

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|--|-------------|--------------------|------------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 00-0000 | Total, All Occupations | N/A | 1,925,310 | 2,084,150 | 8.3% | 15,884 | 85,152 | 127,708 | 228,744 |
| 11-0000 | Management Occupations | N/A | 117,240 | 128,290 | 9.4% | 1,106 | 2,850 | 6,710 | 10,666 |
| 11-1000 | Top Executives | N/A | 36,080 | 38,540 | 6.8% | 247 | 772 | 2,233 | 3,252 |
| 11-1011 | Chief Executives | BD+ | 3,480 | 3,270 | -6.0% | -21 | 92 | 136 | 207 |
| 11-1021 | General & Operations Managers | BD+ | 32,060 | 34,700 | 8.2% | 264 | 666 | 2,069 | 2,999 |
| 11-1031 | Legislators | BD+ | 540 | 580 | 7.4% | 4 | 13 | 27 | 44 |
| 11-2000 | Advertising, Marketing, Promotions, Public Relations & Sales Managers | N/A | 9,970 | 10,720 | 7.5% | 75 | 212 | 650 | 937 |
| 11-2011 | Advertising & Promotions Managers | BD+ | 300 | 330 | 10.0% | 2 | 6 | 24 | 32 |
| 11-2021 | Marketing Managers | BD+ | 4,210 | 4,570 | 8.6% | 35 | 88 | 277 | 400 |
| 11-2022 | Sales Managers | BD+ | 4,540 | 4,840 | 6.6% | 30 | 94 | 295 | 419 |
| 11-2030 | Public Relations & Fundraising Managers | BD+ | 920 | 990 | 7.6% | 7 | 25 | 54 | 86 |
| 11-3000 | Operations Specialties Managers | N/A | 28,130 | 31,230 | 11.0% | 310 | 606 | 1,570 | 2,486 |
| 11-3010 | Administrative Services & Facilities Managers | BD+ | 3,360 | 3,630 | 8.0% | 26 | 99 | 174 | 299 |
| 11-3021 | Computer & Information Systems Managers | BD+ | 7,550 | 8,220 | 8.9% | 67 | 128 | 448 | 643 |
| 11-3031 | Financial Managers | BD+ | 9,640 | 11,250 | 16.7% | 161 | 214 | 525 | 900 |
| 11-3051 | Industrial Production Managers | BD+ | 1,930 | 2,040 | 5.7% | 11 | 38 | 94 | 143 |
| 11-3061 | Purchasing Managers | BD+ | 910 | 970 | 6.6% | 6 | 21 | 51 | 78 |
| 11-3071 | Transportation, Storage & Distribution Managers | WK EXP | 1,540 | 1,650 | 7.1% | 11 | 30 | 88 | 129 |
| 11-3111 | Compensation & Benefits Managers | BD+ | 250 | 270 | 8.0% | 1 | 6 | 13 | 20 |
| 11-3121 | Human Resources Managers | BD+ | 2,470 | 2,680 | 8.5% | 21 | 60 | 144 | 225 |
| 11-3131 | Training & Development Managers | BD+ | 480 | 520 | 8.3% | 4 | 11 | 33 | 48 |
| 11-9000 | Other Management Occupations | N/A | 43,070 | 47,810 | 11.0% | 474 | 1,261 | 2,257 | 3,992 |
| 11-9021 | Construction Managers | BD+ | 2,700 | 3,040 | 12.6% | 34 | 59 | 145 | 238 |
| 11-9031 | Education Admin., Preschool & Childcare Center/Program | BD+ | 1,170 | 1,390 | 18.8% | 22 | 32 | 60 | 114 |
| 11-9032 | Education Administrators, Elementary & Secondary School | MD+ | 2,870 | 3,060 | 6.6% | 19 | 73 | 138 | 230 |
| 11-9033 | Education Administrators, Postsecondary | MD+ | 2,660 | 2,790 | 4.9% | 13 | 67 | 126 | 206 |
| 11-9039 | Education Administrators, Other | BD+ | 570 | 640 | 12.3% | 7 | 15 | 28 | 50 |
| 11-9041 | Architectural & Engineering Managers | BD+ | 2,320 | 2,390 | 3.0% | 7 | 42 | 120 | 169 |
| 11-9051 | Food Service Managers | WK EXP | 2,300 | 2,620 | 13.9% | 33 | 75 | 196 | 304 |
| 11-9081 | Lodging Managers | WK EXP | 240 | 250 | 4.2% | 1 | 9 | 17 | 27 |
| 11-9111 | Medical & Health Services Managers | BD+ | 6,540 | 8,760 | 33.9% | 222 | 191 | 388 | 801 |
| 11-9121 | Natural Sciences Managers | BD+ | 1,480 | 1,570 | 6.1% | 8 | 30 | 75 | 113 |
| 11-9131 | Postmasters & Mail Superintendents | WK EXP | 140 | 120 | -14.3% | -2 | 3 | 6 | 7 |
| 11-9141 | Property, Real Estate & Community Association Managers | WK EXP | 1,770 | 1,870 | 5.6% | 10 | 69 | 69 | 148 |
| 11-9151 | Social & Community Service Managers | BD+ | 3,300 | 3,660 | 10.9% | 36 | 104 | 186 | 326 |

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| 11-9161 | Emergency Management Directors | BD+ | 120 | 120 | 0.0% | 0 | 4 | 6 | 10 |
| 11-9198 | Misc. Personal Svc, Entertainment & Other Managers | BD+ | 11,290 | 11,850 | 5.0% | 56 | 268 | 567 | 891 |
| 13-0000 | Business & Financial Operations Occupations | N/A | 122,960 | 132,670 | 7.9% | 971 | 3,336 | 7,581 | 11,888 |
| 13-1000 | Business Operations Specialists | N/A | 73,110 | 80,200 | 9.7% | 708 | 2,072 | 4,710 | 7,490 |
| 13-1020 | Buyers & Purchasing Agents | BD+ | 5,270 | 4,970 | -5.7% | -30 | 174 | 328 | 472 |
| 13-1031 | Claims Adjusters, Examiners & Investigators | LT OJT | 4,680 | 4,610 | -1.5% | -7 | 109 | 242 | 344 |
| 13-1032 | Insurance Appraisers, Auto Damage | PS+ | 100 | 100 | 0.0% | 0 | 2 | 5 | 7 |
| 13-1041 | Compliance Officers | BD+ | 6,260 | 6,640 | 6.1% | 38 | 156 | 343 | 537 |
| 13-1051 | Cost Estimators | BD+ | 2,670 | 2,740 | 2.6% | 7 | 76 | 163 | 246 |
| 13-1071 | Human Resources Specialists | BD | 9,680 | 10,640 | 9.9% | 96 | 275 | 675 | 1,046 |
| 13-1075 | Labor Relations Specialists | BD+ | 1,130 | 1,060 | -6.2% | -7 | 30 | 73 | 96 |
| 13-1081 | Logisticians | BD | 3,160 | 4,100 | 29.7% | 94 | 76 | 236 | 406 |
| 13-1111 | Management Analysts | BD+ | 11,540 | 13,090 | 13.4% | 155 | 396 | 709 | 1,260 |
| 13-1121 | Meeting, Convention & Event Planners | BD | 2,230 | 2,620 | 17.5% | 39 | 72 | 178 | 289 |
| 13-1131 | Fundraisers | BD | 1,730 | 1,850 | 6.9% | 12 | 56 | 114 | 182 |
| 13-1141 | Compensation, Benefits & Job Analysis Specialists | BD+ | 1,380 | 1,540 | 11.6% | 16 | 44 | 86 | 146 |
| 13-1151 | Training & Development Specialists | BD+ | 3,430 | 3,730 | 8.7% | 30 | 108 | 220 | 358 |
| 13-1161 | Market Research Analysts & Marketing Specialists | BD | 11,350 | 13,580 | 19.6% | 223 | 296 | 911 | 1,430 |
| 13-1198 | Project Mgmt & Other Business Oprs Specialists | BD | 8,470 | 8,870 | 4.7% | 39 | 201 | 425 | 665 |
| 13-2000 | Financial Specialists | N/A | 49,850 | 52,480 | 5.3% | 262 | 1,264 | 2,871 | 4,397 |
| 13-2011 | Accountants & Auditors | BD | 22,660 | 24,340 | 7.4% | 169 | 655 | 1,392 | 2,216 |
| 13-2020 | Property Appraisers & Assessors | BD+ | 660 | 690 | 4.5% | 3 | 26 | 24 | 53 |
| 13-2031 | Budget Analysts | BD | 790 | 830 | 5.1% | 5 | 19 | 42 | 66 |
| 13-2041 | Credit Analysts | BD | 940 | 860 | -8.5% | -8 | 15 | 60 | 67 |
| 13-2052 | Personal Financial Advisors | BD+ | 6,520 | 6,860 | 5.2% | 33 | 152 | 329 | 514 |
| 13-2053 | Insurance Underwriters | BD+ | 2,210 | 2,170 | -1.8% | -4 | 45 | 114 | 155 |
| 13-2061 | Financial Examiners | BD+ | 600 | 660 | 10.0% | 6 | 17 | 29 | 52 |
| 13-2071 | Credit Counselors | BD+ | 560 | 590 | 5.4% | 3 | 12 | 31 | 46 |
| 13-2072 | Loan Officers | BD+ | 3,350 | 3,160 | -5.7% | -19 | 70 | 177 | 228 |
| 13-2081 | Tax Examiners, Collectors & Revenue Agents | BD+ | 640 | 630 | -1.6% | -2 | 25 | 28 | 51 |
| 13-2082 | Tax Preparers | MT OJT | 810 | 860 | 6.2% | 5 | 45 | 46 | 96 |
| 13-2098 | Financial, Investment & Risk Specialists, All Other | BD | 10,130 | 10,830 | 6.9% | 70 | 184 | 598 | 852 |
| 15-0000 | Computer & Mathematical Occupations | N/A | 67,520 | 75,260 | 11.5% | 774 | 1,464 | 3,520 | 5,758 |
| 15-1200 | Computer Occupations | N/A | 63,330 | 69,820 | 10.2% | 648 | 1,369 | 3,301 | 5,318 |
| 15-1211 | Computer Systems Analysts | BD | 8,190 | 8,540 | 4.3% | 35 | 163 | 411 | 609 |

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| 15-1212 | Information Security Analysts | BD+ | 1,540 | 1,990 | 29.2% | 45 | 27 | 98 | 170 |
| 15-1221 | Computer & Information Research Scientists | MD | 210 | 250 | 19.0% | 3 | 4 | 12 | 19 |
| 15-1231 | Computer Network Support Specialists | AD | 3,500 | 3,750 | 7.1% | 24 | 68 | 192 | 284 |
| 15-1232 | Computer User Support Specialists | PS | 9,840 | 10,380 | 5.5% | 55 | 190 | 535 | 780 |
| 15-1241 | Computer Network Architects | BD+ | 3,080 | 3,210 | 4.2% | 13 | 43 | 143 | 199 |
| 15-1244 | Network & Computer Systems Administrators | BD | 4,510 | 4,650 | 3.1% | 14 | 77 | 216 | 307 |
| 15-1245 | Database Administrators & Architects | BD | 3,250 | 3,480 | 7.1% | 23 | 78 | 165 | 266 |
| 15-1251 | Computer Programmers | BD | 3,090 | 2,710 | -12.3% | -38 | 58 | 132 | 152 |
| 15-1256 | Software Developers & QA Analysts | BD | 17,810 | 21,950 | 23.2% | 414 | 461 | 975 | 1,850 |
| 15-1257 | Web & Digital Interface Designers | BD | 2,440 | 2,660 | 9.0% | 22 | 59 | 125 | 206 |
| 15-1299 | Computer Occupations, All Other | BD | 5,880 | 6,260 | 6.5% | 38 | 141 | 298 | 477 |
| 15-2000 | Mathematical Scientists | N/A | 4,190 | 5,440 | 29.8% | 125 | 95 | 219 | 439 |
| 15-2011 | Actuaries | BD+ | 860 | 1,090 | 26.7% | 24 | 15 | 38 | 77 |
| 15-2031 | Operations Research Analysts | BD | 1,490 | 1,870 | 25.5% | 39 | 36 | 73 | 148 |
| 15-2041 | Statisticians | MD | 1,710 | 2,310 | 35.1% | 60 | 41 | 100 | 201 |
| 17-0000 | Architecture & Engineering Occupations | N/A | 32,320 | 33,880 | 4.8% | 155 | 778 | 1,550 | 2,483 |
| 17-1000 | Architects, Surveyors & Cartographers | N/A | 3,310 | 3,330 | 0.6% | 2 | 94 | 144 | 240 |
| 17-1011 | Architects | BD+ | 2,290 | 2,340 | 2.2% | 4 | 63 | 98 | 165 |
