

APPENDIX D

Annual Supply of Vocational Trained Students and Job Openings through 2022 by Workforce Investment Area

Data on the Supply of Students and Job Openings for the 22 Two-digit Occupations for Each of the
State's 16 Workforce Investment Areas (WIAs)

APPENDIX D

BERKSHIRE WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|----|-------|-------------|--------------|-------------------|-----|-------|-------------------------------|--------------|-------------------|--------|---------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 29 | 8 | 6 | 16 | 58 | 10 | 13 | 6 | 29 | 58 | 291.3% | 59.0% | 95.8% | 55.9% | 101.0% |
| 130000 | Business and Financial Operations Occupations | 12 | 4 | 3 | 7 | 25 | 5 | 7 | 4 | 24 | 41 | 214.6% | 56.9% | 62.2% | 27.1% | 60.5% |
| 150000 | Computer and Mathematical Occupations | 19 | 14 | 11 | 17 | 61 | 1 | 4 | 2 | 11 | 17 | 1411.7% | 410.4% | 707.8% | 159.5% | 359.8% |
| 170000 | Architecture and Engineering Occupations | 12 | 9 | 8 | 11 | 39 | 1 | 2 | 2 | 5 | 10 | 798.0% | 373.8% | 478.0% | 225.0% | 380.8% |
| 190000 | Life, Physical, and Social Science Occupations | 2 | 1 | 1 | 1 | 5 | 0 | 0 | 0 | 0 | 0 | 4554.9% | | | 369.9% | 1753.7% |
| 210000 | Community and Social Service Occupations | 0 | 0 | 0 | 0 | 1 | 7 | 12 | 6 | 19 | 44 | 4.0% | 2.7% | 2.8% | 1.9% | 2.6% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 250000 | Education, Training, and Library Occupations | 4 | 3 | 2 | 6 | 16 | 9 | 15 | 6 | 26 | 56 | 44.4% | 20.7% | 34.1% | 24.5% | 27.8% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 5 | 3 | 2 | 2 | 12 | 0 | 1 | 0 | 3 | 3 | 5259.7% | 409.4% | 1499.0% | 90.8% | 346.0% |
| 290000 | Healthcare Practitioners and Technical Occupations | 2 | 2 | 4 | 4 | 12 | 7 | 20 | 22 | 36 | 85 | 29.0% | 7.7% | 20.1% | 11.9% | 14.4% |
| 310000 | Healthcare Support Occupations | 3 | 2 | 1 | 1 | 7 | 35 | 32 | 11 | 9 | 86 | 8.0% | 5.9% | 13.2% | 8.7% | 7.9% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 3 | 6 | 17 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 350000 | Food Preparation and Serving Related Occupations | 20 | 8 | 3 | 4 | 34 | 125 | 100 | 20 | 35 | 280 | 15.7% | 7.6% | 16.2% | 10.6% | 12.2% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 4 | 2 | 1 | 0 | 7 | 48 | 21 | 5 | 8 | 83 | 8.7% | 7.8% | 13.6% | 5.5% | 8.5% |
| 390000 | Personal Care and Service Occupations | 5 | 2 | 1 | 0 | 8 | 39 | 35 | 8 | 16 | 98 | 12.2% | 4.6% | 10.3% | 3.1% | 7.8% |
| 410000 | Sales and Related Occupations | 10 | 5 | 4 | 4 | 22 | 74 | 75 | 16 | 45 | 210 | 13.1% | 6.4% | 21.9% | 9.5% | 10.6% |
| 430000 | Office and Administrative Support Occupations | 5 | 3 | 1 | 2 | 11 | 78 | 81 | 28 | 50 | 237 | 6.0% | 3.6% | 5.1% | 4.8% | 4.8% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 13 | 4 | 2 | 2 | 21 | 50 | 21 | 5 | 8 | 84 | 26.3% | 18.8% | 38.9% | 22.6% | 24.9% |
| 490000 | Installation, Maintenance, and Repair Occupations | 27 | 9 | 5 | 2 | 43 | 27 | 13 | 5 | 4 | 49 | 97.1% | 67.0% | 119.0% | 56.5% | 87.9% |
| 510000 | Production Occupations | 19 | 5 | 3 | 2 | 28 | 14 | 5 | 2 | 3 | 24 | 134.5% | 87.2% | 167.6% | 61.3% | 117.6% |
| 530000 | Transportation and Material Moving Occupations | 2 | 1 | 0 | 0 | 3 | 29 | 14 | 3 | 4 | 51 | 6.1% | 5.9% | 7.2% | 2.6% | 5.8% |
| TOTAL | ALL OCCUPATIONS | 190 | 83 | 58 | 82 | 413 | 564 | 476 | 153 | 340 | 1,534 | 33.7% | 17.4% | 37.7% | 24.2% | 26.9% |

APPENDIX D

FRANKLIN-HAMPSHIRE WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|----|-------|-------------|--------------|-------------------|-----|-------|-------------------------------|--------------|-------------------|-------|--------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 11 | 3 | 3 | 3 | 19 | 14 | 19 | 9 | 50 | 91 | 76.3% | 13.2% | 33.9% | 6.1% | 20.9% |
| 130000 | Business and Financial Operations Occupations | 4 | 1 | 1 | 1 | 8 | 8 | 11 | 6 | 41 | 65 | 57.2% | 10.7% | 20.0% | 3.3% | 12.3% |
| 150000 | Computer and Mathematical Occupations | 16 | 5 | 4 | 7 | 32 | 3 | 7 | 3 | 19 | 32 | 565.1% | 63.8% | 125.0% | 37.7% | 99.0% |
| 170000 | Architecture and Engineering Occupations | 8 | 2 | 3 | 1 | 14 | 0 | 1 | 1 | 3 | 6 | 1751.1% | 161.7% | 331.2% | 38.5% | 238.4% |
| 190000 | Life, Physical, and Social Science Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | 215.3% | | 6.5% | 78.9% |
| 210000 | Community and Social Service Occupations | 1 | 1 | 0 | 0 | 2 | 7 | 11 | 6 | 22 | 46 | 16.1% | 4.9% | 5.2% | 1.8% | 5.1% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 4 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 250000 | Education, Training, and Library Occupations | 11 | 4 | 4 | 5 | 24 | 21 | 36 | 15 | 71 | 143 | 53.7% | 12.1% | 24.3% | 6.5% | 16.7% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 6 | 3 | 2 | 3 | 14 | 2 | 5 | 1 | 16 | 25 | 267.2% | 51.6% | 178.4% | 21.0% | 57.3% |
| 290000 | Healthcare Practitioners and Technical Occupations | 7 | 2 | 5 | 1 | 16 | 11 | 29 | 31 | 43 | 115 | 59.6% | 7.4% | 17.4% | 3.4% | 13.7% |
| 310000 | Healthcare Support Occupations | 6 | 2 | 2 | 0 | 10 | 40 | 37 | 12 | 10 | 100 | 15.1% | 5.5% | 16.8% | 2.6% | 10.5% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 0 | 4 | 7 | 5 | 9 | 26 | 5.6% | 0.6% | 2.5% | 0.1% | 1.6% |
| 350000 | Food Preparation and Serving Related Occupations | 14 | 4 | 2 | 1 | 21 | 144 | 118 | 25 | 42 | 328 | 10.0% | 3.4% | 9.9% | 1.4% | 6.5% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 13 | 3 | 2 | 0 | 19 | 43 | 20 | 5 | 7 | 75 | 30.9% | 16.7% | 46.9% | 5.3% | 25.9% |
| 390000 | Personal Care and Service Occupations | 14 | 3 | 2 | 0 | 20 | 38 | 34 | 8 | 15 | 96 | 36.7% | 8.6% | 25.8% | 2.6% | 20.4% |
| 410000 | Sales and Related Occupations | 2 | 1 | 1 | 1 | 3 | 88 | 88 | 20 | 62 | 258 | 1.7% | 0.7% | 2.9% | 1.1% | 1.3% |
| 430000 | Office and Administrative Support Occupations | 0 | 0 | 0 | 0 | 1 | 102 | 105 | 35 | 66 | 307 | 0.4% | 0.3% | 0.5% | 0.2% | 0.3% |
| 450000 | Farming, Fishing, and Forestry Occupations | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 25 | 7 | 5 | 1 | 38 | 41 | 17 | 4 | 6 | 68 | 60.3% | 41.8% | 127.8% | 18.3% | 56.0% |
| 490000 | Installation, Maintenance, and Repair Occupations | 24 | 6 | 5 | 0 | 36 | 30 | 14 | 5 | 4 | 53 | 80.3% | 42.3% | 97.9% | 11.7% | 66.8% |
| 510000 | Production Occupations | 28 | 7 | 7 | 2 | 43 | 41 | 21 | 6 | 6 | 74 | 67.0% | 32.0% | 112.4% | 35.6% | 58.2% |
| 530000 | Transportation and Material Moving Occupations | 1 | 0 | 0 | 0 | 2 | 50 | 23 | 6 | 7 | 86 | 2.3% | 1.4% | 2.6% | 0.2% | 1.9% |
| TOTAL | ALL OCCUPATIONS | 192 | 53 | 50 | 29 | 324 | 688 | 605 | 203 | 500 | 1,997 | 27.9% | 8.8% | 24.6% | 5.7% | 16.2% |

