Mail Carriers | 590 | 490 | -16.9% | -9 | 20 | 20 | 31 |
| 43-5053 | Postal Service Mail Sorters, Processors & Processing Machine Operators | 20 | 20 | 0.0% | 0 | 1 | 1 | 2 |
| 43-5061 | Production, Planning & Expediting Clerks | 310 | 310 | 0.0% | 0 | 10 | 22 | 32 |
| 43-5071 | Shipping, Receiving & Traffic Clerks | 1,110 | 1,070 | -3.6% | -3 | 36 | 72 | 105 |
| 43-5081 | Stock Clerks & Order Fillers | 3,710 | 3,600 | -3.0% | -12 | 185 | 302 | 475 |
| 43-6000 | Secretaries & Administrative Assistants | 3,750 | 3,350 | -10.7% | -40 | 182 | 215 | 357 |
| 43-6011 | Executive Secretaries & Executive Administrative Assistants | 390 | 310 | -20.5% | -8 | 18 | 21 | 31 |
| 43-6012 | Legal Secretaries | 150 | 120 | -20.0% | -4 | 7 | 8 | 11 |
| 43-6013 | Medical Secretaries | 430 | 470 | 9.3% | 4 | 23 | 28 | 55 |
| 43-6014 | Secretaries | 2,770 | 2,450 | -11.6% | -32 | 134 | 159 | 261 |
| 43-9000 | Other Office & Administrative Support Workers | 6,840 | 6,340 | -7.3% | -50 | 362 | 425 | 737 |
| 43-9021 | Data Entry Keyers | 200 | 150 | -25.0% | -5 | 8 | 12 | 15 |
| 43-9022 | Word Processors & Typists | 230 | 150 | -34.8% | -8 | 12 | 12 | 16 |
| 43-9041 | Insurance Claims & Policy Processing Clerks | 50 | 50 | 0.0% | 0 | 2 | 3 | 5 |
| 43-9061 | Office Clerks, General | 5,930 | 5,580 | -5.9% | -35 | 322 | 367 | 654 |
| 43-9071 | Office Machine Operators | 20 | 10 | -50.0% | 0 | 1 | 1 | 2 |
| 45-0000 | Farming, Fishing & Forestry Occupations | 800 | 850 | 6.2% | 4 | 32 | 100 | 136 |
| 45-1000 | Supervisors - Farming, Fishing & Forestry Workers | 70 | 70 | 0.0% | 0 | 3 | 8 | 11 |
| 45-1011 | Farm & Forestry Worker Supervisors | 70 | 70 | 0.0% | 0 | 3 | 8 | 11 |
| 45-2041 | Graders & Sorters, Agricultural Products | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 45-2091 | Agricultural Equipment Operators | 50 | 60 | 20.0% | 1 | 2 | 6 | 9 |
| 45-2092 | Farmworkers & Laborers, Crop, Nursery & Greenhouse | 400 | 440 | 10.0% | 4 | 17 | 52 | 73 |
| 45-2099 | Agricultural Workers, Other | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 45-4022 | Logging Equipment Operators | 30 | 30 | 0.0% | 0 | 1 | 3 | 4 |
| 47-0000 | Construction & Extraction Occupations | 10,380 | 10,990 | 5.9% | 61 | 347 | 840 | 1,248 |
| 47-1000 | Supervisors - Construction & Extraction Workers | 690 | 730 | 5.8% | 3 | 21 | 53 | 77 |
| 47-1011 | Supervisors - Construction Trades & Extraction Workers | 690 | 730 | 5.8% | 3 | 21 | 53 | 77 |