| 17-1012 | Landscape Architects | BD+ | 520 | 490 | -5.8% | -2 | 14 | 21 | 33 |
| 17-2000 | Engineers | N/A | 22,080 | 23,620 | 7.0% | 154 | 472 | 966 | 1,592 |
| 17-2041 | Chemical Engineers | BD | 290 | 330 | 13.8% | 4 | 6 | 11 | 21 |
| 17-2051 | Civil Engineers | BD | 3,410 | 3,660 | 7.3% | 25 | 70 | 176 | 271 |
| 17-2061 | Computer Hardware Engineers | BD | 750 | 780 | 4.0% | 3 | 15 | 36 | 54 |
| 17-2071 | Electrical Engineers | BD | 3,200 | 3,420 | 6.9% | 22 | 79 | 133 | 234 |
| 17-2072 | Electronics Engineers | BD | 1,280 | 1,420 | 10.9% | 14 | 32 | 54 | 100 |
| 17-2081 | Environmental Engineers | BD | 720 | 750 | 4.2% | 4 | 17 | 36 | 57 |
| 17-2111 | Health & Safety Engineers | BD | 400 | 430 | 7.5% | 3 | 9 | 17 | 29 |
| 17-2112 | Industrial Engineers | BD | 3,110 | 3,510 | 12.9% | 40 | 72 | 132 | 244 |
| 17-2121 | Marine Engineers & Naval Architects | BD | 70 | 80 | 14.3% | 0 | 1 | 3 | 4 |
| 17-2131 | Materials Engineers | BD | 420 | 460 | 9.5% | 4 | 9 | 17 | 30 |
| 17-2141 | Mechanical Engineers | BD | 4,770 | 4,970 | 4.2% | 20 | 84 | 200 | 304 |
| 17-2199 | Engineers, Other | BD | 1,950 | 2,020 | 3.6% | 8 | 42 | 82 | 132 |
| 17-3000 | Drafters, Engineering & Mapping Technicians | N/A | 6,940 | 6,930 | -0.1% | -1 | 212 | 440 | 651 |
| 17-3011 | Architectural & Civil Drafters | AD | 1,390 | 1,330 | -4.3% | -6 | 42 | 86 | 122 |
| 17-3012 | Electrical & Electronics Drafters | AD | 240 | 250 | 4.2% | 1 | 7 | 15 | 23 |

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| 17-3013 | Mechanical Drafters | AD | 560 | 530 | -5.4% | -3 | 17 | 35 | 49 |
| 17-3022 | Civil Engineering Technicians | AD | 650 | 650 | 0.0% | 1 | 20 | 40 | 61 |
| 17-3023 | Electrical & Electronic Engineering Technicians | AD | 1,080 | 1,060 | -1.9% | -2 | 32 | 66 | 96 |
| 17-3024 | Electro-Mechanical Technicians | AD | 110 | 110 | 0.0% | 0 | 3 | 7 | 10 |
| 17-3025 | Environmental Engineering Technicians | AD | 140 | 150 | 7.1% | 1 | 4 | 9 | 14 |
| 17-3026 | Industrial Engineering Technicians | AD | 430 | 460 | 7.0% | 2 | 13 | 27 | 42 |
| 17-3027 | Mechanical Engineering Technicians | AD | 690 | 710 | 2.9% | 2 | 21 | 43 | 66 |
| 17-3031 | Surveying & Mapping Technicians | MT OJT | 350 | 350 | 0.0% | 0 | 12 | 30 | 42 |
| 17-3098 | Calibration & Engineering Techs, All Other | AD | 1,150 | 1,180 | 2.6% | 3 | 35 | 72 | 110 |
| 19-0000 | Life, Physical & Social Science Occupations | N/A | 23,220 | 25,370 | 9.3% | 215 | 458 | 1,660 | 2,333 |
| 19-1000 | Life Scientists | N/A | 9,120 | 10,350 | 13.5% | 124 | 140 | 602 | 866 |
| 19-1012 | Food Scientists & Technologists | BD | 50 | 50 | 0.0% | 0 | 1 | 4 | 5 |
| 19-1021 | Biochemists & Biophysicists | DOCT | 1,330 | 1,400 | 5.3% | 7 | 22 | 96 | 125 |
| 19-1022 | Microbiologists | BD | 420 | 440 | 4.8% | 2 | 7 | 30 | 39 |
| 19-1023 | Zoologists & Wildlife Biologists | BD | 80 | 80 | 0.0% | 0 | 1 | 6 | 7 |
| 19-1029 | Biological Scientists, Other | BD | 560 | 570 | 1.8% | 1 | 9 | 40 | 50 |
| 19-1031 | Conservation Scientists | BD | 350 | 370 | 5.7% | 2 | 7 | 26 | 35 |
| 19-1041 | Epidemiologists | MD | 60 | 70 | 16.7% | 1 | 1 | 4 | 6 |
| 19-1042 | Medical Scientists | DOCT | 6,050 | 7,150 | 18.2% | 110 | 88 | 380 | 578 |
| 19-1099 | Life Scientists, Other | BD | 30 | 30 | 0.0% | 0 | 0 | 2 | 2 |
| 19-2000 | Physical Scientists | N/A | 3,670 | 3,950 | 7.6% | 28 | 58 | 278 | 364 |
| 19-2012 | Physicists | DOCT | 150 | 170 | 13.3% | 1 | 3 | 8 | 12 |
| 19-2031 | Chemists | BD | 2,100 | 2,250 | 7.1% | 16 | 32 | 162 | 210 |
| 19-2032 | Materials Scientists | BD | 110 | 120 | 9.1% | 1 | 2 | 8 | 11 |
| 19-2041 | Environmental Scientists & Specialists | BD | 480 | 520 | 8.3% | 5 | 8 | 40 | 53 |
| 19-2099 | Physical Scientists, Other | BD | 300 | 310 | 3.3% | 1 | 4 | 19 | 24 |
| 19-3000 | Social Scientists & Related Workers | N/A | 3,260 | 3,480 | 6.7% | 22 | 78 | 169 | 269 |
| 19-3011 | Economists | MD | 130 | 140 | 7.7% | 1 | 2 | 7 | 10 |
| 19-3022 | Survey Researchers | MD | 240 | 240 | 0.0% | 0 | 5 | 16 | 21 |
| 19-3031 | Clinical, Counseling & School Psychologists | DOCT | 1,590 | 1,750 | 10.1% | 16 | 44 | 65 | 125 |
| 19-3039 | Psychologists, Other | MD+ | 230 | 230 | 0.0% | 0 | 6 | 9 | 15 |
| 19-3051 | Urban & Regional Planners | MD | 490 | 520 | 6.1% | 2 | 8 | 35 | 45 |
| 19-3091 | Anthropologists & Archeologists | MD | 40 | 40 | 0.0% | 0 | 1 | 3 | 4 |
| 19-3099 | Social Scientists & Related Workers, Other | BD | 310 | 310 | 0.0% | 0 | 7 | 20 | 27 |
| 19-4000 | Life, Physical & Social Science Technicians | N/A | 5,410 | 5,660 | 4.6% | 26 | 130 | 532 | 688 |

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| 19-4021 | Biological Technicians | BD | 2,170 | 2,260 | 4.1% | 10 | 52 | 221 | 283 |
| 19-4031 | Chemical Technicians | AD+ | 1,040 | 1,080 | 3.8% | 4 | 19 | 95 | 118 |
| 19-4042 | Environmental Science & Protection Technicians | AD | 310 | 320 | 3.2% | 1 | 8 | 29 | 38 |
| 19-4061 | Social Science Research Assistants | BD | 320 | 350 | 9.4% | 2 | 9 | 31 | 42 |
| 19-4071 | Forest & Conservation Technicians | AD | 340 | 340 | 0.0% | 0 | 9 | 32 | 41 |
| 19-4099 | Life, Physical & Social Science Technicians, Other | AD | 730 | 780 | 6.8% | 5 | 20 | 71 | 96 |
| 19-5000 | Occupational Health & Safety Specialists & Technicians | N/A | 1,770 | 1,920 | 8.5% | 16 | 50 | 79 | 145 |
| 19-5011 | Occupational Health & Safety Specialists | BD | 1,580 | 1,720 | 8.9% | 14 | 45 | 71 | 130 |
| 19-5012 | Occupational Health & Safety Technicians | MT OJT | 190 | 210 | 10.5% | 2 | 5 | 8 | 15 |
| 21-0000 | Community & Social Services Occupations | N/A | 44,540 | 49,800 | 11.8% | 526 | 1,555 | 2,997 | 5,078 |
| 21-1000 | Counselors, Social Workers & Community Service Specialists | N/A | 38,280 | 43,500 | 13.6% | 522 | 1,285 | 2,593 | 4,400 |
| 21-1012 | Educational, Guidance, School & Vocational Counselors | MD | 3,270 | 3,610 | 10.4% | 35 | 112 | 204 | 351 |
| 21-1015 | Rehabilitation Counselors | MD | 1,990 | 2,160 | 8.5% | 16 | 68 | 123 | 207 |
| 21-1018 | Substance Abuse, Behavioral Disorder, & Mental Health Counselors | BD | 7,620 | 9,350 | 22.7% | 173 | 276 | 503 | 952 |
| 21-1021 | Child, Family & School Social Workers | BD | 8,430 | 9,320 | 10.6% | 89 | 249 | 561 | 899 |
| 21-1022 | Healthcare Social Workers | MD+ | 2,610 | 2,840 | 8.8% | 24 | 76 | 172 | 272 |
| 21-1023 | Mental Health & Substance Abuse Social Workers | MD+ | 2,940 | 3,420 | 16.3% | 48 | 89 | 201 | 338 |
| 21-1029 | Social Workers, Other | BD | 580 | 600 | 3.4% | 2 | 17 | 37 | 56 |
| 21-1091 | Health Educators | BD | 1,360 | 1,550 | 14.0% | 19 | 49 | 100 | 168 |
| 21-1092 | Probation Officers & Correctional Treatment Specialists | BD | 1,540 | 1,640 | 6.5% | 10 | 34 | 96 | 140 |
| 21-1093 | Social & Human Service Assistants | ST OJT | 4,660 | 5,260 | 12.9% | 60 | 198 | 374 | 632 |
| 21-1094 | Community Health Workers | ST OJT | 970 | 1,180 | 21.6% | 22 | 36 | 74 | 132 |
| 21-1099 | Community & Social Service Specialists, Other | BD | 400 | 440 | 10.0% | 3 | 14 | 29 | 46 |
| 21-2000 | Religious Workers | N/A | 6,260 | 6,300 | 0.6% | 4 | 270 | 404 | 678 |
| 21-2011 | Clergy | BD+ | 3,420 | 3,450 | 0.9% | 4 | 141 | 198 | 343 |
| 21-2021 | Directors, Religious Activities & Education | BD+ | 2,020 | 2,020 | 0.0% | 0 | 80 | 147 | 227 |
| 21-2099 | Religious Workers, Other | BD | 830 | 820 | -1.2% | -1 | 49 | 58 | 106 |
| 23-0000 | Legal Occupations | N/A | 24,160 | 26,850 | 11.1% | 270 | 676 | 935 | 1,881 |
| 23-1000 | Lawyers, Judges & Related Workers | N/A | 17,380 | 19,230 | 10.6% | 186 | 399 | 456 | 1,041 |
| 23-1011 | Lawyers | DOCT | 16,440 | 18,240 | 10.9% | 180 | 375 | 427 | 982 |
| 23-1012 | Judicial Law Clerks | DOCT | 370 | 390 | 5.4% | 2 | 12 | 14 | 28 |
| 23-1021 | Administrative Law Judges, Adjudicators & Hearing Officers | DOCT | 320 | 330 | 3.1% | 2 | 7 | 8 | 17 |
| 23-2000 | Legal Support Workers | N/A | 6,780 | 7,620 | 12.4% | 84 | 277 | 479 | 840 |
| 23-2011 | Paralegals & Legal Assistants | AD | 6,010 | 6,850 | 14.0% | 83 | 249 | 434 | 766 |
| 23-2093 | Title Examiners, Abstractors & Searchers | MT OJT | 390 | 400 | 2.6% | 1 | 14 | 23 | 38 |

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| 23-2099 | Legal Support Workers, Other | AD | 380 | 380 | 0.0% | 0 | 14 | 22 | 36 |
| 25-0000 | Education, Training & Library Occupations | N/A | 116,610 | 128,200 | 9.9% | 1,159 | 4,898 | 5,583 | 11,640 |
| 25-1000 | Postsecondary Teachers | N/A | 23,130 | 24,830 | 7.3% | 170 | 1,073 | 1,120 | 2,363 |
| 25-1011 | Business Teachers, Postsecondary | DOCT | 2,550 | 2,650 | 3.9% | 10 | 116 | 121 | 247 |
| 25-1021 | Computer Science Teachers, Postsecondary | DOCT | 710 | 730 | 2.8% | 3 | 32 | 34 | 69 |
| 25-1022 | Mathematical Science Teachers, Postsecondary | DOCT | 800 | 820 | 2.5% | 2 | 36 | 38 | 76 |