APPENDIX D

HAMDEN WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-------|-------|-------------------------------|--------------|-------------------|--------|--------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 17 | 8 | 7 | 13 | 45 | 36 | 47 | 22 | 118 | 223 | 47.6% | 16.0% | 31.1% | 11.2% | 20.0% |
| 130000 | Business and Financial Operations Occupations | 7 | 2 | 2 | 6 | 17 | 17 | 28 | 15 | 103 | 162 | 38.6% | 8.9% | 12.0% | 6.2% | 10.6% |
| 150000 | Computer and Mathematical Occupations | 27 | 13 | 9 | 35 | 84 | 5 | 14 | 7 | 33 | 59 | 515.5% | 94.2% | 139.6% | 103.4% | 142.0% |
| 170000 | Architecture and Engineering Occupations | 26 | 15 | 19 | 22 | 81 | 5 | 8 | 5 | 25 | 44 | 551.5% | 187.0% | 343.8% | 84.9% | 186.7% |
| 190000 | Life, Physical, and Social Science Occupations | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 3 | 6 | 18.8% | 19.5% | 13.0% | 4.3% | 11.2% |
| 210000 | Community and Social Service Occupations | 1 | 1 | 1 | 1 | 4 | 23 | 39 | 19 | 75 | 155 | 6.4% | 2.9% | 3.2% | 1.5% | 2.8% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 1 | 3 | 3 | 7 | 14 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 250000 | Education, Training, and Library Occupations | 13 | 7 | 5 | 15 | 39 | 30 | 49 | 24 | 114 | 217 | 42.5% | 13.6% | 20.8% | 12.7% | 17.9% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 11 | 6 | 5 | 13 | 36 | 6 | 13 | 3 | 30 | 52 | 189.0% | 47.8% | 200.2% | 42.2% | 68.4% |
| 290000 | Healthcare Practitioners and Technical Occupations | 9 | 8 | 19 | 14 | 49 | 33 | 83 | 106 | 171 | 393 | 25.8% | 10.1% | 17.5% | 8.1% | 12.5% |
| 310000 | Healthcare Support Occupations | 13 | 8 | 6 | 2 | 30 | 77 | 82 | 40 | 26 | 226 | 17.3% | 10.1% | 15.6% | 8.2% | 13.3% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 0 | 23 | 35 | 13 | 26 | 97 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 350000 | Food Preparation and Serving Related Occupations | 40 | 16 | 7 | 5 | 68 | 314 | 250 | 48 | 88 | 700 | 12.7% | 6.4% | 15.5% | 5.2% | 9.7% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 27 | 11 | 5 | 3 | 45 | 84 | 35 | 9 | 13 | 141 | 31.6% | 29.6% | 60.4% | 22.1% | 32.1% |
| 390000 | Personal Care and Service Occupations | 33 | 12 | 6 | 2 | 52 | 116 | 106 | 24 | 44 | 290 | 28.6% | 11.0% | 23.6% | 4.7% | 18.1% |
| 410000 | Sales and Related Occupations | 2 | 1 | 1 | 2 | 5 | 202 | 206 | 47 | 156 | 611 | 0.9% | 0.4% | 1.3% | 1.3% | 0.9% |
| 430000 | Office and Administrative Support Occupations | 11 | 8 | 5 | 4 | 29 | 257 | 257 | 88 | 160 | 761 | 4.4% | 3.2% | 5.4% | 2.7% | 3.8% |
| 450000 | Farming, Fishing, and Forestry Occupations | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 39 | 13 | 9 | 3 | 63 | 101 | 42 | 10 | 15 | 169 | 38.4% | 30.6% | 84.0% | 19.4% | 37.5% |
| 490000 | Installation, Maintenance, and Repair Occupations | 75 | 26 | 18 | 4 | 123 | 101 | 50 | 18 | 16 | 185 | 74.6% | 51.7% | 98.4% | 27.1% | 66.7% |
| 510000 | Production Occupations | 49 | 13 | 10 | 3 | 74 | 109 | 46 | 15 | 15 | 185 | 44.6% | 28.2% | 62.7% | 17.9% | 39.9% |
| 530000 | Transportation and Material Moving Occupations | 6 | 3 | 1 | 0 | 11 | 149 | 74 | 18 | 24 | 264 | 4.2% | 3.9% | 5.6% | 2.0% | 4.0% |
| TOTAL | ALL OCCUPATIONS | 407 | 172 | 133 | 146 | 858 | 1,689 | 1,471 | 533 | 1,260 | 4,954 | 24.1% | 11.7% | 25.0% | 11.6% | 17.3% |

APPENDIX D

NORTH CENTRAL WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|----|-------|-------------|--------------|-------------------|-----|-------|-------------------------------|--------------|-------------------|--------|--------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 16 | 6 | 5 | 14 | 42 | 13 | 16 | 7 | 36 | 72 | 127.3% | 40.2% | 70.0% | 39.7% | 58.4% |
| 130000 | Business and Financial Operations Occupations | 5 | 3 | 2 | 4 | 15 | 5 | 6 | 4 | 23 | 38 | 116.4% | 46.9% | 53.5% | 19.4% | 39.3% |
| 150000 | Computer and Mathematical Occupations | 29 | 14 | 10 | 28 | 82 | 1 | 3 | 1 | 8 | 13 | 2676.3% | 517.0% | 797.6% | 340.1% | 609.3% |
| 170000 | Architecture and Engineering Occupations | 14 | 12 | 13 | 11 | 50 | 1 | 2 | 1 | 5 | 8 | 2162.6% | 811.8% | 1006.9% | 233.3% | 609.4% |
| 190000 | Life, Physical, and Social Science Occupations | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | 710.7% | | 46.8% | 226.7% |
| 210000 | Community and Social Service Occupations | 1 | 1 | 0 | 1 | 3 | 9 | 16 | 8 | 28 | 61 | 9.6% | 5.1% | 4.7% | 2.7% | 4.6% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 250000 | Education, Training, and Library Occupations | 8 | 6 | 4 | 9 | 27 | 17 | 25 | 11 | 53 | 105 | 49.9% | 23.2% | 40.3% | 16.4% | 25.9% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 4 | 2 | 2 | 4 | 11 | 2 | 4 | 1 | 8 | 15 | 164.3% | 48.4% | 151.1% | 46.6% | 71.8% |
| 290000 | Healthcare Practitioners and Technical Occupations | 3 | 4 | 14 | 5 | 25 | 7 | 22 | 33 | 51 | 113 | 38.0% | 18.2% | 42.2% | 9.4% | 22.5% |
| 310000 | Healthcare Support Occupations | 7 | 6 | 5 | 1 | 19 | 29 | 32 | 11 | 10 | 82 | 24.2% | 19.2% | 41.0% | 12.5% | 23.2% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 0 | 3 | 4 | 3 | 6 | 15 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 350000 | Food Preparation and Serving Related Occupations | 19 | 9 | 4 | 2 | 34 | 124 | 105 | 20 | 40 | 289 | 15.6% | 8.3% | 17.6% | 6.1% | 11.8% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 2 | 1 | 0 | 0 | 3 | 35 | 17 | 5 | 7 | 63 | 6.3% | 4.6% | 6.3% | 1.7% | 5.3% |
| 390000 | Personal Care and Service Occupations | 12 | 4 | 2 | 1 | 19 | 15 | 19 | 4 | 10 | 48 | 76.2% | 22.9% | 47.9% | 7.5% | 38.8% |
| 410000 | Sales and Related Occupations | 1 | 0 | 0 | 1 | 2 | 94 | 94 | 21 | 61 | 270 | 0.9% | 0.4% | 2.4% | 1.0% | 0.9% |
| 430000 | Office and Administrative Support Occupations | 0 | 0 | 0 | 0 | 1 | 104 | 102 | 35 | 62 | 302 | 0.2% | 0.2% | 0.3% | 0.2% | 0.2% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 35 | 13 | 7 | 3 | 58 | 46 | 19 | 4 | 8 | 78 | 74.9% | 67.1% | 158.2% | 42.0% | 74.4% |
| 490000 | Installation, Maintenance, and Repair Occupations | 31 | 13 | 7 | 2 | 53 | 28 | 13 | 5 | 4 | 50 | 109.2% | 97.0% | 150.0% | 59.1% | 106.1% |
| 510000 | Production Occupations | 28 | 9 | 6 | 2 | 46 | 67 | 30 | 10 | 11 | 118 | 42.5% | 31.0% | 62.4% | 20.7% | 39.2% |
| 530000 | Transportation and Material Moving Occupations | 1 | 1 | 0 | 0 | 2 | 68 | 31 | 8 | 10 | 117 | 2.0% | 2.4% | 2.5% | 0.8% | 2.1% |
| TOTAL | ALL OCCUPATIONS | 217 | 105 | 82 | 89 | 494 | 668 | 558 | 192 | 439 | 1,858 | 32.5% | 18.9% | 42.6% | 20.3% | 26.6% |

