

| NR/MR Workforce Development Area Occupation Demand List - Program Year 16 |                                                                                             |           |           |                    |                      |                        |                 |                        |
|---------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-----------|-----------|--------------------|----------------------|------------------------|-----------------|------------------------|
| SOC                                                                       | Description                                                                                 | 2010 Jobs | 2015 Jobs | 2010 - 2015 Change | 2010 - 2015 % Change | 2015 Location Quotient | Annual Openings | Median Hourly Earnings |
| <b>Information Technology</b>                                             |                                                                                             |           |           |                    |                      |                        |                 |                        |
| 11-3021                                                                   | Computer and Information Systems Managers                                                   | 184       | 196       | 12                 | 7%                   | 0.54                   | 8               | \$52.80                |
| 15-1121                                                                   | Computer Systems Analysts                                                                   | 259       | 283       | 24                 | 9%                   | 0.45                   | 15              | \$28.54                |
| 15-1131                                                                   | Computer Programmers                                                                        | 135       | 135       | 0                  | 0%                   | 0.35                   | 8               | \$23.14                |
| 15-1132                                                                   | Software Developers, Applications                                                           | 384       | 458       | 74                 | 19%                  | 0.60                   | 26              | \$32.91                |
| 15-1133                                                                   | Software Developers, Systems Software                                                       | 240       | 282       | 42                 | 18%                  | 0.67                   | 16              | \$33.69                |
| 15-1134                                                                   | Web Developers                                                                              | 115       | 141       | 26                 | 23%                  | 0.55                   | 9               | \$21.52                |
| 15-1142                                                                   | Network and Computer Systems Administrators                                                 | 283       | 298       | 15                 | 5%                   | 0.78                   | 11              | \$29.14                |
| 15-1151                                                                   | Computer User Support Specialists                                                           | 387       | 370       | (17)               | (4%)                 | 0.61                   | 14              | \$19.27                |
| 27-1024                                                                   | Graphic Designers                                                                           | 258       | 276       | 18                 | 7%                   | 0.67                   | 18              | \$16.68                |
| <b>Health Care</b>                                                        |                                                                                             |           |           |                    |                      |                        |                 |                        |
| 11-1111                                                                   | Medical and Health Services Managers                                                        | 219       | 225       | 6                  | 3%                   | 0.64                   | 11              | \$37.45                |
| 21-1011                                                                   | Substance Abuse and Behavioral Disorder Counselors                                          | 155       | 165       | 10                 | 6%                   | 1.56                   | 9               | \$16.72                |
| 21-1014                                                                   | Mental Health Counselors                                                                    | 423       | 462       | 39                 | 9%                   | 2.83                   | 24              | \$17.93                |
| 21-1021                                                                   | Child, Family, and School Social Workers                                                    | 478       | 485       | 7                  | 1%                   | 1.60                   | 20              | \$17.22                |
| 21-1023                                                                   | Mental Health and Substance Abuse Social Workers                                            | 185       | 199       | 14                 | 8%                   | 1.61                   | 10              | \$18.85                |
| 21-1093                                                                   | Social and Human Service Assistants                                                         | 270       | 277       | 7                  | 3%                   | 0.73                   | 14              | \$13.43                |
| 23-1141                                                                   | Registered Nurses                                                                           | 2,154     | 2,057     | (97)               | (5%)                 | 0.75                   | 77              | \$25.61                |
| 29-1171                                                                   | Nurse Practitioners                                                                         | 128       | 150       | 22                 | 17%                  | 1.14                   | 8               | \$42.86                |
| 29-2021                                                                   | Dental Hygienists                                                                           | 140       | 146       | 6                  | 4%                   | 0.72                   | 9               | \$33.04                |
| 29-2041                                                                   | Emergency Medical Technicians and Paramedics                                                | 230       | 289       | 59                 | 26%                  | 1.23                   | 32              | \$12.12                |
| 29-2052                                                                   | Pharmacy Technicians                                                                        | 441       | 459       | 18                 | 4%                   | 1.24                   | 15              | \$12.23                |
| 29-2053                                                                   | Psychiatric Technicians                                                                     | 327       | 349       | 22                 | 7%                   | 5.36                   | 17              | \$10.78                |