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| SOC Code | Occupational Title | Employment Outlook | | | Annual Demand | | | |
|----------------|--|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | Estimated 2018 | Projected 2028 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 47-2000 | Construction Trades Workers | 8,370 | 8,890 | 6.2% | 52 | 276 | 670 | 998 |
| 47-2031 | Carpenters | 1,290 | 1,360 | 5.4% | 7 | 42 | 96 | 145 |
| 47-2051 | Cement Masons & Concrete Finishers | 310 | 320 | 3.2% | 1 | 9 | 24 | 34 |
| 47-2061 | Construction Laborers | 2,820 | 3,020 | 7.1% | 20 | 98 | 227 | 345 |
| 47-2073 | Operating Engineers & Other Construction Equipment Operators | 1,210 | 1,260 | 4.1% | 5 | 42 | 100 | 147 |
| 47-2111 | Electricians | 640 | 690 | 7.8% | 5 | 20 | 57 | 82 |
| 47-2121 | Glaziers | 90 | 90 | 0.0% | 0 | 3 | 8 | 11 |
| 47-2141 | Painters, Construction & Maintenance | 310 | 330 | 6.5% | 2 | 11 | 21 | 34 |
| 47-2151 | Pipelayers | 80 | 90 | 12.5% | 0 | 2 | 7 | 9 |
| 47-2152 | Plumbers, Pipefitters & Steamfitters | 780 | 840 | 7.7% | 6 | 24 | 66 | 96 |
| 47-3000 | Helpers, Construction Trades | 40 | 40 | 0.0% | 0 | 1 | 4 | 5 |
| 47-4000 | Other Construction & Related Workers | 790 | 820 | 3.8% | 3 | 34 | 59 | 96 |
| 47-4011 | Construction & Building Inspectors | 130 | 130 | 0.0% | 0 | 7 | 9 | 16 |
| 47-4051 | Highway Maintenance Workers | 470 | 480 | 2.1% | 1 | 19 | 34 | 54 |
| 47-4061 | Rail-Track Laying & Maintenance Equipment Operators | 30 | 30 | 0.0% | 0 | 1 | 2 | 3 |
| 47-5000 | Extraction Workers | 490 | 520 | 6.1% | 3 | 15 | 55 | 73 |
| 49-0000 | Installation, Maintenance & Repair Occupations | 8,540 | 8,710 | 2.0% | 16 | 267 | 565 | 848 |
| 49-1000 | Supervisors - Installation, Maintenance & Repair Workers | 590 | 590 | 0.0% | 0 | 18 | 36 | 54 |
| 49-1011 | Supervisors - Mechanics, Installers & Repairers | 590 | 590 | 0.0% | 0 | 18 | 36 | 54 |
| 49-2000 | Electrical & Electronic Equipment Mechanics, Installers & Repairers | 380 | 390 | 2.6% | 0 | 10 | 29 | 39 |
| 49-2022 | Telecommunications Equipment Installers & Repairers | 90 | 90 | 0.0% | 0 | 2 | 7 | 9 |
| 49-2091 | Avionics Technicians | 30 | 30 | 0.0% | 0 | 1 | 2 | 3 |
| 49-2093 | Electrical & Electronics Installers & Repairers, Transportation Equipment | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 49-2094 | Electrical & Electronics Repairers, Commercial & Industrial Equipment | 30 | 30 | 0.0% | 0 | 1 | 2 | 3 |
| 49-3000 | Vehicle & Mobile Equipment Mechanics, Installers | 2,880 | 2,900 | 0.7% | 2 | 82 | 194 | 278 |
| 49-3011 | Aircraft Mechanics & Service Technicians | 50 | 50 | 0.0% | 0 | 1 | 3 | 4 |
| 49-3021 | Automotive Body & Related Repairers | 240 | 240 | 0.0% | 0 | 8 | 15 | 23 |
| 49-3023 | Automotive Service Technicians & Mechanics | 1,140 | 1,140 | 0.0% | 0 | 31 | 80 | 111 |
| 49-3042 | Mobile Heavy Equipment Mechanics | 210 | 210 | 0.0% | 0 | 6 | 14 | 20 |
| 49-3043 | Rail Car Repairers | 30 | 30 | 0.0% | 0 | 1 | 2 | 3 |
| 49-9000 | Other Installation, Maintenance & Repair Occupations | 4,690 | 4,830 | 3.0% | 14 | 157 | 306 | 477 |
| 49-9012 | Control & Valve Installers & Repairers | 60 | 60 | 0.0% | 0 | 1 | 3 | 4 |
| 49-9021 | Heating, A/C & Refrigeration Mechanics & Installers | 740 | 800 | 8.1% | 6 | 21 | 54 | 81 |
| 49-9031 | Home Appliance Repairers | 30 | 30 | 0.0% | 0 | 1 | 2 | 3 |
| 49-9041 | Industrial Machinery Mechanics | 750 | 780 | 4.0% | 3 | 24 | 46 | 73 |