APPENDIX D

CENTRAL WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-------|-------|-------------------------------|--------------|-------------------|--------|--------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 71 | 23 | 18 | 48 | 161 | 41 | 58 | 27 | 149 | 275 | 173.1% | 40.5% | 65.9% | 32.6% | 58.6% |
| 130000 | Business and Financial Operations Occupations | 35 | 12 | 7 | 23 | 78 | 25 | 41 | 22 | 155 | 243 | 138.9% | 29.3% | 32.8% | 15.0% | 32.0% |
| 150000 | Computer and Mathematical Occupations | 66 | 35 | 27 | 77 | 204 | 10 | 32 | 14 | 107 | 163 | 632.6% | 108.4% | 191.6% | 71.7% | 124.7% |
| 170000 | Architecture and Engineering Occupations | 37 | 32 | 28 | 43 | 141 | 10 | 15 | 9 | 39 | 73 | 384.3% | 220.2% | 303.4% | 109.8% | 193.6% |
| 190000 | Life, Physical, and Social Science Occupations | 4 | 1 | 1 | 3 | 9 | 1 | 2 | 2 | 22 | 28 | 308.3% | 67.1% | 35.2% | 11.4% | 30.7% |
| 210000 | Community and Social Service Occupations | 4 | 3 | 2 | 2 | 11 | 23 | 40 | 20 | 84 | 167 | 16.4% | 7.7% | 7.8% | 2.9% | 6.5% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 6 | 12 | 5.9% | 0.5% | 1.1% | 0.9% | 1.4% |
| 250000 | Education, Training, and Library Occupations | 32 | 19 | 17 | 26 | 94 | 40 | 70 | 32 | 155 | 297 | 79.6% | 27.3% | 53.1% | 16.7% | 31.6% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 72 | 34 | 19 | 43 | 168 | 10 | 23 | 5 | 39 | 78 | 715.4% | 148.4% | 357.8% | 108.6% | 215.4% |
| 290000 | Healthcare Practitioners and Technical Occupations | 14 | 16 | 31 | 22 | 83 | 50 | 127 | 149 | 238 | 565 | 28.0% | 12.8% | 20.4% | 9.4% | 14.7% |
| 310000 | Healthcare Support Occupations | 24 | 19 | 11 | 5 | 58 | 106 | 107 | 43 | 33 | 290 | 22.6% | 17.3% | 26.0% | 14.4% | 20.2% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 0 | 31 | 43 | 18 | 41 | 132 | 0.3% | 0.3% | 1.4% | 0.0% | 0.4% |
| 350000 | Food Preparation and Serving Related Occupations | 37 | 17 | 6 | 6 | 67 | 313 | 215 | 50 | 77 | 655 | 11.9% | 8.1% | 11.8% | 7.9% | 10.2% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 2 | 1 | 0 | 0 | 3 | 114 | 48 | 12 | 17 | 192 | 1.6% | 1.1% | 1.8% | 0.6% | 1.4% |
| 390000 | Personal Care and Service Occupations | 31 | 14 | 5 | 3 | 53 | 100 | 86 | 22 | 38 | 246 | 31.4% | 15.8% | 22.4% | 7.9% | 21.5% |
| 410000 | Sales and Related Occupations | 26 | 13 | 9 | 13 | 61 | 258 | 263 | 60 | 199 | 779 | 10.1% | 4.8% | 15.3% | 6.6% | 7.8% |
| 430000 | Office and Administrative Support Occupations | 16 | 14 | 7 | 7 | 43 | 331 | 331 | 112 | 205 | 979 | 4.7% | 4.1% | 6.2% | 3.5% | 4.4% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 2 | 25.9% | 17.9% | 68.0% | 11.7% | 24.6% |
| 470000 | Construction and Extraction Occupations | 58 | 23 | 10 | 6 | 97 | 144 | 58 | 22 | 22 | 246 | 40.6% | 38.7% | 46.2% | 28.2% | 39.6% |
| 490000 | Installation, Maintenance, and Repair Occupations | 83 | 34 | 18 | 6 | 141 | 114 | 56 | 21 | 17 | 209 | 72.7% | 60.7% | 82.8% | 36.4% | 67.5% |
| 510000 | Production Occupations | 49 | 15 | 8 | 4 | 76 | 128 | 55 | 17 | 20 | 219 | 38.5% | 27.4% | 46.5% | 19.1% | 34.6% |
| 530000 | Transportation and Material Moving Occupations | 6 | 3 | 1 | 0 | 11 | 177 | 84 | 19 | 25 | 306 | 3.5% | 3.8% | 4.6% | 1.7% | 3.5% |
| TOTAL | ALL OCCUPATIONS | 668 | 329 | 224 | 338 | 1,559 | 2,029 | 1,757 | 681 | 1,689 | 6,156 | 32.9% | 18.7% | 32.9% | 20.0% | 25.3% |

APPENDIX D

GREATER LOWELL WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-----|-------|-------------------------------|--------------|-------------------|--------|--------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 65 | 21 | 18 | 32 | 136 | 20 | 29 | 13 | 83 | 145 | 321.7% | 72.0% | 140.8% | 38.9% | 94.2% |
| 130000 | Business and Financial Operations Occupations | 40 | 11 | 7 | 21 | 79 | 15 | 24 | 12 | 87 | 138 | 271.1% | 46.5% | 57.1% | 24.2% | 57.5% |
| 150000 | Computer and Mathematical Occupations | 42 | 22 | 15 | 46 | 126 | 8 | 28 | 12 | 96 | 144 | 501.7% | 79.6% | 132.3% | 48.2% | 87.7% |
| 170000 | Architecture and Engineering Occupations | 31 | 26 | 28 | 27 | 113 | 13 | 18 | 12 | 54 | 97 | 244.5% | 142.7% | 235.4% | 51.0% | 116.6% |
| 190000 | Life, Physical, and Social Science Occupations | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 1 | 8 | 12 | 28.8% | 22.3% | 13.8% | 2.9% | 9.3% |
| 210000 | Community and Social Service Occupations | 2 | 2 | 1 | 1 | 7 | 6 | 10 | 6 | 15 | 37 | 41.6% | 18.2% | 17.0% | 8.3% | 17.7% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 5 | 9 | 20.7% | 1.8% | 4.5% | 2.2% | 4.5% |
| 250000 | Education, Training, and Library Occupations | 25 | 11 | 9 | 17 | 61 | 14 | 25 | 12 | 57 | 108 | 176.1% | 43.1% | 76.3% | 29.1% | 56.7% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 38 | 20 | 10 | 29 | 97 | 4 | 8 | 2 | 12 | 26 | 913.5% | 247.9% | 649.6% | 240.3% | 375.7% |
| 290000 | Healthcare Practitioners and Technical Occupations | 16 | 17 | 36 | 21 | 90 | 12 | 35 | 39 | 54 | 139 | 132.6% | 49.4% | 93.8% | 38.5% | 64.6% |
| 310000 | Healthcare Support Occupations | 21 | 17 | 13 | 3 | 54 | 29 | 28 | 10 | 7 | 74 | 71.5% | 62.8% | 129.7% | 42.7% | 73.1% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 0 | 12 | 18 | 8 | 15 | 53 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 350000 | Food Preparation and Serving Related Occupations | 37 | 18 | 7 | 4 | 67 | 135 | 109 | 21 | 35 | 300 | 27.6% | 16.3% | 35.0% | 11.8% | 22.2% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 0 | 0 | 0 | 0 | 0 | 34 | 14 | 4 | 6 | 57 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 390000 | Personal Care and Service Occupations | 33 | 12 | 5 | 2 | 52 | 51 | 45 | 10 | 19 | 125 | 64.1% | 26.1% | 54.0% | 9.7% | 41.4% |
| 410000 | Sales and Related Occupations | 28 | 11 | 8 | 12 | 59 | 100 | 102 | 24 | 91 | 317 | 28.1% | 11.1% | 32.4% | 13.1% | 18.7% |
| 430000 | Office and Administrative Support Occupations | 8 | 7 | 5 | 4 | 24 | 122 | 120 | 38 | 73 | 353 | 6.9% | 6.1% | 12.6% | 5.6% | 6.9% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 72 | 26 | 15 | 6 | 119 | 82 | 34 | 10 | 10 | 137 | 87.2% | 76.6% | 154.6% | 54.9% | 86.9% |
| 490000 | Installation, Maintenance, and Repair Occupations | 77 | 30 | 17 | 5 | 129 | 41 | 22 | 8 | 7 | 79 | 186.6% | 136.7% | 206.1% | 65.2% | 164.0% |
| 510000 | Production Occupations | 50 | 16 | 11 | 4 | 81 | 38 | 15 | 5 | 5 | 64 | 131.0% | 109.2% | 206.0% | 69.6% | 126.9% |
| 530000 | Transportation and Material Moving Occupations | 4 | 2 | 1 | 0 | 7 | 84 | 39 | 9 | 12 | 143 | 5.0% | 5.5% | 7.5% | 2.0% | 5.1% |
| TOTAL | ALL OCCUPATIONS | 591 | 271 | 208 | 235 | 1,304 | 823 | 727 | 256 | 751 | 2,557 | 71.8% | 37.2% | 81.1% | 31.2% | 51.0% |