| 29-2061                                                                   | Licensed Practical and Licensed Vocational Nurses                                           | 982       | 1,038     | 56                 | 6%                   | 1.41                   | 55              | \$16.89                |
| 29-2081                                                                   | Opticians, Dispensing                                                                       | 84        | 97        | 13                 | 15%                  | 1.20                   | 8               | \$19.03                |
| 31-1014                                                                   | Nursing Assistants                                                                          | 1,582     | 1,503     | (79)               | (5%)                 | 1.01                   | 65              | \$10.48                |
| 31-9011                                                                   | Massage Therapists                                                                          | 154       | 174       | 20                 | 13%                  | 0.56                   | 12              | \$12.90                |
| 31-9091                                                                   | Dental Assistants                                                                           | 214       | 214       | 0                  | 0%                   | 0.67                   | 10              | \$14.82                |
| 31-9092                                                                   | Medical Assistants                                                                          | 358       | 381       | 23                 | 6%                   | 0.64                   | 19              | \$13.64                |
| 31-9096                                                                   | Veterinary Assistants and Laboratory Animal Caretakers                                      | 67        | 85        | 18                 | 27%                  | 1.18                   | 8               | \$10.65                |
| 43-6013                                                                   | Medical Secretaries                                                                         | 213       | 239       | 26                 | 12%                  | 0.44                   | 12              | \$13.13                |
| <b>Public Safety</b>                                                      |                                                                                             |           |           |                    |                      |                        |                 |                        |
| 33-1011                                                                   | First-Line Supervisors of Correctional Officers                                             | 159       | 157       | (2)                | (1%)                 | 3.49                   | 9               | \$21.34                |
| 33-2011                                                                   | Firefighters                                                                                | 175       | 179       | 4                  | 2%                   | 0.59                   | 10              | \$13.39                |
| 33-3012                                                                   | Correctional Officers and Jailers                                                           | 1,064     | 1,061     | (3)                | (0%)                 | 2.45                   | 51              | \$16.34                |
| 33-3051                                                                   | Police and Sheriff's Patrol Officers                                                        | 929       | 967       | 38                 | 4%                   | 1.53                   | 52              | \$19.08                |
| 43-5031                                                                   | Police, Fire, and Ambulance Dispatchers                                                     | 167       | 174       | 7                  | 4%                   | 1.83                   | 10              | \$13.97                |
| <b>Trades/Construction</b>                                                |                                                                                             |           |           |                    |                      |                        |                 |                        |
| 11-9021                                                                   | Construction Managers                                                                       | 480       | 374       | (106)              | (22%)                | 0.80                   | 11              | \$17.76                |
| 47-1011                                                                   | First-Line Supervisors of Construction Trades and Extraction Workers                        | 809       | 680       | (129)              | (16%)                | 0.95                   | 25              | \$18.63                |
| 47-2031                                                                   | Carpenters                                                                                  | 1,306     | 1,135     | (171)              | (13%)                | 0.85                   | 42              | \$12.38                |
| 47-2073                                                                   | Operating Engineers and Other Construction Equipment Operators                              | 492       | 493       | 1                  | 0%                   | 1.34                   | 27              | \$16.07                |
| 47-2081                                                                   | Drywall and Ceiling Tile Installers                                                         | 112       | 121       | 9                  | 8%                   | 0.88                   | 8               | \$12.28                |
| 47-2111                                                                   | Electricians                                                                                | 495       | 534       | 39                 | 8%                   | 0.78                   | 35              | \$18.37                |
| 47-2141                                                                   | Painters, Construction and Maintenance                                                      | 550       | 508       | (42)               | (8%)                 | 0.90                   | 21              | \$10.90                |
| 47-2152                                                                   | Plumbers, Pipefitters, and Steamfitters                                                     | 311       | 346       | 35                 | 11%                  | 0.72                   | 24              | \$16.89                |
| 47-2181                                                                   | Roofers                                                                                     | 143       | 123       | (20)               | (14%)                | 0.71                   | 8               | \$10.97                |
| 47-2211                                                                   | Sheet Metal Workers                                                                         | 139       | 146       | 7                  | 5%                   | 1.01                   | 10              | \$16.22                |