| 25-1031 | Architecture Teachers, Postsecondary | DOCT | 260 | 270 | 3.8% | 1 | 12 | 12 | 25 |
| 25-1032 | Engineering Teachers, Postsecondary | DOCT | 1,410 | 1,550 | 9.9% | 13 | 66 | 69 | 148 |
| 25-1042 | Biological Science Teachers, Postsecondary | DOCT | 1,120 | 1,220 | 8.9% | 11 | 52 | 55 | 118 |
| 25-1051 | Atmospheric, Earth, Marine & Space Sciences Teachers, Postsecondary | DOCT | 220 | 230 | 4.5% | 1 | 10 | 10 | 21 |
| 25-1052 | Chemistry Teachers, Postsecondary | DOCT | 700 | 730 | 4.3% | 3 | 32 | 34 | 69 |
| 25-1053 | Environmental Science Teachers, Postsecondary | DOCT | 30 | 30 | 0.0% | 0 | 2 | 2 | 4 |
| 25-1054 | Physics Teachers, Postsecondary | DOCT | 400 | 410 | 2.5% | 2 | 18 | 19 | 39 |
| 25-1061 | Anthropology & Archeology Teachers, Postsecondary | DOCT | 120 | 130 | 8.3% | 1 | 6 | 6 | 13 |
| 25-1062 | Area, Ethnic & Cultural Studies Teachers, Postsecondary | DOCT | 290 | 310 | 6.9% | 2 | 13 | 14 | 29 |
| 25-1063 | Economics Teachers, Postsecondary | DOCT | 280 | 300 | 7.1% | 2 | 13 | 14 | 29 |
| 25-1065 | Political Science Teachers, Postsecondary | DOCT | 220 | 230 | 4.5% | 1 | 10 | 11 | 22 |
| 25-1066 | Psychology Teachers, Postsecondary | DOCT | 940 | 1,000 | 6.4% | 6 | 43 | 45 | 94 |
| 25-1067 | Sociology Teachers, Postsecondary | DOCT | 210 | 220 | 4.8% | 1 | 10 | 10 | 21 |
| 25-1069 | Social Sciences Teachers, Postsecondary, Other | DOCT | 250 | 250 | 0.0% | 0 | 11 | 12 | 23 |
| 25-1071 | Health Specialties Teachers, Postsecondary | DOCT | 1,810 | 2,170 | 19.9% | 37 | 89 | 93 | 219 |
| 25-1072 | Nursing Instructors & Teachers, Postsecondary | DOCT | 1,350 | 1,610 | 19.3% | 26 | 66 | 69 | 161 |
| 25-1081 | Education Teachers, Postsecondary | DOCT | 790 | 830 | 5.1% | 4 | 36 | 38 | 78 |
| 25-1082 | Library Science Teachers, Postsecondary | DOCT | 50 | 50 | 0.0% | 0 | 2 | 2 | 4 |
| 25-1111 | Criminal Justice & Law Enforcement Teachers, Postsecondary | DOCT | 300 | 320 | 6.7% | 2 | 14 | 14 | 30 |
| 25-1112 | Law Teachers, Postsecondary | DOCT | 330 | 350 | 6.1% | 2 | 15 | 16 | 33 |
| 25-1113 | Social Work Teachers, Postsecondary | DOCT | 290 | 310 | 6.9% | 2 | 13 | 14 | 29 |
| 25-1121 | Art, Drama & Music Teachers, Postsecondary | MD | 1,670 | 1,830 | 9.6% | 16 | 78 | 82 | 176 |
| 25-1122 | Communications Teachers, Postsecondary | DOCT | 850 | 890 | 4.7% | 4 | 39 | 41 | 84 |
| 25-1123 | English Language & Literature Teachers, Postsecondary | DOCT | 1,390 | 1,430 | 2.9% | 4 | 63 | 66 | 133 |
| 25-1124 | Foreign Language & Literature Teachers, Postsecondary | DOCT | 550 | 580 | 5.5% | 3 | 25 | 26 | 54 |
| 25-1125 | History Teachers, Postsecondary | DOCT | 340 | 350 | 2.9% | 2 | 15 | 16 | 33 |
| 25-1126 | Philosophy & Religion Teachers, Postsecondary | DOCT | 350 | 370 | 5.7% | 2 | 16 | 17 | 35 |
| 25-1193 | Recreation & Fitness Studies Teachers, Postsecondary | DOCT | 240 | 250 | 4.2% | 1 | 11 | 11 | 23 |
| 25-1194 | Vocational Education Teachers, Postsecondary | BD+ | 1,450 | 1,490 | 2.8% | 4 | 66 | 69 | 139 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|--|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 25-1199 | Postsecondary Teachers, Other | DOCT | 770 | 800 | 3.9% | 3 | 35 | 37 | 75 |
| 25-2000 | Primary, Secondary & Special Education School Teachers | N/A | 56,810 | 61,870 | 8.9% | 506 | 1,831 | 2,547 | 4,884 |
| 25-2011 | Preschool Teachers | AD | 7,000 | 8,840 | 26.3% | 184 | 325 | 462 | 971 |
| 25-2012 | Kindergarten Teachers | BD | 820 | 870 | 6.1% | 5 | 34 | 49 | 88 |
| 25-2021 | Elementary School Teachers | BD | 16,570 | 17,600 | 6.2% | 103 | 524 | 685 | 1,312 |
| 25-2022 | Middle School Teachers | BD | 5,850 | 6,220 | 6.3% | 37 | 185 | 242 | 464 |
| 25-2031 | Secondary School Teachers | BD | 20,220 | 21,550 | 6.6% | 133 | 554 | 847 | 1,534 |
| 25-2032 | Career/Technical Education Teachers, Secondary School | BD+ | 980 | 1,040 | 6.1% | 6 | 27 | 41 | 74 |
| 25-2051 | Special Education Teachers, Preschool | BD | 90 | 100 | 11.1% | 1 | 3 | 4 | 8 |
| 25-2052 | Special Education Teachers, Kindergarten & Elementary School | BD | 1,630 | 1,740 | 6.7% | 10 | 55 | 67 | 132 |
| 25-2057 | Special Education Teachers, Middle School | BD | 640 | 680 | 6.2% | 4 | 22 | 26 | 52 |
| 25-2058 | Special Education Teachers, Secondary School | BD | 2,860 | 3,070 | 7.3% | 20 | 96 | 118 | 234 |
| 25-3000 | Other Teachers & Instructors | N/A | 12,390 | 14,970 | 20.8% | 258 | 816 | 733 | 1,807 |
| 25-3011 | Adult Basic & Secondary Education & Literacy Teachers | BD | 360 | 370 | 2.8% | 1 | 22 | 20 | 43 |
| 25-3021 | Self-Enrichment Education Teachers | WK EXP | 5,270 | 6,700 | 27.1% | 143 | 357 | 321 | 821 |
| 25-3031 | Substitute Teachers, Short-Term | BD | 3,050 | 3,390 | 11.1% | 34 | 192 | 172 | 398 |
| 25-3097 | Teachers & Instructors, Other | BD | 3,710 | 4,510 | 21.6% | 80 | 245 | 220 | 545 |
| 25-4000 | Librarians, Curators & Archivists | N/A | 2,870 | 3,010 | 4.9% | 14 | 156 | 145 | 315 |
| 25-4011 | Archivists | MD | 120 | 120 | 0.0% | 0 | 6 | 7 | 13 |
| 25-4012 | Curators | MD | 210 | 230 | 9.5% | 1 | 11 | 13 | 25 |
| 25-4013 | Museum Technicians & Conservators | BD | 300 | 320 | 6.7% | 2 | 16 | 19 | 37 |
| 25-4022 | Librarians & Media Collections Specialists | MD | 1,920 | 2,020 | 5.2% | 11 | 97 | 86 | 194 |
| 25-4031 | Library Technicians | PS | 330 | 320 | -3.0% | -1 | 27 | 20 | 46 |
| 25-9000 | Other Education, Training & Library Occupations | N/A | 21,410 | 23,520 | 9.9% | 210 | 1,023 | 1,038 | 2,271 |
| 25-9031 | Instructional Coordinators | MD+ | 2,930 | 3,240 | 10.6% | 31 | 152 | 135 | 318 |
| 25-9044 | Teaching Assistants, Postsecondary | #N/A | 1,350 | 1,390 | 3.0% | 4 | 61 | 64 | 129 |
| 25-9045 | Teaching Assistants, Non-Postsecondary | PS | 16,320 | 18,020 | 10.4% | 170 | 768 | 802 | 1,740 |
| 25-9099 | Education, Training & Library Workers, Other | BD | 810 | 870 | 7.4% | 6 | 42 | 37 | 85 |
| 27-0000 | Arts, Design, Entertainment, Sports & Media Occupations | N/A | 28,500 | 31,150 | 9.3% | 265 | 1,104 | 1,869 | 3,238 |
| 27-1000 | Art & Design Workers | N/A | 8,240 | 8,490 | 3.0% | 25 | 290 | 483 | 798 |
| 27-1011 | Art Directors | BD+ | 1,180 | 1,290 | 9.3% | 11 | 60 | 64 | 135 |
| 27-1013 | Fine Artists | BD+ | 270 | 340 | 25.9% | 6 | 15 | 16 | 37 |
| 27-1014 | Multimedia Artists & Animators | BD | 250 | 270 | 8.0% | 2 | 12 | 13 | 27 |
| 27-1019 | Artists & Related Workers, Other | LT OJT | 100 | 100 | 0.0% | 0 | 5 | 5 | 10 |
| 27-1021 | Commercial & Industrial Designers | BD | 240 | 250 | 4.2% | 1 | 8 | 15 | 24 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|--|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 27-1023 | Floral Designers | MT OJT | 410 | 390 | -4.9% | -3 | 12 | 24 | 33 |
| 27-1024 | Graphic Designers | BD | 3,680 | 3,710 | 0.8% | 3 | 113 | 220 | 336 |
| 27-1025 | Interior Designers | BD | 720 | 740 | 2.8% | 2 | 22 | 44 | 68 |
| 27-1026 | Merchandise Displayers & Window Trimmers | ST OJT | 750 | 760 | 1.3% | 0 | 23 | 45 | 68 |
| 27-1027 | Set & Exhibit Designers | BD | 70 | 70 | 0.0% | 0 | 2 | 4 | 6 |
| 27-1029 | Designers, Other | BD | 80 | 80 | 0.0% | 0 | 2 | 5 | 7 |
| 27-2000 | Entertainers & Performers, Sports & Related Workers | N/A | 7,390 | 8,620 | 16.6% | 122 | 396 | 544 | 1,062 |
| 27-2011 | Actors | PS+ | 630 | 800 | 27.0% | 17 | 30 | 48 | 95 |
| 27-2012 | Producers & Directors | BD+ | 1,390 | 1,580 | 13.7% | 19 | 32 | 94 | 145 |
| 27-2021 | Athletes & Sports Competitors | LT OJT | 270 | 380 | 40.7% | 12 | 18 | 26 | 56 |
| 27-2022 | Coaches & Scouts | BD | 2,360 | 2,860 | 21.2% | 50 | 148 | 210 | 408 |
| 27-2031 | Dancers | LT OJT | 50 | 70 | 40.0% | 1 | 4 | 6 | 11 |
| 27-2041 | Music Directors & Composers | BD+ | 620 | 650 | 4.8% | 3 | 37 | 36 | 76 |
| 27-2042 | Musicians & Singers | LT OJT | 1,880 | 2,030 | 8.0% | 15 | 115 | 110 | 240 |
| 27-2090 | Entertainers, Performers, Sports & Related Workers | ST OJT | 80 | 100 | 25.0% | 2 | 3 | 5 | 10 |
| 27-3000 | Media & Communication Workers | N/A | 9,710 | 10,400 | 7.1% | 69 | 316 | 620 | 1,005 |
| 27-3011 | Radio & Television Announcers | BD | 330 | 340 | 3.0% | 2 | 13 | 18 | 33 |
| 27-3023 | News Analysts, Reporters & Journalists | BD | 430 | 440 | 2.3% | 1 | 13 | 33 | 47 |
| 27-3031 | Public Relations Specialists | BD | 3,220 | 3,470 | 7.8% | 25 | 84 | 220 | 329 |
| 27-3041 | Editors | BD+ | 1,560 | 1,550 | -0.6% | 0 | 51 | 98 | 149 |
| 27-3042 | Technical Writers | BD+ | 1,190 | 1,300 | 9.2% | 11 | 33 | 78 | 122 |
| 27-3043 | Writers & Authors | BD+ | 2,010 | 2,160 | 7.5% | 15 | 84 | 115 | 214 |
| 27-3091 | Interpreters & Translators | BD | 510 | 620 | 21.6% | 12 | 22 | 31 | 65 |
| 27-4000 | Media & Communication Equipment Workers | N/A | 3,150 | 3,640 | 15.6% | 49 | 101 | 221 | 371 |