APPENDIX D

LOWER MERRIMACK VALLEY WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-----|-------|-------------------------------|--------------|-------------------|--------|--------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 24 | 10 | 9 | 15 | 58 | 24 | 32 | 14 | 84 | 154 | 101.1% | 31.4% | 60.4% | 17.8% | 37.5% |
| 130000 | Business and Financial Operations Occupations | 22 | 7 | 5 | 12 | 46 | 16 | 24 | 12 | 73 | 125 | 137.8% | 30.5% | 38.5% | 16.7% | 37.0% |
| 150000 | Computer and Mathematical Occupations | 15 | 9 | 7 | 13 | 43 | 7 | 21 | 9 | 66 | 104 | 213.6% | 40.4% | 70.3% | 19.1% | 41.4% |
| 170000 | Architecture and Engineering Occupations | 13 | 14 | 17 | 17 | 60 | 8 | 14 | 10 | 33 | 65 | 156.1% | 104.3% | 174.0% | 49.7% | 92.8% |
| 190000 | Life, Physical, and Social Science Occupations | 6 | 1 | 2 | 3 | 12 | 0 | 0 | 0 | 4 | 4 | 187.2% | 807.4% | 93.8% | 295.9% | |
| 210000 | Community and Social Service Occupations | 2 | 2 | 1 | 1 | 7 | 10 | 17 | 9 | 35 | 71 | 19.3% | 12.6% | 12.7% | 4.0% | 9.3% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 4 | 8 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 250000 | Education, Training, and Library Occupations | 16 | 13 | 11 | 12 | 51 | 23 | 38 | 19 | 85 | 166 | 66.7% | 33.1% | 56.4% | 14.2% | 30.8% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 6 | 4 | 2 | 6 | 17 | 3 | 5 | 1 | 9 | 18 | 229.1% | 68.0% | 203.9% | 59.3% | 94.2% |
| 290000 | Healthcare Practitioners and Technical Occupations | 3 | 9 | 29 | 13 | 53 | 20 | 56 | 70 | 109 | 255 | 16.4% | 16.0% | 40.9% | 11.5% | 20.9% |
| 310000 | Healthcare Support Occupations | 12 | 12 | 10 | 3 | 37 | 40 | 41 | 15 | 11 | 107 | 30.3% | 30.5% | 67.9% | 23.5% | 35.0% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 0 | 4 | 5 | 3 | 7 | 19 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 350000 | Food Preparation and Serving Related Occupations | 28 | 15 | 7 | 4 | 54 | 196 | 161 | 30 | 53 | 439 | 14.1% | 9.5% | 22.9% | 8.4% | 12.3% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 0 | 0 | 0 | 0 | 0 | 27 | 13 | 3 | 6 | 48 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 390000 | Personal Care and Service Occupations | 20 | 9 | 4 | 1 | 34 | 56 | 52 | 13 | 24 | 145 | 35.3% | 16.5% | 34.4% | 5.5% | 23.6% |
| 410000 | Sales and Related Occupations | 14 | 6 | 4 | 7 | 31 | 99 | 101 | 23 | 81 | 304 | 14.2% | 6.3% | 18.3% | 8.3% | 10.3% |
| 430000 | Office and Administrative Support Occupations | 4 | 3 | 2 | 1 | 10 | 163 | 165 | 57 | 104 | 489 | 2.2% | 2.0% | 4.2% | 0.8% | 2.1% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 38 | 17 | 11 | 3 | 69 | 74 | 30 | 7 | 11 | 122 | 50.7% | 57.0% | 151.2% | 30.9% | 56.6% |
| 490000 | Installation, Maintenance, and Repair Occupations | 45 | 23 | 15 | 3 | 86 | 43 | 20 | 7 | 6 | 77 | 104.9% | 113.3% | 199.7% | 58.5% | 112.6% |
| 510000 | Production Occupations | 29 | 12 | 8 | 3 | 51 | 72 | 33 | 9 | 10 | 123 | 40.9% | 35.7% | 85.0% | 27.7% | 41.7% |
| 530000 | Transportation and Material Moving Occupations | 2 | 1 | 0 | 0 | 4 | 77 | 35 | 8 | 11 | 131 | 2.8% | 4.0% | 5.3% | 1.0% | 3.1% |
| TOTAL | ALL OCCUPATIONS | 299 | 167 | 143 | 117 | 726 | 962 | 866 | 322 | 825 | 2,975 | 31.0% | 19.3% | 44.5% | 14.1% | 24.4% |

APPENDIX D

NORTH SHORE WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-------|-------|-------------------------------|--------------|-------------------|-------|--------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 28 | 10 | 9 | 19 | 67 | 35 | 49 | 22 | 124 | 230 | 79.5% | 20.7% | 41.7% | 15.7% | 29.0% |
| 130000 | Business and Financial Operations Occupations | 17 | 5 | 4 | 14 | 40 | 14 | 22 | 11 | 87 | 134 | 125.9% | 24.0% | 35.2% | 16.0% | 30.1% |
| 150000 | Computer and Mathematical Occupations | 23 | 11 | 8 | 19 | 62 | 3 | 9 | 4 | 28 | 44 | 669.4% | 125.0% | 221.7% | 67.7% | 138.9% |
| 170000 | Architecture and Engineering Occupations | 11 | 6 | 8 | 15 | 41 | 8 | 12 | 8 | 22 | 50 | 134.8% | 53.9% | 106.9% | 68.7% | 81.9% |
| 190000 | Life, Physical, and Social Science Occupations | 0 | 2 | 1 | 8 | 12 | 1 | 1 | 1 | 9 | 12 | 48.2% | 160.1% | 121.7% | 93.1% | 98.8% |
| 210000 | Community and Social Service Occupations | 2 | 2 | 1 | 2 | 7 | 19 | 31 | 18 | 61 | 128 | 12.8% | 6.0% | 6.2% | 2.5% | 5.3% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 6 | 23.1% | 2.1% | 6.1% | 4.2% | 6.1% |
| 250000 | Education, Training, and Library Occupations | 32 | 20 | 19 | 26 | 98 | 26 | 41 | 20 | 87 | 174 | 123.2% | 49.6% | 95.5% | 30.5% | 56.2% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 36 | 18 | 11 | 28 | 92 | 6 | 14 | 3 | 30 | 53 | 566.2% | 126.7% | 359.4% | 92.4% | 172.8% |
| 290000 | Healthcare Practitioners and Technical Occupations | 6 | 9 | 11 | 9 | 35 | 21 | 61 | 78 | 127 | 287 | 30.0% | 14.4% | 14.4% | 6.9% | 12.2% |
| 310000 | Healthcare Support Occupations | 5 | 7 | 5 | 2 | 19 | 82 | 78 | 27 | 25 | 211 | 6.5% | 8.4% | 19.7% | 6.4% | 8.9% |
| 330000 | Protective Service Occupations | 2 | 2 | 4 | 2 | 11 | 22 | 38 | 14 | 32 | 107 | 10.6% | 6.2% | 27.7% | 5.8% | 9.9% |
| 350000 | Food Preparation and Serving Related Occupations | 94 | 43 | 24 | 10 | 171 | 322 | 281 | 50 | 98 | 751 | 29.1% | 15.4% | 48.5% | 10.2% | 22.8% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 15 | 10 | 5 | 4 | 34 | 53 | 24 | 7 | 9 | 93 | 29.1% | 40.5% | 76.5% | 47.4% | 37.2% |
| 390000 | Personal Care and Service Occupations | 25 | 13 | 7 | 7 | 51 | 84 | 72 | 16 | 32 | 205 | 29.3% | 17.3% | 41.0% | 20.8% | 24.7% |
| 410000 | Sales and Related Occupations | 14 | 6 | 5 | 10 | 35 | 230 | 235 | 53 | 169 | 686 | 6.0% | 2.5% | 10.4% | 6.0% | 5.1% |
| 430000 | Office and Administrative Support Occupations | 2 | 1 | 1 | 1 | 5 | 222 | 222 | 69 | 131 | 644 | 0.9% | 0.6% | 1.2% | 0.5% | 0.7% |
| 450000 | Farming, Fishing, and Forestry Occupations | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 27 | 10 | 7 | 2 | 47 | 84 | 37 | 9 | 14 | 145 | 32.6% | 27.8% | 76.3% | 16.2% | 32.6% |
| 490000 | Installation, Maintenance, and Repair Occupations | 45 | 17 | 12 | 2 | 76 | 57 | 28 | 11 | 7 | 104 | 78.9% | 60.2% | 106.1% | 34.7% | 73.6% |
| 510000 | Production Occupations | 14 | 4 | 3 | 1 | 22 | 89 | 37 | 13 | 13 | 152 | 15.9% | 10.4% | 20.2% | 6.5% | 14.2% |
| 530000 | Transportation and Material Moving Occupations | 3 | 1 | 0 | 0 | 5 | 110 | 53 | 13 | 17 | 192 | 2.7% | 2.7% | 3.6% | 0.7% | 2.6% |
| TOTAL | ALL OCCUPATIONS | 404 | 199 | 148 | 182 | 932 | 1,490 | 1,347 | 449 | 1,123 | 4,410 | 27.1% | 14.8% | 32.9% | 16.2% | 21.1% |