**Westmoreland and Fayette Counties WDA
Occupational Employment
2018-2028 Long-Term Projections**

| SOC Code | Occupational Title | Employment Outlook | | | Annual Demand | | | |
|----------------|---|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | Estimated 2018 | Projected 2028 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 49-9043 | Maintenance Workers, Machinery | 140 | 140 | 0.0% | 1 | 5 | 7 | 13 |
| 49-9044 | Millwrights | 50 | 50 | 0.0% | 0 | 1 | 3 | 4 |
| 49-9051 | Electrical Power-Line Installers & Repairers | 130 | 140 | 7.7% | 0 | 3 | 8 | 11 |
| 49-9062 | Medical Equipment Repairers | 170 | 180 | 5.9% | 0 | 8 | 11 | 19 |
| 49-9071 | Maintenance & Repair Workers, General | 1,950 | 1,990 | 2.1% | 4 | 69 | 122 | 195 |
| 49-9091 | Coin, Vending & Amusement Machine Servicers & Repairers | 60 | 60 | 0.0% | -1 | 2 | 5 | 6 |
| 49-9097 | Signal & Track Switch Repairers | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 49-9098 | Helpers--Installation, Maintenance & Repair Workers | 120 | 120 | 0.0% | 0 | 6 | 9 | 15 |
| 51-0000 | Production Occupations | 14,830 | 14,050 | -5.3% | -78 | 549 | 1,100 | 1,571 |
| 51-1000 | Supervisors - Production Workers | 1,190 | 1,190 | 0.0% | 0 | 38 | 84 | 122 |
| 51-1011 | Supervisors - Production & Operating Workers | 1,190 | 1,190 | 0.0% | 0 | 38 | 84 | 122 |
| 51-2000 | Assemblers & Fabricators | 2,560 | 2,250 | -12.1% | -31 | 97 | 179 | 245 |
| 51-2028 | Electrical, Electronic, & Electromechanical Assemblers | 650 | 660 | 1.5% | 1 | 28 | 46 | 75 |
| 51-2041 | Structural Metal Fabricators & Fitters | 170 | 140 | -17.6% | -3 | 4 | 12 | 13 |
| 51-2098 | Assemblers & Fabricators, All Other | 1,640 | 1,350 | -17.7% | -29 | 61 | 113 | 145 |
| 51-3000 | Food Processing Workers | 770 | 790 | 2.6% | 2 | 44 | 63 | 109 |
| 51-3011 | Bakers | 540 | 550 | 1.9% | 2 | 32 | 43 | 77 |
| 51-3092 | Food Batchmakers | 120 | 120 | 0.0% | 0 | 7 | 10 | 17 |
| 51-4000 | Metal Workers & Plastic Workers | 5,490 | 5,280 | -3.8% | -22 | 171 | 408 | 557 |
| 51-4011 | Computer-Controlled Machine Tool Operators | 870 | 850 | -2.3% | -2 | 25 | 64 | 87 |
| 51-4012 | Computer Numerically Controlled Machine Tool Programmers | 30 | 40 | 33.3% | 1 | 1 | 3 | 5 |
| 51-4021 | Extruding & Drawing Machine Operators | 400 | 380 | -5.0% | -2 | 11 | 38 | 47 |
| 51-4022 | Forging Machine Operators | 20 | 10 | -50.0% | 0 | 0 | 1 | 1 |
| 51-4023 | Rolling Machine Operators | 80 | 70 | -12.5% | -1 | 2 | 5 | 6 |
| 51-4031 | Cutting, Punching & Press Machine Operators | 290 | 260 | -10.3% | -4 | 10 | 20 | 26 |
| 51-4033 | Grinding, Lapping, Polishing & Buffing Machine Tool Operators | 270 | 230 | -14.8% | -3 | 10 | 18 | 25 |
| 51-4034 | Lathe & Turning Machine Tool Operators | 100 | 90 | -10.0% | -1 | 4 | 6 | 9 |
| 51-4035 | Milling & Planing Machine Operators | 100 | 80 | -20.0% | -2 | 3 | 6 | 7 |
| 51-4041 | Machinists | 1,110 | 1,120 | 0.9% | 2 | 37 | 76 | 115 |
| 51-4052 | Pourers & Casters, Metal | 100 | 90 | -10.0% | -1 | 3 | 8 | 10 |
| 51-4072 | Molding, Coremaking & Casting Machine Operators | 160 | 150 | -6.2% | -1 | 5 | 12 | 16 |
| 51-4081 | Multiple Machine Tool Operators | 250 | 250 | 0.0% | 0 | 8 | 17 | 25 |
| 51-4111 | Tool & Die Makers | 230 | 200 | -13.0% | -3 | 8 | 13 | 18 |
| 51-4121 | Welders, Cutters, Solderers & Brazers | 1,070 | 1,100 | 2.8% | 2 | 28 | 91 | 121 |
| 51-4191 | Heat Treating Equipment Operators | 80 | 70 | -12.5% | -1 | 3 | 5 | 7 |