| 27-4011 | Audio & Video Equipment Technicians | PS | 770 | 950 | 23.4% | 18 | 22 | 63 | 103 |
| 27-4012 | Broadcast Technicians | AD | 320 | 330 | 3.1% | 1 | 8 | 24 | 33 |
| 27-4014 | Sound Engineering Technicians | #N/A | 150 | 170 | 13.3% | 1 | 4 | 12 | 17 |
| 27-4021 | Photographers | MT OJT | 1,130 | 1,300 | 15.0% | 18 | 41 | 68 | 127 |
| 27-4031 | Camera Operators: TV, Video & Motion Picture | BD | 470 | 530 | 12.8% | 6 | 16 | 31 | 53 |
| 29-0000 | Healthcare Practitioners & Technical Occupations | N/A | 139,020 | 153,570 | 10.5% | 1,455 | 3,702 | 4,337 | 9,494 |
| 29-1000 | Health Diagnosing & Treating Practitioners | N/A | 94,040 | 104,710 | 11.3% | 1,066 | 2,369 | 2,359 | 5,794 |
| 29-1011 | Chiropractors | DOCT | 440 | 500 | 13.6% | 5 | 7 | 4 | 16 |
| 29-1021 | Dentists, General | DOCT | 1,560 | 1,780 | 14.1% | 22 | 31 | 14 | 67 |
| 29-1031 | Dietitians & Nutritionists | BD+ | 1,300 | 1,450 | 11.5% | 15 | 44 | 48 | 107 |
| 29-1041 | Optometrists | DOCT | 420 | 460 | 9.5% | 4 | 8 | 5 | 17 |

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Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|---|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 29-1051 | Pharmacists | DOCT | 6,000 | 5,810 | -3.2% | -19 | 109 | 113 | 203 |
| 29-1071 | Physician Assistants | MD | 2,540 | 3,380 | 33.1% | 84 | 46 | 117 | 247 |
| 29-1081 | Podiatrists | DOCT | 240 | 240 | 0.0% | 0 | 6 | 10 | 16 |
| 29-1122 | Occupational Therapists | MD | 2,240 | 2,670 | 19.2% | 42 | 53 | 80 | 175 |
| 29-1123 | Physical Therapists | DOCT | 3,570 | 4,280 | 19.9% | 71 | 78 | 81 | 230 |
| 29-1124 | Radiation Therapists | AD | 170 | 180 | 5.9% | 1 | 3 | 6 | 10 |
| 29-1125 | Recreational Therapists | BD | 400 | 430 | 7.5% | 3 | 13 | 18 | 34 |
| 29-1126 | Respiratory Therapists | AD | 2,160 | 2,600 | 20.4% | 44 | 51 | 60 | 155 |
| 29-1127 | Speech-Language Pathologists | MD+ | 1,670 | 2,060 | 23.4% | 40 | 43 | 67 | 150 |
| 29-1131 | Veterinarians | DOCT | 1,330 | 1,500 | 12.8% | 17 | 22 | 22 | 61 |
| 29-1141 | Registered Nurses | BD | 52,100 | 56,710 | 8.8% | 460 | 1,452 | 1,369 | 3,281 |
| 29-1161 | Nurse Midwives | MD | 120 | 140 | 16.7% | 2 | 3 | 4 | 9 |
| 29-1171 | Nurse Practitioners | MD | 2,610 | 3,860 | 47.9% | 125 | 68 | 101 | 294 |
| 29-1215 | Family Medicine Physicians | DOCT | 1,460 | 1,580 | 8.2% | 12 | 24 | 17 | 53 |
| 29-1216 | General Internal Medicine Physicians | DOCT | 420 | 410 | -2.4% | 0 | 7 | 5 | 12 |
| 29-1218 | Obstetricians & Gynecologists | DOCT | 60 | 50 | -16.7% | 0 | 1 | 1 | 2 |
| 29-1221 | Pediatricians, General | DOCT | 50 | 50 | 0.0% | 0 | 1 | 0 | 1 |
| 29-1228 | Physicians & Ophthalmologists, All Other | DOCT | 8,200 | 8,780 | 7.1% | 58 | 136 | 96 | 290 |
| 29-1248 | Surgeons | #N/A | 100 | 100 | 0.0% | 0 | 2 | 1 | 3 |
| 29-1292 | Dental Hygienists | AD | 2,530 | 2,990 | 18.2% | 46 | 99 | 69 | 214 |
| 29-1298 | Acupuncturists & Other Healthcare Practitioners | MD | 420 | 430 | 2.4% | 1 | 18 | 6 | 25 |
| 29-2000 | Health Technologists & Technicians | N/A | 43,860 | 47,610 | 8.5% | 374 | 1,301 | 1,928 | 3,603 |
| 29-2010 | Clinical Laboratory Technologists & Technicians | BD | 4,880 | 5,140 | 5.3% | 26 | 129 | 186 | 341 |
| 29-2031 | Cardiovascular Technologists & Technicians | AD | 1,050 | 1,150 | 9.5% | 10 | 30 | 47 | 87 |
| 29-2032 | Diagnostic Medical Sonographers | AD | 980 | 1,140 | 16.3% | 15 | 29 | 46 | 90 |
| 29-2033 | Nuclear Medicine Technologists | AD | 280 | 290 | 3.6% | 1 | 8 | 12 | 21 |
| 29-2034 | Radiologic Technologists | AD | 3,000 | 3,160 | 5.3% | 16 | 84 | 132 | 232 |
| 29-2035 | Magnetic Resonance Imaging Technologists | AD+ | 550 | 570 | 3.6% | 2 | 15 | 24 | 41 |
| 29-2040 | Emergency Medical Technicians & Paramedics | PS | 3,570 | 3,710 | 3.9% | 14 | 67 | 168 | 249 |
| 29-2051 | Dietetic Technicians | AD | 410 | 450 | 9.8% | 4 | 12 | 18 | 34 |
| 29-2052 | Pharmacy Technicians | MT OJT | 7,370 | 7,580 | 2.8% | 21 | 204 | 321 | 546 |
| 29-2053 | Psychiatric Technicians | PS+ | 940 | 1,000 | 6.4% | 7 | 26 | 42 | 75 |
| 29-2055 | Surgical Technologists | PS | 1,330 | 1,420 | 6.8% | 9 | 38 | 59 | 106 |
| 29-2056 | Veterinary Technologists & Technicians | AD | 1,380 | 1,520 | 10.1% | 14 | 40 | 62 | 116 |
| 29-2061 | Licensed Practical & Licensed Vocational Nurses | PS | 12,490 | 14,270 | 14.3% | 178 | 451 | 558 | 1,187 |

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Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|---|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 29-2081 | Opticians, Dispensing | LT OJT | 430 | 450 | 4.7% | 2 | 18 | 15 | 35 |
| 29-2091 | Orthotists & Prosthetists | MD+ | 260 | 300 | 15.4% | 4 | 8 | 12 | 24 |
| 29-2098 | Medical Dosimetrists, Records Specialists & Other Techs | PS | 4,520 | 4,930 | 9.1% | 41 | 129 | 203 | 373 |
| 29-9000 | Other Healthcare Practitioners & Technical Occupations | N/A | 1,110 | 1,260 | 13.5% | 15 | 32 | 51 | 98 |
| 29-9091 | Athletic Trainers | BD | 580 | 670 | 15.5% | 9 | 17 | 27 | 53 |
| 29-9092 | Genetic Counselors | #N/A | 60 | 70 | 16.7% | 1 | 2 | 3 | 6 |
| 29-9098 | Health Info Techs, Surgical Asst's & Other HC Workers | PS | 480 | 520 | 8.3% | 5 | 14 | 21 | 40 |
| 31-0000 | Healthcare Support Occupations | N/A | 128,720 | 155,250 | 20.6% | 2,654 | 8,623 | 8,464 | 19,741 |
| 31-1100 | Nursing, Psychiatric, & Home Health Aides | N/A | 105,750 | 128,040 | 21.1% | 2,229 | 7,484 | 6,619 | 16,332 |
| 31-1120 | Home Health & Personal Care Aides | ST OJT | 78,320 | 97,580 | 24.6% | 1,926 | 5,630 | 4,980 | 12,536 |
| 31-1131 | Nursing Assistants | PS | 25,650 | 28,550 | 11.3% | 290 | 1,735 | 1,534 | 3,559 |
| 31-1132 | Orderlies | ST OJT | 930 | 960 | 3.2% | 4 | 60 | 53 | 117 |
| 31-1133 | Psychiatric Aides | ST OJT | 860 | 950 | 10.5% | 9 | 58 | 51 | 118 |
| 31-2000 | Occupational & Physical Therapist Assistants & Aides | N/A | 2,300 | 2,980 | 29.6% | 68 | 118 | 198 | 384 |
| 31-2021 | Physical Therapist Assistants | AD | 1,090 | 1,510 | 38.5% | 41 | 56 | 98 | 195 |
| 31-2022 | Physical Therapist Aides | ST OJT | 590 | 710 | 20.3% | 12 | 28 | 49 | 89 |
| 31-9000 | Other Healthcare Support Occupations | N/A | 20,670 | 24,230 | 17.2% | 356 | 1,021 | 1,647 | 3,024 |
| 31-9011 | Massage Therapists | PS | 1,600 | 2,360 | 47.5% | 76 | 116 | 103 | 295 |
| 31-9091 | Dental Assistants | PS | 3,830 | 4,490 | 17.2% | 66 | 189 | 292 | 547 |
| 31-9092 | Medical Assistants | PS | 9,570 | 11,430 | 19.4% | 186 | 431 | 785 | 1,402 |
| 31-9093 | Medical Equipment Preparers | MT OJT | 590 | 620 | 5.1% | 3 | 34 | 40 | 77 |
| 31-9094 | Medical Transcriptionists | PS | 630 | 530 | -15.9% | -10 | 30 | 50 | 70 |
| 31-9095 | Pharmacy Aides | ST OJT | 690 | 640 | -7.2% | -5 | 34 | 51 | 80 |
| 31-9096 | Veterinary Assistants & Laboratory Animal Caretakers | ST OJT | 1,100 | 1,200 | 9.1% | 10 | 56 | 127 | 193 |
| 31-9097 | Phlebotomists | PS | 1,920 | 2,180 | 13.5% | 26 | 88 | 149 | 263 |
| 31-9099 | Healthcare Support Workers, Other | ST OJT | 740 | 780 | 5.4% | 4 | 42 | 50 | 96 |
| 33-0000 | Protective Service Occupations | N/A | 46,280 | 48,940 | 5.7% | 266 | 2,329 | 3,039 | 5,634 |
| 33-1000 | Supervisors - Protective Service Workers | N/A | 3,400 | 3,590 | 5.6% | 19 | 96 | 162 | 277 |
| 33-1011 | Supervisors - Correctional Officers | WK EXP | 170 | 170 | 0.0% | 0 | 6 | 8 | 14 |
| 33-1012 | Supervisors - Police & Detectives | WK EXP | 1,730 | 1,830 | 5.8% | 10 | 40 | 73 | 123 |
| 33-1021 | Supervisors - Fire Fighting & Prevention | PS+ | 460 | 490 | 6.5% | 3 | 11 | 19 | 33 |
| 33-1090 | Supervisors - Protective Service Workers | WK EXP | 1,040 | 1,100 | 5.8% | 6 | 39 | 62 | 107 |
| 33-2000 | Fire Fighting & Prevention Workers | N/A | 2,200 | 2,330 | 5.9% | 14 | 53 | 117 | 184 |
| 33-2011 | Firefighters | PS+ | 2,080 | 2,210 | 6.2% | 13 | 47 | 111 | 171 |
| 33-2021 | Fire Inspectors & Investigators | PS+ | 110 | 120 | 9.1% | 1 | 6 | 6 | 13 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|---|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 33-3000 | Law Enforcement Workers | N/A | 17,770 | 18,170 | 2.3% | 40 | 516 | 920 | 1,476 |
| 33-3011 | Bailiffs | MT OJT | 60 | 60 | 0.0% | 0 | 2 | 3 | 5 |
| 33-3012 | Correctional Officers & Jailers | MT OJT | 4,860 | 4,600 | -5.3% | -26 | 178 | 256 | 408 |
| 33-3021 | Detectives & Criminal Investigators | WK EXP | 1,700 | 1,770 | 4.1% | 6 | 44 | 80 | 130 |
| 33-3041 | Parking Enforcement Workers | ST OJT | 240 | 150 | -37.5% | -8 | 10 | 9 | 11 |
| 33-3051 | Police & Sheriff's Patrol Officers | MT OJT | 10,900 | 11,590 | 6.3% | 68 | 281 | 571 | 920 |
| 33-9000 | Other Protective Service Workers | N/A | 22,920 | 24,850 | 8.4% | 193 | 1,664 | 1,840 | 3,697 |
| 33-9011 | Animal Control Workers | MT OJT | 30 | 30 | 0.0% | 0 | 1 | 2 | 3 |