APPENDIX D

BOSTON WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-------|--------|-------------------------------|--------------|-------------------|------|-------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 19 | 6 | 5 | 12 | 42 | 151 | 209 | 100 | 574 | 1,034 | 12.5% | 3.0% | 5.1% | 2.0% | 4.1% |
| 130000 | Business and Financial Operations Occupations | 17 | 5 | 3 | 12 | 36 | 114 | 228 | 109 | 1,068 | 1,519 | 14.8% | 2.2% | 2.5% | 1.1% | 2.4% |
| 150000 | Computer and Mathematical Occupations | 31 | 15 | 8 | 22 | 76 | 47 | 136 | 58 | 436 | 677 | 65.8% | 10.9% | 14.5% | 5.1% | 11.3% |
| 170000 | Architecture and Engineering Occupations | 10 | 6 | 6 | 5 | 26 | 9 | 22 | 14 | 114 | 160 | 102.3% | 25.1% | 39.4% | 4.3% | 16.0% |
| 190000 | Life, Physical, and Social Science Occupations | 0 | 0 | 0 | 0 | 1 | 18 | 37 | 16 | 113 | 185 | 1.4% | 0.6% | 0.5% | 0.1% | 0.4% |
| 210000 | Community and Social Service Occupations | 1 | 1 | 0 | 1 | 3 | 40 | 74 | 41 | 170 | 325 | 2.8% | 1.2% | 1.0% | 0.3% | 0.9% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 9 | 17 | 18 | 49 | 93 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 250000 | Education, Training, and Library Occupations | 6 | 2 | 1 | 4 | 14 | 39 | 75 | 32 | 111 | 257 | 14.7% | 3.3% | 3.8% | 3.9% | 5.3% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 27 | 13 | 8 | 18 | 66 | 32 | 79 | 26 | 202 | 338 | 85.1% | 16.6% | 32.1% | 8.7% | 19.6% |
| 290000 | Healthcare Practitioners and Technical Occupations | 15 | 10 | 24 | 13 | 62 | 107 | 255 | 381 | 674 | 1,417 | 14.1% | 3.9% | 6.2% | 1.9% | 4.4% |
| 310000 | Healthcare Support Occupations | 14 | 11 | 8 | 2 | 34 | 137 | 168 | 67 | 46 | 419 | 10.1% | 6.6% | 11.3% | 3.8% | 8.2% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 0 | 78 | 119 | 28 | 79 | 304 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 350000 | Food Preparation and Serving Related Occupations | 11 | 5 | 2 | 1 | 19 | 778 | 652 | 119 | 230 | 1,778 | 1.4% | 0.8% | 1.7% | 0.4% | 1.1% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 2 | 1 | 0 | 0 | 3 | 98 | 36 | 9 | 17 | 161 | 2.3% | 2.1% | 3.1% | 0.5% | 2.1% |
| 390000 | Personal Care and Service Occupations | 10 | 4 | 2 | 1 | 16 | 167 | 158 | 32 | 63 | 421 | 5.8% | 2.7% | 4.9% | 0.8% | 3.8% |
| 410000 | Sales and Related Occupations | 15 | 6 | 4 | 9 | 33 | 338 | 373 | 94 | 433 | 1,238 | 4.4% | 1.5% | 3.8% | 2.0% | 2.7% |
| 430000 | Office and Administrative Support Occupations | 7 | 5 | 3 | 2 | 17 | 631 | 674 | 239 | 450 | 1,994 | 1.1% | 0.8% | 1.2% | 0.4% | 0.8% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 8 | 3 | 2 | 1 | 13 | 183 | 79 | 22 | 30 | 315 | 4.5% | 3.7% | 7.5% | 1.7% | 4.3% |
| 490000 | Installation, Maintenance, and Repair Occupations | 24 | 10 | 5 | 1 | 39 | 139 | 87 | 30 | 28 | 284 | 17.0% | 11.1% | 17.0% | 3.9% | 13.9% |
| 510000 | Production Occupations | 21 | 7 | 4 | 1 | 33 | 60 | 31 | 10 | 13 | 114 | 34.2% | 22.3% | 41.2% | 7.7% | 28.6% |
| 530000 | Transportation and Material Moving Occupations | 10 | 5 | 2 | 1 | 18 | 296 | 175 | 45 | 76 | 592 | 3.5% | 2.7% | 3.6% | 1.5% | 3.0% |
| TOTAL | ALL OCCUPATIONS | 247 | 115 | 86 | 104 | 551 | 3,472 | 3,685 | 1,491 | 4,976 | 13,623 | 7.1% | 3.1% | 5.8% | 2.1% | 4.0% |

APPENDIX D

METRO NORTH WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-------|--------|-------------------------------|--------------|-------------------|-------|-------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 19 | 7 | 6 | 13 | 45 | 97 | 139 | 62 | 397 | 695 | 19.6% | 5.0% | 9.4% | 3.2% | 6.4% |
| 130000 | Business and Financial Operations Occupations | 13 | 4 | 3 | 10 | 30 | 56 | 95 | 48 | 390 | 590 | 22.5% | 4.3% | 5.6% | 2.6% | 5.0% |
| 150000 | Computer and Mathematical Occupations | 23 | 12 | 8 | 22 | 65 | 50 | 134 | 57 | 435 | 675 | 45.1% | 8.8% | 14.5% | 5.1% | 9.6% |
| 170000 | Architecture and Engineering Occupations | 25 | 17 | 19 | 19 | 79 | 29 | 48 | 30 | 178 | 284 | 86.4% | 35.1% | 62.6% | 10.4% | 27.7% |
| 190000 | Life, Physical, and Social Science Occupations | 3 | 0 | 1 | 3 | 8 | 13 | 23 | 12 | 125 | 173 | 25.6% | 1.7% | 9.1% | 2.2% | 4.3% |
| 210000 | Community and Social Service Occupations | 1 | 1 | 0 | 1 | 3 | 23 | 40 | 19 | 76 | 158 | 5.3% | 2.3% | 2.4% | 1.1% | 2.2% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 2 | 7 | 12 | 6.8% | 0.7% | 2.1% | 1.4% | 1.9% |
| 250000 | Education, Training, and Library Occupations | 14 | 7 | 5 | 13 | 39 | 43 | 81 | 38 | 152 | 315 | 32.7% | 8.4% | 13.5% | 8.6% | 12.4% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 12 | 6 | 4 | 9 | 31 | 18 | 41 | 13 | 100 | 173 | 64.7% | 14.0% | 32.4% | 9.4% | 18.1% |
| 290000 | Healthcare Practitioners and Technical Occupations | 7 | 6 | 18 | 10 | 41 | 55 | 133 | 134 | 254 | 576 | 13.0% | 4.4% | 13.3% | 4.1% | 7.1% |
| 310000 | Healthcare Support Occupations | 11 | 8 | 6 | 2 | 26 | 94 | 99 | 51 | 31 | 276 | 11.6% | 7.8% | 11.1% | 5.5% | 9.5% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 0 | 45 | 74 | 31 | 55 | 205 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 350000 | Food Preparation and Serving Related Occupations | 31 | 14 | 6 | 3 | 54 | 557 | 475 | 87 | 168 | 1,287 | 5.5% | 2.9% | 7.4% | 1.9% | 4.2% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 0 | 0 | 0 | 0 | 0 | 138 | 60 | 15 | 19 | 233 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 390000 | Personal Care and Service Occupations | 22 | 7 | 3 | 1 | 34 | 154 | 130 | 30 | 54 | 369 | 14.4% | 5.5% | 10.8% | 2.6% | 9.2% |
| 410000 | Sales and Related Occupations | 5 | 2 | 2 | 3 | 12 | 383 | 395 | 92 | 346 | 1,215 | 1.4% | 0.5% | 1.8% | 1.0% | 1.0% |
| 430000 | Office and Administrative Support Occupations | 10 | 8 | 5 | 4 | 27 | 487 | 481 | 162 | 300 | 1,430 | 2.2% | 1.6% | 3.0% | 1.3% | 1.9% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 46 | 15 | 8 | 4 | 73 | 233 | 99 | 27 | 37 | 396 | 19.6% | 15.4% | 30.4% | 10.5% | 18.5% |
| 490000 | Installation, Maintenance, and Repair Occupations | 60 | 22 | 12 | 3 | 97 | 162 | 81 | 29 | 24 | 296 | 36.8% | 26.8% | 41.9% | 13.8% | 32.7% |
| 510000 | Production Occupations | 24 | 8 | 5 | 2 | 39 | 137 | 58 | 22 | 20 | 237 | 17.7% | 13.2% | 23.7% | 10.6% | 16.6% |
| 530000 | Transportation and Material Moving Occupations | 4 | 2 | 1 | 0 | 7 | 239 | 115 | 28 | 36 | 418 | 1.8% | 1.8% | 2.2% | 0.8% | 1.7% |
| TOTAL | ALL OCCUPATIONS | 330 | 145 | 112 | 123 | 710 | 3,014 | 2,804 | 992 | 3,204 | 10,013 | 10.9% | 5.2% | 11.3% | 3.8% | 7.1% |