**Westmoreland and Fayette Counties WDA
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|----------------|--|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | Estimated 2018 | Projected 2028 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 51-5100 | Printing Workers | 300 | 240 | -20.0% | -6 | 11 | 20 | 25 |
| 51-5112 | Printing Press Operators | 230 | 180 | -21.7% | -5 | 8 | 14 | 17 |
| 51-6000 | Textile, Apparel & Furnishings Workers | 670 | 640 | -4.5% | -4 | 38 | 45 | 79 |
| 51-6011 | Laundry & Dry-Cleaning Workers | 460 | 450 | -2.2% | -1 | 28 | 32 | 59 |
| 51-6031 | Sewing Machine Operators | 60 | 50 | -16.7% | -1 | 3 | 3 | 5 |
| 51-7000 | Woodworkers | 350 | 340 | -2.9% | -1 | 16 | 26 | 41 |
| 51-7011 | Cabinetmakers & Bench Carpenters | 130 | 130 | 0.0% | 0 | 5 | 8 | 13 |
| 51-7041 | Sawing Machine Operators, Wood | 70 | 60 | -14.3% | 0 | 2 | 6 | 8 |
| 51-8000 | Plant & System Operators | 490 | 470 | -4.1% | -3 | 14 | 32 | 43 |
| 51-8031 | Water & Wastewater Treatment Plant & System Operators | 310 | 280 | -9.7% | -3 | 9 | 18 | 24 |
| 51-9000 | Other Production Occupations | 2,990 | 2,860 | -4.3% | -13 | 120 | 242 | 349 |
| 51-9012 | Separating, Filtering, Clarifying, Precipitating & Still Machine Operators | 120 | 120 | 0.0% | 0 | 3 | 10 | 13 |
| 51-9023 | Mixing & Blending Machine Operators | 120 | 120 | 0.0% | 0 | 4 | 10 | 14 |
| 51-9032 | Cutting & Slicing Machine Operators | 100 | 100 | 0.0% | 0 | 4 | 8 | 12 |
| 51-9061 | Inspectors, Testers, Sorters, Samplers & Weighers | 1,020 | 830 | -18.6% | -19 | 37 | 78 | 96 |
| 51-9081 | Dental Laboratory Technicians | 150 | 160 | 6.7% | 1 | 7 | 12 | 20 |
| 51-9111 | Packaging & Filling Machine Operators | 430 | 420 | -2.3% | -1 | 19 | 30 | 48 |
| 51-9121 | Coating, Painting & Spraying Machine Operators | 140 | 140 | 0.0% | 0 | 4 | 11 | 15 |
| 51-9122 | Painters, Transportation Equipment | 90 | 90 | 0.0% | 0 | 3 | 7 | 10 |
| 51-9195 | Molders, Shapers & Casters | 30 | 30 | 0.0% | 0 | 1 | 2 | 3 |
| 51-9198 | Helpers--Production Workers | 470 | 550 | 17.0% | 7 | 27 | 48 | 82 |
| 53-0000 | Transportation & Material Moving Occupations | 17,180 | 17,610 | 2.5% | 43 | 793 | 1,360 | 2,196 |
| 53-1000 | Supervisors - Transportation & Material Moving Workers | 650 | 670 | 3.1% | 2 | 21 | 49 | 72 |
| 53-1048 | Supervisors - Transportation & Material Moving Workers | 650 | 670 | 3.1% | 2 | 21 | 49 | 72 |
| 53-3000 | Motor Vehicle Operators | 9,060 | 9,310 | 2.8% | 25 | 446 | 632 | 1,103 |
| 53-3022 | Bus Drivers, School or Special Client | 1,330 | 1,390 | 4.5% | 6 | 106 | 66 | 178 |
| 53-3031 | Driver/Sales Workers | 270 | 240 | -11.1% | -2 | 10 | 18 | 26 |
| 53-3032 | Heavy & Tractor-Trailer Truck Drivers | 4,730 | 4,850 | 2.5% | 12 | 197 | 348 | 557 |
| 53-3033 | Light Truck or Delivery Services Drivers | 1,950 | 1,970 | 1.0% | 2 | 81 | 142 | 225 |
| 53-3041 | Taxi Drivers & Chauffeurs | 290 | 360 | 24.1% | 7 | 18 | 18 | 43 |
| 53-4000 | Rail Transportation Workers | 280 | 260 | -7.1% | -2 | 6 | 19 | 23 |
| 53-4011 | Locomotive Engineers | 100 | 90 | -10.0% | -1 | 2 | 6 | 7 |
| 53-4013 | Rail Yard Engineers, Dinkey Operators & Hostlers | 10 | 10 | 0.0% | 0 | 0 | 0 | 0 |
| 53-4021 | Railroad Brake, Signal & Switch Operators | 50 | 50 | 0.0% | 0 | 1 | 4 | 5 |
| 53-4031 | Railroad Conductors & Yardmasters | 120 | 120 | 0.0% | -1 | 2 | 9 | 10 |