| 33-9021 | Private Detectives & Investigators | WK EXP | 440 | 450 | 2.3% | 1 | 12 | 26 | 39 |
| 33-9031 | Gaming Surveillance Officers & Gaming Investigators | WK EXP | 100 | 120 | 20.0% | 2 | 6 | 8 | 16 |
| 33-9032 | Security Guards | ST OJT | 17,290 | 18,430 | 6.6% | 114 | 946 | 1,384 | 2,444 |
| 33-9091 | Crossing Guards | ST OJT | 2,300 | 2,480 | 7.8% | 18 | 348 | 123 | 489 |
| 33-9092 | Lifeguards, Ski Patrol & Other Recreational Protective Service | ST OJT | 1,600 | 2,130 | 33.1% | 53 | 256 | 206 | 515 |
| 33-9093 | Transportation Security Screeners | ST OJT | 670 | 670 | 0.0% | 0 | 24 | 34 | 58 |
| 33-9098 | School Bus Monitors & Other Protective Svc Workers | ST OJT | 500 | 540 | 8.0% | 4 | 71 | 58 | 133 |
| 35-0000 | Food Preparation & Serving Related Occupations | N/A | 123,560 | 150,830 | 22.1% | 2,727 | 10,511 | 14,011 | 27,249 |
| 35-1000 | Supervisors, Food Preparation & Serving Workers | N/A | 11,680 | 14,300 | 22.4% | 262 | 564 | 1,320 | 2,146 |
| 35-1011 | Chefs & Head Cooks | WK EXP | 900 | 1,160 | 28.9% | 26 | 31 | 101 | 158 |
| 35-1012 | Supervisors - Food Preparation & Serving Workers | WK EXP | 10,780 | 13,140 | 21.9% | 236 | 534 | 1,219 | 1,989 |
| 35-2000 | Cooks & Food Preparation Workers | N/A | 24,030 | 30,930 | 28.7% | 690 | 1,719 | 2,385 | 4,794 |
| 35-2011 | Cooks, Fast Food | ST OJT | 1,610 | 1,610 | 0.0% | 0 | 95 | 138 | 233 |
| 35-2012 | Cooks, Institution & Cafeteria | ST OJT | 3,360 | 3,580 | 6.5% | 22 | 204 | 297 | 523 |
| 35-2014 | Cooks, Restaurant | MT OJT | 12,010 | 18,220 | 51.7% | 622 | 890 | 1,294 | 2,806 |
| 35-2015 | Cooks, Short Order | ST OJT | 1,630 | 1,730 | 6.1% | 10 | 99 | 144 | 253 |
| 35-2021 | Food Preparation Workers | ST OJT | 4,990 | 5,310 | 6.4% | 33 | 404 | 474 | 911 |
| 35-3000 | Food & Beverage Serving Workers | N/A | 74,530 | 88,990 | 19.4% | 1,446 | 6,872 | 8,923 | 17,241 |
| 35-3011 | Bartenders | ST OJT | 6,460 | 8,720 | 35.0% | 226 | 344 | 920 | 1,490 |
| 35-3023 | Fast Food & Counter Workers | ST OJT | 41,260 | 47,850 | 16.0% | 659 | 4,320 | 4,711 | 9,690 |
| 35-3031 | Waiters & Waitresses | ST OJT | 21,430 | 26,050 | 21.6% | 462 | 1,743 | 2,834 | 5,039 |
| 35-3041 | Food Servers, Nonrestaurant | ST OJT | 5,380 | 6,370 | 18.4% | 99 | 465 | 458 | 1,022 |
| 35-9000 | Other Food Preparation & Serving Related Workers | N/A | 13,310 | 16,610 | 24.8% | 330 | 1,356 | 1,383 | 3,069 |
| 35-9011 | Dining Room & Cafeteria Attendants & Bartender Helpers | ST OJT | 4,110 | 5,380 | 30.9% | 127 | 409 | 411 | 947 |
| 35-9021 | Dishwashers | ST OJT | 5,270 | 6,250 | 18.6% | 98 | 433 | 482 | 1,013 |
| 37-0000 | Building & Grounds Cleaning & Maintenance Occupations | N/A | 61,210 | 65,790 | 7.5% | 458 | 3,612 | 4,629 | 8,699 |
| 37-1000 | Supervisors of Building & Grounds Cleaning & Maintenance Workers | N/A | 4,760 | 5,000 | 5.0% | 24 | 191 | 341 | 556 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

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|----------------|---|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 37-1011 | Supervisors - Housekeeping & Janitorial Workers | WK EXP | 3,230 | 3,390 | 5.0% | 15 | 142 | 229 | 386 |
| 37-1012 | Supervisors - Landscaping & Groundskeeping Workers | WK EXP | 1,530 | 1,610 | 5.2% | 8 | 49 | 112 | 169 |
| 37-2000 | Building Cleaning & Pest Control Workers | N/A | 42,440 | 45,500 | 7.2% | 306 | 2,791 | 3,031 | 6,128 |
| 37-2011 | Janitors & Cleaners | ST OJT | 29,120 | 30,880 | 6.0% | 176 | 1,872 | 2,103 | 4,151 |
| 37-2012 | Maids & Housekeeping Cleaners | ST OJT | 12,400 | 13,620 | 9.8% | 123 | 884 | 837 | 1,844 |
| 37-3000 | Grounds Maintenance Workers | N/A | 14,010 | 15,300 | 9.2% | 128 | 630 | 1,256 | 2,014 |
| 37-3011 | Landscaping & Groundskeeping Workers | ST OJT | 12,970 | 14,180 | 9.3% | 121 | 584 | 1,164 | 1,869 |
| 37-3013 | Tree Trimmers & Pruners | ST OJT | 960 | 1,030 | 7.3% | 7 | 43 | 85 | 135 |
| 39-0000 | Personal Care & Service Occupations | N/A | 55,290 | 71,590 | 29.5% | 1,629 | 3,749 | 4,719 | 10,097 |
| 39-1000 | Supervisors, Personal Care & Service Workers | N/A | 4,600 | 5,660 | 23.0% | 106 | 187 | 355 | 648 |
| 39-2000 | Animal Care & Service Workers | N/A | 4,080 | 5,330 | 30.6% | 126 | 296 | 387 | 809 |
| 39-2011 | Animal Trainers | MT OJT | 300 | 350 | 16.7% | 5 | 15 | 24 | 44 |
| 39-2021 | Nonfarm Animal Caretakers | ST OJT | 3,780 | 4,980 | 31.7% | 121 | 281 | 364 | 766 |
| 39-3000 | Entertainment Attendants & Related Workers | N/A | 4,200 | 6,210 | 47.9% | 201 | 479 | 545 | 1,225 |
| 39-3031 | Ushers, Lobby Attendants & Ticket Takers | ST OJT | 720 | 1,130 | 56.9% | 42 | 117 | 94 | 253 |
| 39-3091 | Amusement & Recreation Attendants | ST OJT | 2,180 | 3,210 | 47.2% | 103 | 263 | 302 | 668 |
| 39-3092 | Costume Attendants | ST OJT | 40 | 50 | 25.0% | 1 | 4 | 5 | 10 |
| 39-3093 | Locker Room, Coatroom & Dressing Room Attendants | ST OJT | 200 | 260 | 30.0% | 6 | 23 | 26 | 55 |
| 39-4000 | Funeral Service Workers | N/A | 680 | 720 | 5.9% | 4 | 37 | 51 | 92 |
| 39-4011 | Embalmers | #N/A | 10 | 10 | 0.0% | 0 | 0 | 0 | 0 |
| 39-4021 | Funeral Attendants | ST OJT | 420 | 440 | 4.8% | 2 | 24 | 32 | 58 |
| 39-4031 | Morticians, Undertakers & Funeral Directors | AD+ | 260 | 270 | 3.8% | 2 | 13 | 18 | 33 |
| 39-5000 | Personal Appearance Workers | N/A | 16,130 | 22,790 | 41.3% | 666 | 1,008 | 1,064 | 2,738 |
| 39-5012 | Hairdressers, Hairstylists & Cosmetologists | PS | 10,450 | 14,070 | 34.6% | 362 | 649 | 681 | 1,692 |
| 39-5092 | Manicurists & Pedicurists | PS | 3,560 | 5,580 | 56.7% | 202 | 232 | 242 | 676 |
| 39-5094 | Skincare Specialists | PS | 1,140 | 1,760 | 54.4% | 62 | 74 | 76 | 212 |
| 39-6000 | Transportation, Tourism & Lodging Attendants | N/A | 760 | 870 | 14.5% | 10 | 42 | 62 | 114 |
| 39-6011 | Baggage Porters & Bellhops | ST OJT | 390 | 430 | 10.3% | 4 | 21 | 31 | 56 |
| 39-6012 | Concierges | MT OJT | 370 | 440 | 18.9% | 6 | 21 | 31 | 58 |
| 39-7000 | Tour & Travel Guides | N/A | 660 | 720 | 9.1% | 6 | 44 | 64 | 114 |
| 39-7010 | Tour & Travel Guides | MT OJT | 660 | 720 | 9.1% | 6 | 44 | 64 | 114 |
| 39-9000 | Other Personal Care & Service Workers | N/A | 24,180 | 29,290 | 21.1% | 511 | 1,656 | 2,189 | 4,356 |
| 39-9011 | Childcare Workers | ST OJT | 12,160 | 13,720 | 12.8% | 156 | 871 | 904 | 1,931 |
| 39-9031 | Fitness Trainers & Aerobics Instructors | ST OJT | 5,270 | 7,740 | 46.9% | 247 | 381 | 617 | 1,245 |
| 39-9032 | Recreation Workers | ST OJT | 3,810 | 4,320 | 13.4% | 51 | 238 | 386 | 675 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|--|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 41-0000 | Sales & Related Occupations | N/A | 167,330 | 168,100 | 0.5% | 77 | 8,288 | 13,071 | 21,436 |
| 41-1000 | Supervisors - Sales Workers | N/A | 21,740 | 20,980 | -3.5% | -76 | 715 | 1,418 | 2,057 |
| 41-1011 | Supervisors - Retail Sales Workers | WK EXP | 15,360 | 14,850 | -3.3% | -51 | 534 | 1,046 | 1,529 |
| 41-1012 | Supervisors - Non-Retail Sales Workers | WK EXP | 6,390 | 6,130 | -4.1% | -26 | 181 | 372 | 527 |
| 41-2000 | Retail Sales Workers | N/A | 83,890 | 82,090 | -2.1% | -180 | 5,586 | 7,261 | 12,667 |
| 41-2011 | Cashiers | ST OJT | 35,670 | 33,060 | -7.3% | -261 | 2,924 | 3,290 | 5,953 |
| 41-2022 | Parts Salespersons | MT OJT | 2,460 | 2,640 | 7.3% | 18 | 107 | 195 | 320 |
| 41-2031 | Retail Salespersons | ST OJT | 43,420 | 43,850 | 1.0% | 43 | 2,439 | 3,604 | 6,086 |
| 41-3000 | Sales Representatives, Services | N/A | 26,670 | 28,680 | 7.5% | 201 | 751 | 2,076 | 3,028 |
| 41-3011 | Advertising Sales Agents | MT OJT | 1,480 | 1,470 | -0.7% | -1 | 45 | 137 | 181 |
| 41-3021 | Insurance Sales Agents | MT OJT | 5,860 | 6,400 | 9.2% | 54 | 204 | 343 | 601 |
| 41-3031 | Securities, Commodities & Financial Services Sales Agents | BD+ | 6,190 | 6,160 | -0.5% | -2 | 136 | 389 | 523 |
| 41-3041 | Travel Agents | MT OJT | 690 | 730 | 5.8% | 3 | 35 | 47 | 85 |
| 41-3091 | Sales Representatives - Services | MT OJT | 12,450 | 13,920 | 11.8% | 147 | 331 | 1,159 | 1,637 |
| 41-4000 | Sales Representatives, Wholesale & Manufacturing | N/A | 23,210 | 24,230 | 4.4% | 102 | 701 | 1,603 | 2,406 |
| 41-9000 | Other Sales & Related Workers | N/A | 11,830 | 12,120 | 2.5% | 29 | 534 | 713 | 1,276 |
| 41-9011 | Demonstrators & Product Promoters | ST OJT | 760 | 790 | 3.9% | 3 | 86 | 51 | 140 |
| 41-9021 | Real Estate Brokers | WK EXP | 1,240 | 1,320 | 6.5% | 9 | 53 | 56 | 118 |
| 41-9022 | Real Estate Sales Agents | MT OJT | 6,160 | 6,580 | 6.8% | 42 | 265 | 280 | 587 |
| 41-9031 | Sales Engineers | BD+ | 1,310 | 1,390 | 6.1% | 8 | 27 | 111 | 146 |
| 41-9041 | Telemarketers | ST OJT | 1,930 | 1,610 | -16.6% | -31 | 82 | 181 | 232 |
| 41-9099 | Sales & Related Workers, Other | #N/A | 360 | 370 | 2.8% | 1 | 17 | 30 | 48 |