APPENDIX D

METRO SOUTH WEST WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-------|--------|-------------------------------|--------------|-------------------|-------|-------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 82 | 25 | 18 | 55 | 179 | 121 | 172 | 78 | 498 | 869 | 67.5% | 14.3% | 22.6% | 11.0% | 20.5% |
| 130000 | Business and Financial Operations Occupations | 54 | 17 | 10 | 29 | 110 | 88 | 150 | 73 | 611 | 921 | 61.6% | 11.3% | 13.2% | 4.7% | 11.9% |
| 150000 | Computer and Mathematical Occupations | 68 | 46 | 30 | 69 | 214 | 62 | 182 | 76 | 643 | 964 | 109.6% | 25.0% | 39.6% | 10.8% | 22.2% |
| 170000 | Architecture and Engineering Occupations | 34 | 34 | 32 | 38 | 139 | 41 | 66 | 46 | 210 | 363 | 83.0% | 52.1% | 70.2% | 18.3% | 38.3% |
| 190000 | Life, Physical, and Social Science Occupations | 4 | 3 | 2 | 18 | 28 | 7 | 15 | 7 | 76 | 104 | 59.6% | 23.8% | 36.6% | 23.4% | 26.8% |
| 210000 | Community and Social Service Occupations | 3 | 3 | 1 | 3 | 10 | 29 | 50 | 25 | 93 | 198 | 11.2% | 6.0% | 5.5% | 2.9% | 5.3% |
| 230000 | Legal Occupations | 1 | 0 | 0 | 0 | 2 | 3 | 5 | 5 | 13 | 27 | 36.1% | 3.2% | 7.5% | 3.5% | 7.7% |
| 250000 | Education, Training, and Library Occupations | 65 | 31 | 24 | 48 | 167 | 84 | 154 | 75 | 318 | 630 | 77.3% | 19.9% | 32.1% | 15.1% | 26.5% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 54 | 31 | 19 | 37 | 142 | 24 | 52 | 15 | 131 | 222 | 221.8% | 59.9% | 126.9% | 28.6% | 63.8% |
| 290000 | Healthcare Practitioners and Technical Occupations | 19 | 15 | 24 | 34 | 92 | 55 | 141 | 164 | 264 | 625 | 34.2% | 10.8% | 14.7% | 12.7% | 14.7% |
| 310000 | Healthcare Support Occupations | 19 | 15 | 8 | 6 | 49 | 173 | 175 | 65 | 58 | 470 | 11.2% | 8.7% | 12.6% | 10.7% | 10.4% |
| 330000 | Protective Service Occupations | 1 | 1 | 1 | 0 | 2 | 57 | 93 | 35 | 62 | 247 | 1.1% | 0.6% | 2.0% | 0.7% | 0.9% |
| 350000 | Food Preparation and Serving Related Occupations | 60 | 26 | 9 | 8 | 104 | 748 | 612 | 115 | 206 | 1,681 | 8.0% | 4.3% | 8.3% | 4.0% | 6.2% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 23 | 11 | 3 | 8 | 45 | 267 | 119 | 31 | 44 | 461 | 8.6% | 8.9% | 11.2% | 17.1% | 9.7% |
| 390000 | Personal Care and Service Occupations | 42 | 20 | 7 | 19 | 87 | 279 | 235 | 58 | 108 | 681 | 15.0% | 8.4% | 11.6% | 17.4% | 12.8% |
| 410000 | Sales and Related Occupations | 16 | 9 | 7 | 7 | 40 | 540 | 579 | 145 | 575 | 1,839 | 3.0% | 1.6% | 4.8% | 1.3% | 2.2% |
| 430000 | Office and Administrative Support Occupations | 11 | 8 | 4 | 5 | 28 | 657 | 666 | 225 | 417 | 1,965 | 1.7% | 1.1% | 1.6% | 1.3% | 1.4% |
| 450000 | Farming, Fishing, and Forestry Occupations | 3 | 2 | 1 | 3 | 9 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 60 | 19 | 9 | 6 | 94 | 287 | 125 | 32 | 46 | 490 | 20.9% | 15.2% | 27.2% | 12.7% | 19.1% |
| 490000 | Installation, Maintenance, and Repair Occupations | 93 | 34 | 16 | 7 | 150 | 222 | 116 | 44 | 36 | 418 | 41.9% | 29.3% | 37.6% | 18.6% | 35.9% |
| 510000 | Production Occupations | 46 | 14 | 7 | 5 | 72 | 173 | 70 | 24 | 26 | 293 | 26.9% | 19.5% | 28.5% | 20.0% | 24.6% |
| 530000 | Transportation and Material Moving Occupations | 5 | 2 | 1 | 0 | 8 | 237 | 112 | 27 | 35 | 411 | 2.1% | 2.0% | 2.2% | 1.0% | 2.0% |
| TOTAL | ALL OCCUPATIONS | 765 | 365 | 234 | 406 | 1,770 | 4,156 | 3,889 | 1,363 | 4,470 | 13,879 | 18.4% | 9.4% | 17.1% | 9.1% | 12.8% |

APPENDIX D

SOUTH SHORE WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-------|-------|-------------------------------|--------------|-------------------|--------|--------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 34 | 10 | 8 | 25 | 77 | 46 | 59 | 28 | 149 | 282 | 74.6% | 17.6% | 28.2% | 16.4% | 27.3% |
| 130000 | Business and Financial Operations Occupations | 8 | 2 | 1 | 6 | 18 | 31 | 49 | 26 | 186 | 292 | 25.1% | 5.1% | 5.7% | 3.5% | 6.2% |
| 150000 | Computer and Mathematical Occupations | 25 | 14 | 10 | 24 | 73 | 10 | 25 | 11 | 62 | 108 | 265.5% | 56.0% | 84.9% | 38.1% | 67.3% |
| 170000 | Architecture and Engineering Occupations | 27 | 17 | 18 | 18 | 80 | 1 | 3 | 2 | 13 | 20 | 2197.4% | 593.0% | 756.8% | 133.1% | 401.1% |
| 190000 | Life, Physical, and Social Science Occupations | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | 839.3% | | 43.2% | 232.2% |
| 210000 | Community and Social Service Occupations | 4 | 3 | 1 | 2 | 11 | 12 | 20 | 9 | 33 | 74 | 33.8% | 14.1% | 14.9% | 7.5% | 14.4% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 3 | 5 | 73.1% | 5.7% | 11.6% | 10.9% | 16.1% |
| 250000 | Education, Training, and Library Occupations | 34 | 19 | 16 | 26 | 96 | 26 | 39 | 19 | 94 | 178 | 134.0% | 50.1% | 83.9% | 27.3% | 53.7% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 15 | 7 | 4 | 11 | 37 | 6 | 13 | 3 | 27 | 49 | 243.9% | 52.2% | 137.8% | 41.7% | 75.4% |
| 290000 | Healthcare Practitioners and Technical Occupations | 13 | 9 | 18 | 12 | 53 | 27 | 68 | 68 | 129 | 292 | 48.2% | 13.9% | 26.2% | 9.7% | 18.1% |
| 310000 | Healthcare Support Occupations | 16 | 9 | 6 | 2 | 34 | 46 | 50 | 24 | 16 | 137 | 34.7% | 18.8% | 25.8% | 14.4% | 24.9% |
| 330000 | Protective Service Occupations | 8 | 4 | 5 | 4 | 21 | 7 | 12 | 8 | 15 | 43 | 106.7% | 37.4% | 58.4% | 27.2% | 49.7% |
| 350000 | Food Preparation and Serving Related Occupations | 32 | 12 | 5 | 3 | 52 | 349 | 282 | 59 | 96 | 785 | 9.1% | 4.3% | 8.3% | 3.6% | 6.7% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 11 | 4 | 2 | 1 | 19 | 40 | 17 | 4 | 6 | 68 | 27.9% | 25.4% | 45.7% | 17.6% | 27.5% |
| 390000 | Personal Care and Service Occupations | 22 | 7 | 3 | 1 | 33 | 112 | 83 | 21 | 36 | 252 | 19.8% | 7.9% | 14.5% | 3.5% | 13.1% |
| 410000 | Sales and Related Occupations | 6 | 2 | 2 | 4 | 14 | 269 | 271 | 61 | 205 | 806 | 2.1% | 0.9% | 2.7% | 2.0% | 1.7% |
| 430000 | Office and Administrative Support Occupations | 11 | 6 | 3 | 4 | 25 | 318 | 320 | 107 | 201 | 946 | 3.4% | 2.0% | 3.3% | 1.9% | 2.6% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 36 | 11 | 6 | 3 | 56 | 161 | 70 | 20 | 24 | 275 | 22.5% | 15.8% | 30.9% | 11.5% | 20.4% |
| 490000 | Installation, Maintenance, and Repair Occupations | 55 | 19 | 11 | 3 | 88 | 88 | 41 | 15 | 10 | 154 | 62.3% | 46.8% | 71.6% | 28.9% | 57.0% |
| 510000 | Production Occupations | 24 | 7 | 4 | 2 | 37 | 56 | 21 | 7 | 8 | 92 | 42.8% | 33.1% | 55.2% | 30.9% | 40.5% |
| 530000 | Transportation and Material Moving Occupations | 3 | 2 | 0 | 0 | 5 | 104 | 49 | 11 | 15 | 180 | 3.0% | 3.1% | 3.8% | 1.2% | 3.0% |
| TOTAL | ALL OCCUPATIONS | 386 | 167 | 124 | 153 | 830 | 1,711 | 1,492 | 505 | 1,330 | 5,038 | 22.6% | 11.2% | 24.5% | 11.5% | 16.5% |