| 47-4051                                                                   | Highway Maintenance Workers                                                                 | 343       | 348       | 5                  | 1%                   | 2.38                   | 14              | \$14.68                |
| <b>Production/Maintenance</b>                                             |                                                                                             |           |           |                    |                      |                        |                 |                        |
| 11-3051                                                                   | Industrial Production Managers                                                              | 180       | 190       | 10                 | 6%                   | 1.05                   | 11              | \$48.02                |
| 17-2071                                                                   | Electrical Engineers                                                                        | 275       | 252       | (23)               | (8%)                 | 1.39                   | 13              | \$36.39                |
| 17-2112                                                                   | Industrial Engineers                                                                        | 355       | 458       | 103                | 29%                  | 1.89                   | 39              | \$33.28                |
| 17-2141                                                                   | Mechanical Engineers                                                                        | 537       | 594       | 57                 | 11%                  | 2.13                   | 42              | \$40.31                |
| 17-3023                                                                   | Electrical and Electronics Engineering Technicians                                          | 192       | 186       | (6)                | (3%)                 | 1.26                   | 10              | \$21.42                |
| 17-3026                                                                   | Industrial Engineering Technicians                                                          | 104       | 130       | 26                 | 25%                  | 1.95                   | 10              | \$25.18                |
| 19-2031                                                                   | Chemists                                                                                    | 92        | 98        | 6                  | 7%                   | 1.14                   | 8               | \$32.77                |
| 19-4031                                                                   | Chemical Technicians                                                                        | 137       | 170       | 33                 | 24%                  | 2.67                   | 18              | \$19.62                |
| 43-5061                                                                   | Production, Planning, and Expediting Clerks                                                 | 327       | 363       | 36                 | 11%                  | 1.17                   | 20              | \$21.04                |
| 49-1011                                                                   | First-Line Supervisors of Mechanics, Installers, and Repairers                              | 479       | 525       | 46                 | 10%                  | 1.18                   | 27              | \$24.65                |
| 49-2011                                                                   | Computer, Automated Teller, and Office Machine Repairers                                    | 125       | 125       | 0                  | 0%                   | 0.70                   | 10              | \$11.99                |
| 49-3021                                                                   | Automotive Body and Related Repairers                                                       | 240       | 250       | 10                 | 4%                   | 1.42                   | 15              | \$16.34                |
| 49-3023                                                                   | Automotive Service Technicians and Mechanics                                                | 1,056     | 1,106     | 50                 | 5%                   | 1.27                   | 62              | \$14.15                |
| 49-3031                                                                   | Bus and Truck Mechanics and Diesel Engine Specialists                                       | 500       | 579       | 79                 | 16%                  | 2.10                   | 37              | \$20.50                |
| 49-3042                                                                   | Mobile Heavy Equipment Mechanics, Except Engines                                            | 146       | 148       | 2                  | 1%                   | 1.01                   | 10              | \$18.52                |
| 49-9021                                                                   | Heating, Air Conditioning, and Refrigeration Mechanics and Installers                       | 280       | 299       | 19                 | 7%                   | 0.90                   | 23              | \$15.91                |
| 49-9041                                                                   | Industrial Machinery Mechanics                                                              | 480       | 602       | 122                | 25%                  | 1.69                   | 49              | \$19.41                |
| 49-9051                                                                   | Electrical Power-Line Installers and Repairers                                              | 57        | 72        | 15                 | 26%                  | 0.62                   | 9               | \$24.64                |
| 49-9052                                                                   | Telecommunications Line Installers and Repairers                                            | 154       | 179       | 25                 | 16%                  | 1.31                   | 17              | \$21.40                |
| 51-1011                                                                   | First-Line Supervisors of Production and Operating Workers                                  | 929       | 1,045     | 116                | 12%                  | 1.68                   | 53              | \$25.73                |
| 51-2021                                                                   | Coil Winders, Tapers, and Finishers                                                         | 223       | 193       | (30)               | (13%)                | 13.17                  | 11              | \$17.46                |
| 51-2022                                                                   | Electrical and Electronic Equipment Assemblers                                              | 849       | 813       | (36)               | (4%)                 | 3.98                   | 44              | \$14.87                |
| 51-2023                                                                   | Electromechanical Equipment Assemblers                                                      | 337       | 305       | (32)               | (9%)                 | 6.62                   | 11              | \$16.42                |
| 51-2031                                                                   | Engine and Other Machine Assemblers                                                         | 91        | 111       | 20                 | 23%                  | 2.93                   | 9               | \$19.30                |