| 43-0000 | Office & Administrative Support Occupations | N/A | 273,790 | 262,570 | -4.1% | -1,122 | 12,939 | 16,574 | 28,391 |
| 43-1000 | Supervisors - Office & Administrative Support Workers | N/A | 22,950 | 22,410 | -2.4% | -54 | 842 | 1,386 | 2,174 |
| 43-1011 | Supervisors - Office & Administrative Support Workers | WK EXP | 22,950 | 22,410 | -2.4% | -54 | 842 | 1,386 | 2,174 |
| 43-2000 | Communications Equipment Operators | N/A | 870 | 670 | -23.0% | -20 | 39 | 45 | 64 |
| 43-2011 | Switchboard Operators | ST OJT | 800 | 610 | -23.8% | -19 | 36 | 41 | 58 |
| 43-3000 | Financial Clerks | N/A | 38,390 | 36,000 | -6.2% | -239 | 1,847 | 2,109 | 3,717 |
| 43-3011 | Bill & Account Collectors | MT OJT | 2,830 | 2,650 | -6.4% | -18 | 100 | 194 | 276 |
| 43-3021 | Billing & Posting Clerks | MT OJT | 7,410 | 7,620 | 2.8% | 21 | 308 | 461 | 790 |
| 43-3031 | Bookkeeping, Accounting & Auditing Clerks | PS+ | 19,470 | 18,960 | -2.6% | -51 | 1,126 | 981 | 2,056 |
| 43-3051 | Payroll & Timekeeping Clerks | MT OJT | 1,970 | 1,740 | -11.7% | -23 | 88 | 101 | 166 |
| 43-3061 | Procurement Clerks | MT OJT | 970 | 930 | -4.1% | -4 | 26 | 60 | 82 |
| 43-3071 | Tellers | ST OJT | 5,590 | 3,920 | -29.9% | -167 | 193 | 299 | 325 |
| 43-4000 | Information & Record Clerks | N/A | 77,170 | 76,270 | -1.2% | -91 | 3,742 | 5,575 | 9,226 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|---|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 43-4011 | Brokerage Clerks | MT OJT | 1,630 | 1,480 | -9.2% | -16 | 64 | 103 | 151 |
| 43-4031 | Court, Municipal & License Clerks | LT OJT | 520 | 550 | 5.8% | 3 | 26 | 27 | 56 |
| 43-4051 | Customer Service Representatives | ST OJT | 41,390 | 40,050 | -3.2% | -134 | 1,914 | 3,202 | 4,982 |
| 43-4061 | Eligibility Interviewers, Government Programs | MT OJT | 4,040 | 4,280 | 5.9% | 24 | 154 | 215 | 393 |
| 43-4071 | File Clerks | ST OJT | 1,800 | 1,560 | -13.3% | -25 | 91 | 104 | 170 |
| 43-4081 | Hotel, Motel & Resort Desk Clerks | ST OJT | 1,250 | 1,340 | 7.2% | 9 | 75 | 137 | 221 |
| 43-4111 | Interviewers | ST OJT | 2,700 | 2,520 | -6.7% | -18 | 151 | 169 | 302 |
| 43-4121 | Library Assistants, Clerical | ST OJT | 1,930 | 1,860 | -3.6% | -7 | 169 | 121 | 283 |
| 43-4131 | Loan Interviewers & Clerks | ST OJT | 1,850 | 1,650 | -10.8% | -20 | 50 | 103 | 133 |
| 43-4141 | New Accounts Clerks | MT OJT | 180 | 130 | -27.8% | -5 | 5 | 10 | 10 |
| 43-4151 | Order Clerks | PS | 1,780 | 1,350 | -24.2% | -43 | 66 | 98 | 121 |
| 43-4161 | Human Resources Assistants | AD | 1,430 | 1,390 | -2.8% | -4 | 54 | 86 | 136 |
| 43-4171 | Receptionists & Information Clerks | ST OJT | 13,900 | 15,260 | 9.8% | 136 | 814 | 1,007 | 1,957 |
| 43-4181 | Reservation & Transportation Ticket Agents & Travel Clerks | ST OJT | 1,580 | 1,670 | 5.7% | 9 | 62 | 116 | 187 |
| 43-4199 | Information & Record Clerks, Other | ST OJT | 1,020 | 1,030 | 1.0% | 1 | 42 | 68 | 111 |
| 43-5000 | Material Recording, Scheduling, Dispatching & Distributing Workers | N/A | 23,180 | 22,150 | -4.4% | -104 | 863 | 1,171 | 1,930 |
| 43-5011 | Cargo & Freight Agents | ST OJT | 1,050 | 1,150 | 9.5% | 10 | 42 | 65 | 117 |
| 43-5021 | Couriers & Messengers | ST OJT | 1,650 | 1,490 | -9.7% | -16 | 64 | 85 | 133 |
| 43-5031 | Police, Fire & Ambulance Dispatchers | MT OJT | 930 | 990 | 6.5% | 6 | 34 | 54 | 94 |
| 43-5032 | Dispatchers | MT OJT | 2,010 | 2,090 | 4.0% | 8 | 72 | 115 | 195 |
| 43-5041 | Meter Readers, Utilities | ST OJT | 250 | 230 | -8.0% | -2 | 7 | 10 | 15 |
| 43-5051 | Postal Service Clerks | ST OJT | 1,070 | 940 | -12.1% | -14 | 46 | 36 | 68 |
| 43-5052 | Postal Service Mail Carriers | ST OJT | 4,240 | 3,710 | -12.5% | -54 | 138 | 143 | 227 |
| 43-5053 | Postal Service Mail Sorters, Processors & Processing Machine Operators | ST OJT | 1,880 | 1,630 | -13.3% | -26 | 96 | 57 | 127 |
| 43-5061 | Production, Planning & Expediting Clerks | MT OJT | 2,880 | 3,060 | 6.2% | 18 | 106 | 193 | 317 |
| 43-5071 | Shipping, Receiving & Traffic Clerks | ST OJT | 6,850 | 6,470 | -5.5% | -38 | 243 | 391 | 596 |
| 43-5111 | Weighers, Measurers, Checkers & Samplers, Recordkeeping | ST OJT | 380 | 410 | 7.9% | 3 | 15 | 22 | 40 |
| 43-6000 | Secretaries & Administrative Assistants | N/A | 46,810 | 43,110 | -7.9% | -370 | 2,288 | 2,511 | 4,429 |
| 43-6011 | Executive Secretaries & Executive Administrative Assistants | WK EXP | 6,340 | 5,170 | -18.5% | -117 | 293 | 321 | 497 |
| 43-6012 | Legal Secretaries | MT OJT | 3,170 | 2,550 | -19.6% | -62 | 145 | 160 | 243 |
| 43-6013 | Medical Secretaries | MT OJT | 6,730 | 7,590 | 12.8% | 86 | 364 | 400 | 850 |
| 43-6014 | Secretaries | ST OJT | 30,580 | 27,810 | -9.1% | -277 | 1,485 | 1,630 | 2,838 |
| 43-9000 | Other Office & Administrative Support Workers | N/A | 64,410 | 61,970 | -3.8% | -244 | 3,319 | 3,778 | 6,853 |
| 43-9021 | Data Entry Keyers | ST OJT | 2,740 | 2,060 | -24.8% | -68 | 107 | 152 | 191 |
| 43-9022 | Word Processors & Typists | ST OJT | 1,720 | 1,110 | -35.5% | -61 | 85 | 77 | 101 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|--|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 43-9041 | Insurance Claims & Policy Processing Clerks | MT OJT | 3,980 | 4,010 | 0.8% | 3 | 141 | 234 | 378 |
| 43-9051 | Mail Clerks & Mail Machine Operators | ST OJT | 1,230 | 1,120 | -8.9% | -11 | 60 | 74 | 123 |
| 43-9061 | Office Clerks, General | ST OJT | 51,900 | 50,880 | -2.0% | -103 | 2,804 | 3,047 | 5,748 |
| 43-9071 | Office Machine Operators | ST OJT | 650 | 540 | -16.9% | -11 | 31 | 36 | 56 |
| 43-9111 | Statistical Assistants | BD | 230 | 250 | 8.7% | 2 | 6 | 22 | 30 |
| 43-9199 | Office & Administrative Support Workers, Other | ST OJT | 1,610 | 1,670 | 3.7% | 6 | 68 | 113 | 187 |
| 45-0000 | Farming, Fishing & Forestry Occupations | N/A | 3,830 | 4,000 | 4.4% | 18 | 162 | 439 | 619 |
| 45-1000 | Supervisors - Farming, Fishing & Forestry Workers | N/A | 510 | 560 | 9.8% | 5 | 20 | 56 | 81 |
| 45-1011 | Farm & Forestry Worker Supervisors | WK EXP | 510 | 560 | 9.8% | 5 | 20 | 56 | 81 |
| 45-2000 | Agricultural Workers | N/A | 3,190 | 3,320 | 4.1% | 13 | 137 | 370 | 520 |
| 45-2011 | Agricultural Inspectors | BD+ | 90 | 90 | 0.0% | 0 | 4 | 10 | 14 |
| 45-2092 | Farmworkers & Laborers, Crop, Nursery & Greenhouse | ST OJT | 1,340 | 1,340 | 0.0% | 0 | 57 | 153 | 210 |
| 45-2093 | Farmworkers, Farm, Ranch & Aquacultural Animals | ST OJT | 540 | 610 | 13.0% | 8 | 24 | 66 | 98 |
| 45-4022 | Logging Equipment Operators | MT OJT | 10 | 10 | 0.0% | 0 | 0 | 1 | 1 |
| 47-0000 | Construction & Extraction Occupations | N/A | 66,590 | 70,300 | 5.6% | 372 | 2,078 | 4,612 | 7,062 |
| 47-1000 | Supervisors - Construction & Extraction Workers | N/A | 6,350 | 6,750 | 6.3% | 41 | 185 | 424 | 650 |
| 47-1011 | Supervisors - Construction Trades & Extraction Workers | WK EXP | 6,350 | 6,750 | 6.3% | 41 | 185 | 424 | 650 |
| 47-2000 | Construction Trades Workers | N/A | 50,080 | 53,030 | 5.9% | 296 | 1,502 | 3,441 | 5,239 |
| 47-2021 | Brickmasons & Blockmasons | LT OJT | 1,100 | 1,060 | -3.6% | -3 | 34 | 66 | 97 |
| 47-2031 | Carpenters | LT OJT | 11,030 | 11,270 | 2.2% | 24 | 325 | 696 | 1,045 |
| 47-2044 | Tile & Marble Setters | LT OJT | 360 | 400 | 11.1% | 4 | 10 | 22 | 36 |
| 47-2051 | Cement Masons & Concrete Finishers | MT OJT | 1,390 | 1,430 | 2.9% | 4 | 34 | 92 | 130 |
| 47-2061 | Construction Laborers | ST OJT | 11,840 | 12,880 | 8.8% | 104 | 365 | 834 | 1,303 |
| 47-2071 | Paving, Surfacing & Tamping Equipment Operators | MT OJT | 210 | 220 | 4.8% | 1 | 7 | 15 | 23 |
| 47-2073 | Operating Engineers & Other Construction Equipment Operators | MT OJT | 3,740 | 3,930 | 5.1% | 20 | 126 | 275 | 421 |
| 47-2081 | Drywall & Ceiling Tile Installers | MT OJT | 730 | 760 | 4.1% | 3 | 18 | 42 | 63 |
| 47-2111 | Electricians | LT OJT | 6,900 | 7,560 | 9.6% | 66 | 210 | 531 | 807 |
| 47-2121 | Glaziers | LT OJT | 180 | 210 | 16.7% | 2 | 5 | 15 | 22 |
| 47-2132 | Insulation Workers, Mechanical | LT OJT | 50 | 50 | 0.0% | 0 | 1 | 3 | 4 |
| 47-2141 | Painters, Construction & Maintenance | MT OJT | 3,280 | 3,450 | 5.2% | 17 | 102 | 186 | 305 |
| 47-2152 | Plumbers, Pipefitters & Steamfitters | LT OJT | 5,110 | 5,390 | 5.5% | 28 | 153 | 377 | 558 |
| 47-2181 | Roofers | MT OJT | 1,610 | 1,760 | 9.3% | 15 | 42 | 118 | 175 |
| 47-2211 | Sheet Metal Workers | LT OJT | 420 | 440 | 4.8% | 2 | 12 | 28 | 42 |
| 47-2221 | Structural Iron & Steel Workers | LT OJT | 540 | 590 | 9.3% | 5 | 15 | 43 | 63 |
| 47-3000 | Helpers, Construction Trades | N/A | 2,350 | 2,390 | 1.7% | 3 | 70 | 207 | 280 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|--|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 47-3011 | Helpers--Brick, Block, Stonemasons, Tile & Marble Setters | ST OJT | 260 | 260 | 0.0% | 0 | 8 | 23 | 31 |