APPENDIX D

BROCKTON WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|----|-------|-------------|--------------|-------------------|-----|-------|-------------------------------|--------------|-------------------|--------|---------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 20 | 6 | 4 | 16 | 47 | 21 | 26 | 12 | 63 | 123 | 98.0% | 23.1% | 36.3% | 24.7% | 37.9% |
| 130000 | Business and Financial Operations Occupations | 9 | 2 | 1 | 7 | 18 | 6 | 9 | 6 | 36 | 57 | 139.7% | 23.2% | 17.2% | 18.4% | 32.4% |
| 150000 | Computer and Mathematical Occupations | 15 | 9 | 6 | 13 | 43 | 1 | 2 | 1 | 3 | 8 | 1436.1% | 428.8% | 564.0% | 369.9% | 555.1% |
| 170000 | Architecture and Engineering Occupations | 12 | 7 | 7 | 9 | 35 | 0 | 0 | 0 | 2 | 3 | 5961.4% | 1372.4% | 1604.2% | 466.9% | 1110.8% |
| 190000 | Life, Physical, and Social Science Occupations | 3 | 2 | 1 | 3 | 8 | 0 | 0 | 0 | 0 | 0 | 5188.1% | | | 851.9% | 2324.1% |
| 210000 | Community and Social Service Occupations | 2 | 2 | 1 | 1 | 6 | 7 | 11 | 6 | 24 | 48 | 34.2% | 14.9% | 11.4% | 5.2% | 12.3% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 250000 | Education, Training, and Library Occupations | 13 | 6 | 5 | 10 | 34 | 11 | 21 | 12 | 51 | 96 | 113.8% | 29.4% | 40.0% | 20.5% | 35.9% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 9 | 5 | 4 | 8 | 25 | 1 | 2 | 1 | 9 | 13 | 1053.4% | 201.8% | 437.8% | 84.8% | 191.7% |
| 290000 | Healthcare Practitioners and Technical Occupations | 18 | 13 | 20 | 14 | 65 | 14 | 42 | 69 | 82 | 208 | 125.9% | 30.1% | 29.5% | 17.0% | 31.4% |
| 310000 | Healthcare Support Occupations | 20 | 13 | 7 | 3 | 42 | 37 | 37 | 14 | 10 | 98 | 53.7% | 34.8% | 49.9% | 26.3% | 43.3% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 0 | 8 | 13 | 7 | 13 | 41 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 350000 | Food Preparation and Serving Related Occupations | 13 | 6 | 3 | 2 | 24 | 140 | 114 | 20 | 32 | 307 | 9.6% | 5.7% | 13.3% | 4.7% | 7.9% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 0 | 0 | 0 | 0 | 0 | 30 | 13 | 3 | 5 | 51 | 0.0% | 0.0% | 0.0% | 0.0% | 0.0% |
| 390000 | Personal Care and Service Occupations | 7 | 3 | 1 | 0 | 11 | 40 | 28 | 8 | 12 | 87 | 17.1% | 9.4% | 16.5% | 3.2% | 12.7% |
| 410000 | Sales and Related Occupations | 5 | 2 | 1 | 3 | 10 | 106 | 109 | 25 | 81 | 321 | 4.3% | 1.7% | 4.0% | 3.7% | 3.3% |
| 430000 | Office and Administrative Support Occupations | 0 | 0 | 0 | 0 | 1 | 122 | 117 | 38 | 70 | 347 | 0.4% | 0.2% | 0.4% | 0.2% | 0.3% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 19 | 7 | 4 | 2 | 31 | 57 | 25 | 7 | 8 | 96 | 32.8% | 28.8% | 56.6% | 18.3% | 32.2% |
| 490000 | Installation, Maintenance, and Repair Occupations | 31 | 13 | 7 | 2 | 53 | 47 | 22 | 8 | 6 | 82 | 66.8% | 59.7% | 85.9% | 27.3% | 64.0% |
| 510000 | Production Occupations | 7 | 2 | 2 | 0 | 12 | 38 | 16 | 5 | 6 | 65 | 19.5% | 15.3% | 34.6% | 8.3% | 18.6% |
| 530000 | Transportation and Material Moving Occupations | 2 | 1 | 0 | 0 | 4 | 106 | 50 | 12 | 15 | 183 | 2.2% | 2.4% | 2.7% | 1.1% | 2.2% |
| TOTAL | ALL OCCUPATIONS | 206 | 99 | 73 | 92 | 470 | 792 | 658 | 254 | 529 | 2,232 | 26.0% | 15.1% | 28.7% | 17.3% | 21.0% |

APPENDIX D

BRISTOL WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-----|-------|-------------------------------|--------------|-------------------|---------|---------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 45 | 16 | 13 | 26 | 100 | 25 | 33 | 15 | 79 | 151 | 176.7% | 48.3% | 92.1% | 33.4% | 66.2% |
| 130000 | Business and Financial Operations Occupations | 24 | 8 | 6 | 14 | 52 | 12 | 19 | 10 | 63 | 103 | 192.9% | 45.4% | 60.0% | 22.5% | 50.2% |
| 150000 | Computer and Mathematical Occupations | 52 | 25 | 17 | 46 | 140 | 4 | 10 | 5 | 27 | 47 | 1153.3% | 240.0% | 343.0% | 169.7% | 297.9% |
| 170000 | Architecture and Engineering Occupations | 30 | 25 | 29 | 24 | 109 | 4 | 7 | 5 | 21 | 37 | 757.8% | 374.1% | 550.8% | 114.7% | 292.2% |
| 190000 | Life, Physical, and Social Science Occupations | 0 | 3 | 2 | 7 | 12 | 0 | 0 | 0 | 0 | 0 | 9274.3% | | | 2484.0% | 3723.6% |
| 210000 | Community and Social Service Occupations | 3 | 2 | 1 | 2 | 9 | 16 | 28 | 16 | 63 | 123 | 18.2% | 8.6% | 8.4% | 3.0% | 7.0% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 6 | 1.4% | 0.1% | 0.3% | 0.2% | 0.3% |
| 250000 | Education, Training, and Library Occupations | 35 | 22 | 19 | 30 | 106 | 19 | 30 | 16 | 58 | 123 | 183.9% | 72.6% | 118.7% | 52.4% | 86.6% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 39 | 19 | 12 | 28 | 98 | 4 | 7 | 1 | 12 | 24 | 1098.3% | 275.2% | 852.3% | 233.8% | 412.4% |
| 290000 | Healthcare Practitioners and Technical Occupations | 12 | 14 | 34 | 18 | 79 | 22 | 59 | 71 | 109 | 261 | 56.3% | 23.1% | 48.3% | 16.8% | 30.1% |
| 310000 | Healthcare Support Occupations | 14 | 15 | 12 | 3 | 45 | 38 | 36 | 15 | 12 | 101 | 36.8% | 42.0% | 84.4% | 28.5% | 44.6% |
| 330000 | Protective Service Occupations | 0 | 0 | 1 | 0 | 1 | 12 | 19 | 8 | 16 | 55 | 0.8% | 1.5% | 7.9% | 1.1% | 2.2% |
| 350000 | Food Preparation and Serving Related Occupations | 60 | 27 | 12 | 6 | 106 | 269 | 219 | 42 | 77 | 607 | 22.3% | 12.4% | 28.4% | 8.2% | 17.4% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 26 | 15 | 7 | 11 | 59 | 35 | 16 | 4 | 6 | 61 | 73.6% | 94.3% | 168.3% | 199.7% | 97.4% |
| 390000 | Personal Care and Service Occupations | 19 | 10 | 5 | 7 | 40 | 66 | 55 | 14 | 25 | 160 | 28.4% | 17.4% | 33.1% | 29.3% | 25.2% |
| 410000 | Sales and Related Occupations | 15 | 6 | 5 | 7 | 33 | 200 | 207 | 48 | 151 | 605 | 7.4% | 3.0% | 10.1% | 4.9% | 5.5% |
| 430000 | Office and Administrative Support Occupations | 9 | 7 | 5 | 3 | 24 | 199 | 190 | 62 | 114 | 564 | 4.5% | 3.6% | 7.4% | 2.9% | 4.2% |
| 450000 | Farming, Fishing, and Forestry Occupations | 3 | 2 | 1 | 2 | 8 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 66 | 24 | 15 | 5 | 110 | 64 | 28 | 7 | 10 | 109 | 102.2% | 88.5% | 214.0% | 48.5% | 100.9% |
| 490000 | Installation, Maintenance, and Repair Occupations | 82 | 35 | 21 | 5 | 143 | 60 | 28 | 11 | 8 | 106 | 138.0% | 127.2% | 197.3% | 65.5% | 135.8% |
| 510000 | Production Occupations | 61 | 20 | 14 | 4 | 99 | 68 | 32 | 10 | 12 | 121 | 90.4% | 62.2% | 142.7% | 37.9% | 82.1% |
| 530000 | Transportation and Material Moving Occupations | 4 | 2 | 1 | 0 | 6 | 151 | 71 | 17 | 21 | 259 | 2.4% | 2.7% | 3.5% | 0.9% | 2.5% |
| TOTAL | ALL OCCUPATIONS | 598 | 298 | 232 | 251 | 1,379 | 1,269 | 1,094 | 376 | 885 | 3,624 | 47.1% | 27.2% | 61.7% | 28.4% | 38.1% |