| 51-2041                                                                   | Structural Metal Fabricators and Fitters                                                    | 181       | 197       | 16                 | 9%                   | 2.54                   | 17              | \$15.00                |
| 51-2092                                                                   | Team Assemblers                                                                             | 2,247     | 2,813     | 566                | 25%                  | 2.41                   | 198             | \$14.75                |
| 51-2099                                                                   | Assemblers and Fabricators, All Other                                                       | 554       | 769       | 215                | 39%                  | 2.97                   | 63              | \$14.89                |
| 51-3021                                                                   | Butchers and Meat Cutters                                                                   | 136       | 148       | 12                 | 9%                   | 1.05                   | 8               | \$12.42                |
| 51-3092                                                                   | Food Batchmakers                                                                            | 78        | 89        | 11                 | 14%                  | 0.74                   | 9               | \$11.91                |
| 51-4011                                                                   | Computer-Controlled Machine Tool Operators, Metal and Plastic                               | 114       | 116       | 2                  | 2%                   | 0.78                   | 9               | \$16.74                |
| 51-4012                                                                   | Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic                 | 82        | 104       | 22                 | 27%                  | 4.15                   | 8               | \$17.71                |
| 51-4021                                                                   | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic            | 175       | 239       | 64                 | 37%                  | 3.34                   | 24              | \$18.06                |
| 51-4031                                                                   | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic     | 204       | 193       | (11)               | (5%)                 | 1.01                   | 10              | \$14.10                |
| 51-4041                                                                   | Machinists                                                                                  | 846       | 1,165     | 319                | 38%                  | 2.89                   | 104             | \$19.26                |
| 51-4072                                                                   | Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic | 192       | 238       | 46                 | 24%                  | 1.87                   | 20              | \$14.96                |
| 51-4081                                                                   | Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic                    | 146       | 171       | 25                 | 17%                  | 1.72                   | 13              | \$16.53                |
| 51-4121                                                                   | Welders, Cutters, Solderers, and Brazers                                                    | 609       | 721       | 112                | 18%                  | 1.76                   | 55              | \$18.41                |
| 51-4122                                                                   | Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders                     | 161       | 258       | 97                 | 60%                  | 4.21                   | 27              | \$18.67                |
| 51-5112                                                                   | Printing Press Operators                                                                    | 121       | 107       | (14)               | (12%)                | 0.58                   | 9               | \$12.74                |
| 51-6031                                                                   | Sewing Machine Operators                                                                    | 335       | 339       | 4                  | 1%                   | 1.81                   | 26              | \$10.10                |
| 51-6063                                                                   | Textile Knitting and Weaving Machine Setters, Operators, and Tenders                        | 246       | 188       | (58)               | (24%)                | 8.44                   | 17              | \$12.16                |
| 51-6064                                                                   | Textile Winding, Twisting, and Drawing Out Machine Setters, Operators, and Tenders          | 266       | 211       | (55)               | (21%)                | 8.12                   | 13              | \$12.31                |
| 51-6091                                                                   | Extruding and Forming Machine Setters, Operators, and Tenders, Synthetic and Glass Fibers   | 153       | 186       | 33                 | 22%                  | 9.44                   | 18              | \$17.62                |
| 51-6093                                                                   | Upholsterers                                                                                | 189       | 176       | (13)               | (7%)                 | 2.42                   | 13              | \$15.53                |
| 51-7011                                                                   | Cabinetmakers and Bench Carpenters                                                          | 307       | 309       | 2                  | 1%                   | 2.79                   | 22              | \$12.13                |
| 51-7021                                                                   | Furniture Finishers                                                                         | 119       | 118       | (1)                | (1%)                 | 5.04                   | 10              | \$12.09                |
| 51-7041                                                                   | Sawing Machine Setters, Operators, and Tenders, Wood                                        | 268       | 278       | 10                 | 4%                   | 5.21                   | 25              | \$13.21                |
| 51-7042                                                                   | Woodworking Machine Setters, Operators, and Tenders, Except Sawing                          | 415       | 417       | 2                  | 0%                   | 5.88                   | 24              | \$11.64                |
| 51-8031                                                                   | Water and Wastewater Treatment Plant and System Operators                                   | 293       | 299       | 6                  | 2%                   | 2.73                   | 21              | \$17.34                |
| 51-8091                                                                   | Chemical Plant and System Operators                                                         | 107       | 137       | 30                 | 28%                  | 3.68                   | 20              | \$29.75                |