| 47-3012 | Helpers--Carpenters | ST OJT | 600 | 590 | -1.7% | -1 | 17 | 52 | 68 |
| 47-3015 | Helpers--Pipelayers, Plumbers, Pipefitters & Steamfitters | ST OJT | 270 | 280 | 3.7% | 2 | 8 | 24 | 34 |
| 47-3019 | Helpers, Construction Trades, Other | ST OJT | 150 | 160 | 6.7% | 1 | 5 | 14 | 20 |
| 47-4000 | Other Construction & Related Workers | N/A | 7,340 | 7,650 | 4.2% | 31 | 306 | 498 | 835 |
| 47-4011 | Construction & Building Inspectors | WK EXP | 2,370 | 2,370 | 0.0% | -1 | 129 | 143 | 271 |
| 47-4021 | Elevator Installers & Repairers | LT OJT | 260 | 280 | 7.7% | 2 | 6 | 18 | 26 |
| 47-4041 | Hazardous Materials Removal Workers | MT OJT | 610 | 620 | 1.6% | 1 | 23 | 50 | 74 |
| 47-4051 | Highway Maintenance Workers | MT OJT | 2,760 | 2,930 | 6.2% | 17 | 111 | 178 | 306 |
| 47-4071 | Septic Tank Servicers & Sewer Pipe Cleaners | MT OJT | 570 | 640 | 12.3% | 8 | 19 | 50 | 77 |
| 47-4090 | Miscellaneous Construction & Related Workers | MT OJT | 70 | 80 | 14.3% | 1 | 2 | 6 | 9 |
| 47-5000 | Extraction Workers | N/A | 470 | 490 | 4.3% | 1 | 15 | 41 | 57 |
| 47-5022 | Excavating/Loading/Dragline Machine Oprs, Surface Mining | WK EXP | 140 | 140 | 0.0% | 0 | 4 | 12 | 16 |
| 49-0000 | Installation, Maintenance & Repair Occupations | N/A | 64,180 | 68,810 | 7.2% | 463 | 2,081 | 4,223 | 6,767 |
| 49-1000 | Supervisors - Installation, Maintenance & Repair Workers | N/A | 5,540 | 5,920 | 6.9% | 38 | 166 | 341 | 545 |
| 49-1011 | Supervisors - Mechanics, Installers & Repairers | WK EXP | 5,540 | 5,920 | 6.9% | 38 | 166 | 341 | 545 |
| 49-2000 | Electrical & Electronic Equipment Mechanics, Installers & Repairers | N/A | 6,580 | 7,020 | 6.7% | 44 | 208 | 475 | 727 |
| 49-2011 | Computer, Automated Teller & Office Machine Repairers | PS | 1,310 | 1,320 | 0.8% | 1 | 40 | 100 | 141 |
| 49-2022 | Telecommunications Equipment Installers & Repairers | PS+ | 1,760 | 1,950 | 10.8% | 19 | 65 | 142 | 226 |
| 49-2091 | Avionics Technicians | AD | 140 | 150 | 7.1% | 1 | 4 | 6 | 11 |
| 49-2092 | Electric Motor, Power Tool & Related Repairers | WK EXP | 360 | 380 | 5.6% | 2 | 14 | 21 | 37 |
| 49-2094 | Electrical & Electronics Repairers, Commercial & Industrial Equipment | PS+ | 730 | 770 | 5.5% | 5 | 21 | 37 | 63 |
| 49-2095 | Electrical & Electronics Repairers, Powerhouse, Substation & Relay | PS+ | 240 | 240 | 0.0% | 0 | 7 | 12 | 19 |
| 49-2096 | Electronic Equipment Installers & Repairers, Motor Vehicles | #N/A | 30 | 20 | -33.3% | -1 | 1 | 1 | 1 |
| 49-2098 | Security & Fire Alarm Systems Installers | MT OJT | 1,040 | 1,150 | 10.6% | 11 | 26 | 84 | 121 |
| 49-3000 | Vehicle & Mobile Equipment Mechanics, Installers | N/A | 16,660 | 17,640 | 5.9% | 98 | 516 | 1,119 | 1,733 |
| 49-3011 | Aircraft Mechanics & Service Technicians | PS | 1,170 | 1,260 | 7.7% | 9 | 35 | 63 | 107 |
| 49-3021 | Automotive Body & Related Repairers | LT OJT | 2,330 | 2,580 | 10.7% | 26 | 78 | 146 | 250 |
| 49-3023 | Automotive Service Technicians & Mechanics | PS | 7,930 | 8,100 | 2.1% | 18 | 238 | 544 | 800 |
| 49-3031 | Bus & Truck Mechanics & Diesel Engine Specialists | LT OJT | 2,220 | 2,390 | 7.7% | 18 | 65 | 144 | 227 |
| 49-3042 | Mobile Heavy Equipment Mechanics | LT OJT | 1,510 | 1,680 | 11.3% | 16 | 48 | 108 | 172 |
| 49-3043 | Rail Car Repairers | LT OJT | 270 | 270 | 0.0% | 0 | 8 | 18 | 26 |
| 49-3052 | Motorcycle Mechanics | PS | 100 | 100 | 0.0% | 0 | 4 | 6 | 10 |
| 49-3053 | Outdoor Power Equipment & Other Small Engine Mechanics | MT OJT | 160 | 170 | 6.2% | 1 | 7 | 11 | 19 |
| 49-9000 | Other Installation, Maintenance & Repair Occupations | N/A | 35,400 | 38,230 | 8.0% | 283 | 1,191 | 2,289 | 3,763 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|---|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 49-9021 | Heating, A/C & Refrigeration Mechanics & Installers | PS+ | 5,110 | 5,320 | 4.1% | 22 | 134 | 356 | 512 |
| 49-9031 | Home Appliance Repairers | MT OJT | 710 | 740 | 4.2% | 3 | 27 | 42 | 72 |
| 49-9041 | Industrial Machinery Mechanics | LT OJT | 3,860 | 4,600 | 19.2% | 74 | 130 | 228 | 432 |
| 49-9043 | Maintenance Workers, Machinery | LT OJT | 710 | 790 | 11.3% | 7 | 25 | 41 | 73 |
| 49-9044 | Millwrights | LT OJT | 490 | 530 | 8.2% | 4 | 15 | 29 | 48 |
| 49-9051 | Electrical Power-Line Installers & Repairers | LT OJT | 1,050 | 1,090 | 3.8% | 4 | 20 | 72 | 96 |
| 49-9052 | Telecommunications Line Installers & Repairers | LT OJT | 2,030 | 2,230 | 9.9% | 20 | 47 | 180 | 247 |
| 49-9062 | Medical Equipment Repairers | AD+ | 950 | 980 | 3.2% | 4 | 42 | 58 | 104 |
| 49-9063 | Musical Instrument Repairers & Tuners | LT OJT | 190 | 170 | -10.5% | -2 | 8 | 11 | 17 |
| 49-9071 | Maintenance & Repair Workers, General | MT OJT | 16,180 | 17,390 | 7.5% | 121 | 592 | 979 | 1,692 |
| 49-9091 | Coin, Vending & Amusement Machine Servicers & Repairers | ST OJT | 240 | 270 | 12.5% | 3 | 11 | 18 | 32 |
| 49-9094 | Locksmiths & Safe Repairers | LT OJT | 150 | 140 | -6.7% | -1 | 6 | 9 | 14 |
| 49-9096 | Riggers | MT OJT | 70 | 70 | 0.0% | 0 | 2 | 5 | 7 |
| 49-9098 | Helpers--Installation, Maintenance & Repair Workers | ST OJT | 820 | 870 | 6.1% | 5 | 36 | 71 | 112 |
| 49-9099 | Installation, Maintenance & Repair Workers, Other | MT OJT | 1,820 | 1,900 | 4.4% | 8 | 65 | 124 | 197 |
| 51-0000 | Production Occupations | N/A | 77,690 | 77,680 | 0.0% | -1 | 2,961 | 5,524 | 8,484 |
| 51-1000 | Supervisors - Production Workers | N/A | 6,520 | 6,800 | 4.3% | 28 | 200 | 448 | 676 |
| 51-1011 | Supervisors - Production & Operating Workers | WK EXP | 6,520 | 6,800 | 4.3% | 28 | 200 | 448 | 676 |
| 51-2000 | Assemblers & Fabricators | N/A | 13,990 | 12,950 | -7.4% | -104 | 509 | 946 | 1,351 |
| 51-2028 | Electrical, Electronic, & Electromechanical Assemblers | MT OJT | 2,800 | 2,890 | 3.2% | 9 | 114 | 182 | 305 |
| 51-2041 | Structural Metal Fabricators & Fitters | MT OJT | 700 | 630 | -10.0% | -7 | 15 | 53 | 61 |
| 51-2090 | Misc. Assemblers & Fabricators | MT OJT | 9,290 | 8,340 | -10.2% | -96 | 336 | 629 | 869 |
| 51-3000 | Food Processing Workers | N/A | 7,990 | 8,460 | 5.9% | 47 | 393 | 615 | 1,055 |
| 51-3011 | Bakers | LT OJT | 3,200 | 3,540 | 10.6% | 34 | 188 | 252 | 474 |
| 51-3021 | Butchers & Meat Cutters | LT OJT | 1,100 | 1,090 | -0.9% | -1 | 45 | 81 | 125 |
| 51-3022 | Meat, Poultry & Fish Cutters & Trimmers | ST OJT | 1,360 | 1,410 | 3.7% | 5 | 56 | 102 | 163 |
| 51-3023 | Slaughterers & Meat Packers | ST OJT | 1,360 | 1,410 | 3.7% | 6 | 56 | 103 | 165 |
| 51-3091 | Food & Tobacco Roasting, Baking & Drying Machine Operators | MT OJT | 80 | 80 | 0.0% | 0 | 3 | 6 | 9 |
| 51-3092 | Food Batchmakers | MT OJT | 700 | 730 | 4.3% | 3 | 33 | 53 | 89 |
| 51-3093 | Food Cooking Machine Operators | MT OJT | 120 | 130 | 8.3% | 1 | 9 | 12 | 22 |
| 51-3099 | Food Processing Workers, Other | MT OJT | 70 | 80 | 14.3% | 0 | 3 | 5 | 8 |
| 51-4000 | Metal Workers & Plastic Workers | N/A | 12,020 | 12,330 | 2.6% | 32 | 389 | 852 | 1,273 |
| 51-4022 | Forging Machine Operators | MT OJT | 190 | 150 | -21.1% | -4 | 6 | 11 | 13 |
| 51-4031 | Cutting, Punching & Press Machine Operators | MT OJT | 990 | 970 | -2.0% | -2 | 31 | 67 | 96 |
| 51-4033 | Grinding, Lapping, Polishing & Buffing Machine Tool Operators | MT OJT | 450 | 440 | -2.2% | -1 | 20 | 30 | 49 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|---|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 51-4034 | Lathe & Turning Machine Tool Operators | MT OJT | 310 | 290 | -6.5% | -2 | 10 | 20 | 28 |
| 51-4041 | Machinists | LT OJT | 3,060 | 3,260 | 6.5% | 20 | 106 | 215 | 341 |
| 51-4051 | Metal-Refining Furnace Operators | MT OJT | 60 | 60 | 0.0% | 0 | 1 | 4 | 5 |
| 51-4061 | Model Makers | #N/A | 40 | 40 | 0.0% | 0 | 1 | 3 | 4 |
| 51-4072 | Molding, Coremaking & Casting Machine Operators | MT OJT | 580 | 560 | -3.4% | -2 | 18 | 38 | 54 |
| 51-4081 | Multiple Machine Tool Operators | MT OJT | 1,530 | 1,610 | 5.2% | 9 | 51 | 106 | 166 |
| 51-4111 | Tool & Die Makers | PS+ | 480 | 480 | 0.0% | 0 | 18 | 30 | 48 |
| 51-4121 | Welders, Cutters, Solderers & Brazers | MT OJT | 2,570 | 2,790 | 8.6% | 23 | 70 | 211 | 304 |
| 51-4122 | Welding, Soldering & Brazing Machine Operators | MT OJT | 100 | 100 | 0.0% | 0 | 3 | 8 | 11 |
| 51-4191 | Heat Treating Equipment Operators | MT OJT | 170 | 160 | -5.9% | -1 | 5 | 11 | 15 |
| 51-4192 | Layout Workers | MT OJT | 90 | 100 | 11.1% | 0 | 3 | 6 | 9 |
| 51-4193 | Plating & Coating Machine Operators | MT OJT | 250 | 240 | -4.0% | -1 | 8 | 17 | 24 |
| 51-4194 | Tool Grinders, Filers & Sharpeners | MT OJT | 60 | 60 | 0.0% | 0 | 2 | 4 | 6 |
| 51-4199 | Metal Workers & Plastic Workers, Other | MT OJT | 290 | 280 | -3.4% | -1 | 9 | 19 | 27 |