APPENDIX D

GREATER NEW BEDFORD WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|-----|-------|-------------|--------------|-------------------|-----|-------|-------------------------------|--------------|-------------------|---------|---------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 29 | 11 | 8 | 23 | 71 | 10 | 13 | 6 | 27 | 56 | 281.8% | 83.0% | 148.7% | 85.5% | 128.0% |
| 130000 | Business and Financial Operations Occupations | 11 | 4 | 3 | 7 | 25 | 4 | 5 | 3 | 22 | 34 | 289.9% | 83.9% | 76.4% | 34.1% | 74.2% |
| 150000 | Computer and Mathematical Occupations | 20 | 12 | 8 | 21 | 61 | 0 | 1 | 1 | 1 | 3 | 3949.1% | 1292.6% | 1451.4% | 1396.3% | 1739.1% |
| 170000 | Architecture and Engineering Occupations | 30 | 23 | 23 | 21 | 97 | 1 | 2 | 1 | 8 | 11 | 4262.9% | 1404.4% | 1767.1% | 277.2% | 858.9% |
| 190000 | Life, Physical, and Social Science Occupations | 2 | 1 | 0 | 2 | 6 | 0 | 0 | 0 | 0 | 0 | 6104.0% | | | 1097.3% | 2842.8% |
| 210000 | Community and Social Service Occupations | 2 | 1 | 1 | 1 | 5 | 7 | 11 | 6 | 21 | 45 | 29.2% | 12.8% | 10.7% | 5.8% | 11.7% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 7450.8% | 691.0% | 1065.2% | 404.0% | 799.2% |
| 250000 | Education, Training, and Library Occupations | 21 | 12 | 9 | 16 | 58 | 13 | 19 | 9 | 44 | 84 | 165.3% | 62.2% | 94.7% | 37.7% | 68.6% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 14 | 8 | 5 | 11 | 38 | 1 | 2 | 0 | 3 | 7 | 1333.2% | 388.4% | 1025.6% | 336.5% | 549.7% |
| 290000 | Healthcare Practitioners and Technical Occupations | 13 | 11 | 30 | 13 | 66 | 13 | 36 | 39 | 60 | 148 | 99.2% | 29.1% | 77.3% | 21.1% | 44.8% |
| 310000 | Healthcare Support Occupations | 13 | 13 | 10 | 2 | 38 | 44 | 41 | 16 | 13 | 114 | 30.2% | 32.5% | 59.7% | 16.4% | 33.7% |
| 330000 | Protective Service Occupations | 11 | 7 | 7 | 6 | 31 | 10 | 17 | 6 | 12 | 44 | 105.8% | 39.0% | 122.2% | 55.7% | 69.7% |
| 350000 | Food Preparation and Serving Related Occupations | 33 | 14 | 5 | 4 | 56 | 125 | 79 | 18 | 29 | 251 | 26.4% | 17.3% | 29.9% | 12.5% | 22.2% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 2 | 1 | 0 | 0 | 3 | 32 | 13 | 3 | 5 | 54 | 6.2% | 5.3% | 7.3% | 1.8% | 5.6% |
| 390000 | Personal Care and Service Occupations | 19 | 7 | 3 | 1 | 31 | 41 | 35 | 9 | 15 | 100 | 46.9% | 19.6% | 37.0% | 7.5% | 30.6% |
| 410000 | Sales and Related Occupations | 7 | 4 | 3 | 3 | 17 | 93 | 93 | 20 | 53 | 259 | 7.3% | 3.9% | 13.9% | 6.4% | 6.4% |
| 430000 | Office and Administrative Support Occupations | 8 | 6 | 4 | 3 | 21 | 109 | 104 | 37 | 68 | 318 | 7.5% | 6.1% | 11.1% | 4.0% | 6.7% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 40 | 14 | 8 | 3 | 64 | 32 | 14 | 3 | 5 | 55 | 121.9% | 101.8% | 237.1% | 51.0% | 117.2% |
| 490000 | Installation, Maintenance, and Repair Occupations | 46 | 20 | 10 | 3 | 79 | 27 | 12 | 5 | 4 | 48 | 167.7% | 161.7% | 226.9% | 72.5% | 164.5% |
| 510000 | Production Occupations | 41 | 13 | 8 | 3 | 65 | 51 | 22 | 7 | 6 | 85 | 80.6% | 58.8% | 120.1% | 55.7% | 76.5% |
| 530000 | Transportation and Material Moving Occupations | 4 | 2 | 1 | 0 | 7 | 54 | 23 | 6 | 7 | 90 | 7.1% | 8.0% | 12.1% | 4.6% | 7.5% |
| TOTAL | ALL OCCUPATIONS | 366 | 183 | 147 | 145 | 840 | 668 | 542 | 195 | 402 | 1,807 | 54.8% | 33.7% | 75.4% | 36.1% | 46.5% |

APPENDIX D

CAPE & ISLANDS WORKFORCE INVESTMENT AREA

| SOC | Title | SUPPLY | | | | | OPENINGS | | | | | SUPPLY AS PERCENT OF OPENINGS | | | | |
|--------|--|-------------|--------------|-------------------|----|-------|-------------|--------------|-------------------|-----|-------|-------------------------------|--------------|-------------------|-------|--------|
| | | High School | Some college | Associates degree | BA | Total | High School | Some College | Associates degree | BA | Total | High School | Some college | Associates degree | BA | Total |
| 110000 | Management Occupations | 11 | 3 | 3 | 6 | 23 | 19 | 24 | 11 | 50 | 104 | 56.6% | 13.0% | 26.0% | 12.2% | 21.9% |
| 130000 | Business and Financial Operations Occupations | 1 | 0 | 0 | 0 | 2 | 10 | 13 | 8 | 47 | 78 | 8.3% | 1.5% | 1.7% | 0.9% | 2.1% |
| 150000 | Computer and Mathematical Occupations | 11 | 4 | 3 | 5 | 24 | 1 | 3 | 1 | 7 | 12 | 994.8% | 129.8% | 250.5% | 75.4% | 189.8% |
| 170000 | Architecture and Engineering Occupations | 13 | 4 | 4 | 9 | 31 | 1 | 4 | 1 | 10 | 16 | 952.8% | 112.6% | 403.2% | 92.6% | 195.4% |
| 190000 | Life, Physical, and Social Science Occupations | 3 | 1 | 1 | 3 | 8 | 0 | 0 | 1 | 13 | 14 | 2208.1% | 299.0% | 86.3% | 24.0% | 60.7% |
| 210000 | Community and Social Service Occupations | 2 | 1 | 1 | 1 | 5 | 7 | 12 | 7 | 24 | 49 | 32.5% | 9.6% | 7.5% | 4.3% | 9.8% |
| 230000 | Legal Occupations | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 3 | 6 | 1.0% | 0.1% | 0.2% | 0.3% | 0.3% |
| 250000 | Education, Training, and Library Occupations | 18 | 8 | 6 | 11 | 43 | 15 | 23 | 10 | 48 | 97 | 121.2% | 33.2% | 55.4% | 23.7% | 44.5% |
| 270000 | Arts, Design, Entertainment, Sports, and Media Occupations | 2 | 0 | 0 | 1 | 3 | 2 | 6 | 1 | 15 | 24 | 73.4% | 7.4% | 37.2% | 3.5% | 12.6% |
| 290000 | Healthcare Practitioners and Technical Occupations | 9 | 5 | 13 | 6 | 32 | 13 | 36 | 41 | 64 | 155 | 66.1% | 14.1% | 30.9% | 9.1% | 20.9% |
| 310000 | Healthcare Support Occupations | 11 | 6 | 4 | 1 | 23 | 49 | 45 | 15 | 13 | 122 | 23.5% | 13.2% | 29.3% | 9.7% | 18.9% |
| 330000 | Protective Service Occupations | 0 | 0 | 0 | 0 | 1 | 18 | 25 | 13 | 22 | 78 | 1.1% | 0.4% | 0.7% | 0.6% | 0.7% |
| 350000 | Food Preparation and Serving Related Occupations | 28 | 10 | 5 | 4 | 47 | 271 | 218 | 43 | 81 | 612 | 10.4% | 4.6% | 12.4% | 4.7% | 7.7% |
| 370000 | Building and Grounds Cleaning and Maintenance Occupations | 19 | 7 | 4 | 2 | 33 | 88 | 41 | 11 | 17 | 157 | 21.9% | 17.2% | 38.0% | 13.6% | 20.9% |
| 390000 | Personal Care and Service Occupations | 9 | 3 | 1 | 0 | 14 | 69 | 66 | 14 | 27 | 176 | 13.7% | 3.8% | 9.8% | 1.5% | 7.8% |
| 410000 | Sales and Related Occupations | 1 | 0 | 1 | 1 | 3 | 150 | 152 | 34 | 98 | 434 | 0.9% | 0.2% | 1.5% | 1.0% | 0.7% |
| 430000 | Office and Administrative Support Occupations | 7 | 4 | 2 | 2 | 15 | 153 | 159 | 55 | 100 | 467 | 4.8% | 2.3% | 4.3% | 1.7% | 3.2% |
| 450000 | Farming, Fishing, and Forestry Occupations | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | | | | | |
| 470000 | Construction and Extraction Occupations | 16 | 4 | 3 | 1 | 24 | 88 | 38 | 9 | 15 | 150 | 18.2% | 11.4% | 32.3% | 7.1% | 16.3% |
| 490000 | Installation, Maintenance, and Repair Occupations | 35 | 10 | 7 | 2 | 53 | 53 | 26 | 9 | 7 | 95 | 65.6% | 37.9% | 78.0% | 22.2% | 55.8% |
| 510000 | Production Occupations | 6 | 2 | 1 | 0 | 9 | 11 | 4 | 1 | 2 | 18 | 57.9% | 42.4% | 97.7% | 15.9% | 52.8% |
| 530000 | Transportation and Material Moving Occupations | 2 | 1 | 0 | 0 | 4 | 64 | 34 | 8 | 14 | 120 | 3.7% | 3.3% | 2.8% | 1.7% | 3.3% |
| TOTAL | ALL OCCUPATIONS | 208 | 73 | 60 | 56 | 398 | 1,083 | 931 | 295 | 676 | 2,984 | 19.2% | 7.9% | 20.4% | 8.3% | 13.3% |