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|----------------|---|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | Estimated 2018 | Projected 2028 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 53-5000 | Water Transportation Workers | 190 | 200 | 5.3% | 1 | 6 | 16 | 23 |
| 53-5011 | Sailors & Marine Oilers | 110 | 120 | 9.1% | 0 | 4 | 11 | 15 |
| 53-5021 | Captains, Mates & Pilots of Water Vessels | 70 | 70 | 0.0% | 0 | 2 | 5 | 7 |
| 53-5031 | Ship Engineers | 10 | 10 | 0.0% | 0 | 0 | 0 | 0 |
| 53-6021 | Parking Lot Attendants | 70 | 70 | 0.0% | 0 | 4 | 7 | 11 |
| 53-7000 | Material Moving Workers | 6,780 | 6,960 | 2.7% | 18 | 305 | 623 | 946 |
| 53-7051 | Industrial Truck & Tractor Operators | 770 | 790 | 2.6% | 3 | 23 | 64 | 90 |
| 53-7061 | Cleaners of Vehicles & Equipment | 360 | 370 | 2.8% | 1 | 18 | 35 | 54 |
| 53-7062 | Laborers & Freight, Stock & Material Movers | 4,380 | 4,490 | 2.5% | 11 | 200 | 415 | 626 |
| 53-7064 | Packers & Packagers, Hand | 360 | 360 | 0.0% | 0 | 21 | 30 | 51 |
| 53-7081 | Refuse & Recyclable Material Collectors | 390 | 430 | 10.3% | 4 | 22 | 34 | 60 |

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/ Demand due to employment growth measures the numerical change in projected number of job gains or losses.

2/ Demand due to exits measure the projected number of workers leaving an occupation and exiting the workforce entirely.

3/ Demand due to transfers are the projected number of workers leaving an occupation and transferring to a different occupation.

4/ Total demand is the projected number of openings (positions) for workers entering the occupation. Defined as the sum of the demand due to growth, exits, and transfers.