| 51-5100 | Printing Workers | N/A | 3,040 | 2,920 | -3.9% | -12 | 112 | 214 | 314 |
| 51-5111 | Prepress Technician & Workers | PS | 280 | 250 | -10.7% | -3 | 10 | 25 | 32 |
| 51-5112 | Printing Press Operators | MT OJT | 2,460 | 2,410 | -2.0% | -6 | 88 | 171 | 253 |
| 51-5113 | Print Binding & Finishing Workers | MT OJT | 300 | 270 | -10.0% | -3 | 14 | 18 | 29 |
| 51-6000 | Textile, Apparel & Furnishings Workers | N/A | 4,840 | 4,950 | 2.3% | 11 | 297 | 292 | 600 |
| 51-6011 | Laundry & Dry-Cleaning Workers | ST OJT | 1,430 | 1,630 | 14.0% | 20 | 99 | 103 | 222 |
| 51-6021 | Pressers: Textile, Garment & Related Materials | ST OJT | 480 | 450 | -6.2% | -3 | 20 | 28 | 45 |
| 51-6031 | Sewing Machine Operators | ST OJT | 1,440 | 1,400 | -2.8% | -4 | 86 | 75 | 157 |
| 51-6042 | Shoe Machine Operators | ST OJT | 30 | 20 | -33.3% | 0 | 1 | 2 | 3 |
| 51-6052 | Tailors, Dressmakers & Custom Sewers | MT OJT | 560 | 520 | -7.1% | -4 | 43 | 27 | 66 |
| 51-6061 | Textile Bleaching & Dyeing Machine Operators | ST OJT | 50 | 50 | 0.0% | 0 | 3 | 3 | 6 |
| 51-6062 | Textile Cutting Machine Operators | MT OJT | 90 | 100 | 11.1% | 0 | 5 | 6 | 11 |
| 51-6063 | Textile Knitting & Weaving Machine Operators | ST OJT | 380 | 380 | 0.0% | 0 | 20 | 25 | 45 |
| 51-6064 | Textile Winding, Twisting & Drawing Out Machine Operators | MT OJT | 140 | 140 | 0.0% | 0 | 8 | 9 | 17 |
| 51-6092 | Fabric & Apparel Patternmakers | MT OJT | 30 | 30 | 0.0% | 0 | 2 | 2 | 4 |
| 51-7000 | Woodworkers | N/A | 1,670 | 1,800 | 7.8% | 13 | 65 | 114 | 192 |
| 51-7011 | Cabinetmakers & Bench Carpenters | MT OJT | 710 | 770 | 8.5% | 6 | 28 | 41 | 75 |
| 51-7021 | Furniture Finishers | ST OJT | 210 | 230 | 9.5% | 2 | 13 | 16 | 31 |
| 51-7041 | Sawing Machine Operators, Wood | MT OJT | 180 | 190 | 5.6% | 1 | 7 | 14 | 22 |
| 51-7042 | Woodworking Machine Operators | MT OJT | 550 | 590 | 7.3% | 4 | 17 | 41 | 62 |
| 51-8000 | Plant & System Operators | N/A | 3,030 | 3,010 | -0.7% | -2 | 93 | 207 | 298 |

Philadelphia-Camden-Wilmington MSA (PA Counties Only)
Occupational Employment
2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|---|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 51-8013 | Power Plant Operators | LT OJT | 320 | 290 | -9.4% | -3 | 8 | 21 | 26 |
| 51-8021 | Stationary Engineers & Boiler Operators | LT OJT | 610 | 630 | 3.3% | 2 | 30 | 44 | 76 |
| 51-8031 | Water & Wastewater Treatment Plant & System Operators | LT OJT | 1,150 | 1,120 | -2.6% | -4 | 32 | 70 | 98 |
| 51-8099 | Plant & System Operators, Other | #N/A | 50 | 50 | 0.0% | 0 | 1 | 4 | 5 |
| 51-9000 | Other Production Occupations | N/A | 24,590 | 24,450 | -0.6% | -14 | 903 | 1,835 | 2,724 |
| 51-9011 | Chemical Equipment Operators | MT OJT | 2,280 | 2,170 | -4.8% | -11 | 49 | 173 | 211 |
| 51-9022 | Grinding & Polishing Workers, Hand | MT OJT | 380 | 330 | -13.2% | -5 | 12 | 26 | 33 |
| 51-9023 | Mixing & Blending Machine Operators | MT OJT | 690 | 720 | 4.3% | 3 | 24 | 53 | 80 |
| 51-9031 | Cutters & Trimmers, Hand | ST OJT | 140 | 100 | -28.6% | -4 | 5 | 9 | 10 |
| 51-9032 | Cutting & Slicing Machine Operators | MT OJT | 820 | 780 | -4.9% | -3 | 36 | 61 | 94 |
| 51-9051 | Furnace, Kiln, Oven, Drier & Kettle Operators | MT OJT | 100 | 100 | 0.0% | 0 | 4 | 6 | 10 |
| 51-9061 | Inspectors, Testers, Sorters, Samplers & Weighers | MT OJT | 4,380 | 3,850 | -12.1% | -53 | 158 | 326 | 431 |
| 51-9071 | Jewelers & Precious Stone & Metal Workers | LT OJT | 360 | 350 | -2.8% | -1 | 19 | 24 | 42 |
| 51-9081 | Dental Laboratory Technicians | MT OJT | 520 | 550 | 5.8% | 3 | 24 | 44 | 71 |
| 51-9082 | Medical Appliance Technicians | MT OJT | 310 | 350 | 12.9% | 4 | 15 | 27 | 46 |
| 51-9111 | Packaging & Filling Machine Operators | MT OJT | 4,420 | 4,700 | 6.3% | 27 | 188 | 303 | 518 |
| 51-9124 | Coating, Painting & Spraying Machine Setters/Oprs/Tenders | MT OJT | 1,470 | 1,600 | 8.8% | 14 | 42 | 110 | 166 |
| 51-9141 | Semiconductor Processors | MT OJT | 20 | 20 | 0.0% | 0 | 1 | 2 | 3 |
| 51-9151 | Photographic Process Workers & Processing Machine Operators | ST OJT | 100 | 90 | -10.0% | -1 | 4 | 10 | 13 |
| 51-9161 | CNC Tool Operators | MT OJT | 2,240 | 2,210 | -1.3% | -4 | 76 | 164 | 236 |
| 51-9162 | CNC Tool Programmers | PS+ | 230 | 290 | 26.1% | 6 | 9 | 19 | 34 |
| 51-9191 | Adhesive Bonding Machine Operators | MT OJT | 120 | 120 | 0.0% | 0 | 7 | 8 | 15 |
| 51-9192 | Cleaning, Washing & Metal Pickling Equipment Operators | MT OJT | 80 | 80 | 0.0% | 0 | 3 | 6 | 9 |
| 51-9195 | Molders, Shapers & Casters | LT OJT | 490 | 580 | 18.4% | 9 | 19 | 35 | 63 |
| 51-9196 | Paper Goods Machine Operators | MT OJT | 1,030 | 990 | -3.9% | -4 | 45 | 67 | 108 |
| 51-9198 | Helpers--Production Workers | ST OJT | 1,640 | 1,560 | -4.9% | -8 | 75 | 151 | 218 |
| 51-9199 | Production Workers, Other | MT OJT | 1,060 | 1,140 | 7.5% | 8 | 38 | 82 | 128 |
| 53-0000 | Transportation & Material Moving Occupations | N/A | 140,770 | 155,260 | 10.3% | 1,449 | 6,995 | 11,662 | 20,106 |
| 53-1000 | Supervisors - Transportation & Material Moving Workers | N/A | 6,240 | 6,680 | 7.1% | 44 | 236 | 448 | 728 |
| 53-1041 | Aircraft Cargo Handling Supervisors | WK EXP | 240 | 270 | 12.5% | 2 | 9 | 18 | 29 |
| 53-1047 | Supervisors - Transportation & Material Moving Workers | WK EXP | 6,000 | 6,420 | 7.0% | 41 | 227 | 430 | 698 |
| 53-2012 | Commercial Pilots | MT OJT | 80 | 110 | 37.5% | 4 | 3 | 6 | 13 |
| 53-2022 | Airfield Operations Specialists | LT OJT | 100 | 110 | 10.0% | 0 | 3 | 7 | 10 |
| 53-3000 | Motor Vehicle Operators | N/A | 47,560 | 53,920 | 13.4% | 636 | 2,407 | 3,208 | 6,251 |
| 53-3031 | Driver/Sales Workers | ST OJT | 3,140 | 3,740 | 19.1% | 60 | 141 | 233 | 434 |

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2020-2030 Long-Term Projections

| SOC Code | Occupational Title | Educ. Level | Employment Outlook | | | Annual Demand | | | |
|----------------|--|-------------|--------------------|----------------|----------------|-----------------------------|----------------------------|--------------------------------|----------------------------|
| | | | Estimated 2020 | Projected 2030 | Percent Change | Due to Growth ^{1/} | Due to Exits ^{2/} | Due to Transfers ^{3/} | Total Demand ^{4/} |
| 53-3032 | Heavy & Tractor-Trailer Truck Drivers | PS | 17,520 | 18,730 | 6.9% | 121 | 742 | 1,229 | 2,092 |
| 53-3033 | Light Truck or Delivery Services Drivers | ST OJT | 14,980 | 16,770 | 11.9% | 178 | 650 | 1,076 | 1,904 |
| 53-3052 | Bus Drivers, Transit & Intercity | MT OJT | 970 | 1,110 | 14.4% | 14 | 68 | 52 | 134 |
| 53-3058 | Passenger Vehicle Drivers | ST OJT | 10,520 | 13,130 | 24.8% | 262 | 779 | 588 | 1,629 |
| 53-4000 | Rail Transportation Workers | N/A | 1,770 | 1,800 | 1.7% | 3 | 40 | 116 | 159 |
| 53-4013 | Rail Yard Engineers, Dinkey Operators & Hostlers | MT OJT | 70 | 80 | 14.3% | 0 | 2 | 5 | 7 |
| 53-5011 | Sailors & Marine Oilers | MT OJT | 130 | 130 | 0.0% | 0 | 4 | 11 | 15 |
| 53-5021 | Captains, Mates & Pilots of Water Vessels | PS+ | 170 | 170 | 0.0% | 1 | 5 | 12 | 18 |
| 53-6000 | Other Transportation Workers | N/A | 3,430 | 3,660 | 6.7% | 23 | 170 | 339 | 532 |
| 53-6021 | Parking Lot Attendants | ST OJT | 2,190 | 2,310 | 5.5% | 13 | 109 | 233 | 355 |
| 53-6031 | Automotive & Watercraft Service Attendants | ST OJT | 680 | 750 | 10.3% | 7 | 33 | 64 | 104 |
| 53-6041 | Traffic Technicians | MT OJT | 40 | 40 | 0.0% | 0 | 2 | 3 | 5 |
| 53-6051 | Transportation Inspectors | MT OJT | 280 | 280 | 0.0% | 0 | 9 | 20 | 29 |
| 53-6061 | Transportation Attendants | ST OJT | 100 | 130 | 30.0% | 3 | 10 | 6 | 19 |
| 53-7000 | Material Moving Workers | N/A | 77,280 | 84,080 | 8.8% | 680 | 3,916 | 7,226 | 11,822 |
| 53-7021 | Crane & Tower Operators | WK EXP | 360 | 380 | 5.6% | 2 | 10 | 28 | 40 |
| 53-7051 | Industrial Truck & Tractor Operators | ST OJT | 4,040 | 4,380 | 8.4% | 34 | 127 | 323 | 484 |
| 53-7061 | Cleaners of Vehicles & Equipment | ST OJT | 3,920 | 4,380 | 11.7% | 46 | 203 | 369 | 618 |
| 53-7062 | Laborers & Freight, Stock & Material Movers | ST OJT | 34,770 | 38,200 | 9.9% | 343 | 1,597 | 3,175 | 5,115 |
| 53-7063 | Machine Feeders & Offbearers | ST OJT | 380 | 370 | -2.6% | 0 | 21 | 27 | 48 |
| 53-7064 | Packers & Packagers, Hand | ST OJT | 5,950 | 6,210 | 4.4% | 27 | 346 | 492 | 865 |
| 53-7065 | Stockers & Order Fillers | ST OJT | 25,880 | 28,010 | 8.2% | 213 | 1,534 | 2,628 | 4,375 |
| 53-7081 | Refuse & Recyclable Material Collectors | ST OJT | 1,260 | 1,360 | 7.9% | 10 | 56 | 118 | 184 |
| 53-7121 | Tank Car, Truck & Ship Loaders | ST OJT | 200 | 210 | 5.0% | 1 | 6 | 17 | 24 |
| 53-7199 | Material Moving Workers, Other | #N/A | 100 | 110 | 10.0% | 1 | 3 | 9 | 13 |

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.