| 51-9011                                                                   | Chemical Equipment Operators and Tenders                                                    | 211       | 292       | 81                 | 38%                  | 4.52                   | 40              | \$24.68                |
| 51-9023                                                                   | Mixing and Blending Machine Setters, Operators, and Tenders                                 | 274       | 344       | 70                 | 26%                  | 2.79                   | 42              | \$18.17                |
| 51-9032                                                                   | Cutting and Slicing Machine Setters, Operators, and Tenders                                 | 118       | 139       | 21                 | 18%                  | 2.22                   | 10              | \$18.20                |
| 51-9041                                                                   | Extruding, Forming, Pressing, and Compacting Machine Setters, Operators, and Tenders        | 159       | 169       | 10                 | 6%                   | 2.51                   | 14              | \$13.81                |
| 51-9061                                                                   | Inspectors, Testers, Sorters, Samplers, and Weighers                                        | 648       | 744       | 96                 | 15%                  | 1.39                   | 46              | \$16.23                |
| 51-9111                                                                   | Packaging and Filling Machine Operators and Tenders                                         | 314       | 347       | 33                 | 11%                  | 0.91                   | 25              | \$11.16                |
| 51-9121                                                                   | Coating, Painting, and Spraying Machine Setters, Operators, and Tenders                     | 203       | 223       | 20                 | 10%                  | 2.34                   | 12              | \$15.48                |
| 51-9122                                                                   | Painters, Transportation Equipment                                                          | 147       | 265       | 118                | 80%                  | 4.23                   | 31              | \$21.38                |
| 51-9191                                                                   | Adhesive Bonding Machine Operators and Tenders                                              | 95        | 117       | 22                 | 23%                  | 6.58                   | 9               | \$15.21                |
| 51-9195                                                                   | Molders, Shapers, and Casters, Except Metal and Plastic                                     | 88        | 78        | (10)               | (11%)                | 1.41                   | 10              | \$17.41                |
| <b>Logistics and Warehousing</b>                                          |                                                                                             |           |           |                    |                      |                        |                 |                        |
| 43-5071                                                                   | Shipping, Receiving, and Traffic Clerks                                                     | 433       | 442       | 9                  | 2%                   | 0.65                   | 24              | \$14.04                |
| 53-1031                                                                   | First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators  | 223       | 244       | 21                 | 9%                   | 1.21                   | 14              | \$23.98                |
| 53-3022                                                                   | Bus Drivers, School or Special Client                                                       | 795       | 836       | 41                 | 5%                   | 1.67                   | 40              | \$10.54                |
| 53-3031                                                                   | Driver/Sales Workers                                                                        | 244       | 237       | (7)                | (3%)                 | 0.53                   | 11              | \$13.07                |
| 53-3032                                                                   | Heavy and Tractor-Trailer Truck Drivers                                                     | 2,157     | 2,143     | (14)               | (1%)                 | 0.94                   | 123             | \$17.29                |

|                                              |                                                                                 |       |       |       |       |      |     |         |
|----------------------------------------------|---------------------------------------------------------------------------------|-------|-------|-------|-------|------|-----|---------|
| 53-3033                                      | Light Truck or Delivery Services Drivers                                        | 726   | 768   | 42    | 6%    | 0.79 | 37  | \$13.98 |
| 53-7051                                      | Industrial Truck and Tractor Operators                                          | 685   | 839   | 154   | 22%   | 1.58 | 60  | \$20.34 |
| 53-7061                                      | Cleaners of Vehicles and Equipment                                              | 392   | 417   | 25    | 6%    | 1.05 | 33  | \$10.31 |
| 53-7062                                      | Laborers and Freight, Stock, and Material Movers, Hand                          | 1,544 | 1,672 | 128   | 8%    | 0.65 | 110 | \$11.49 |
| 53-7063                                      | Machine Feeders and Offbearers                                                  | 177   | 192   | 15    | 8%    | 1.83 | 9   | \$11.48 |
| 53-7073                                      | Wellhead Pumpers                                                                | 62    | 67    | 5     | 8%    | 0.52 | 11  | \$17.64 |
| 53-7081                                      | Refuse and Recyclable Material Collectors                                       | 245   | 277   | 32    | 13%   | 1.98 | 22  | \$10.96 |
| <b>Management and Administrative Support</b> |                                                                                 |       |       |       |       |      |     |         |
| 11-1021                                      | General and Operations Managers                                                 | 1,415 | 1,441 | 26    | 2%    | 0.65 | 49  | \$36.73 |
| 11-3031                                      | Financial Managers                                                              | 368   | 442   | 56    | 15%   | 0.55 | 26  | \$37.96 |
| 13-1023                                      | Purchasing Agents, Except Wholesale, Retail, and Farm Products                  | 338   | 358   | 20    | 6%    | 1.12 | 16  | \$25.09 |
| 13-1051                                      | Cost Estimators                                                                 | 217   | 217   | 0     | 0%    | 0.96 | 12  | \$23.94 |
| 13-1071                                      | Human Resources Specialists                                                     | 377   | 393   | 16    | 4%    | 0.77 | 17  | \$22.21 |
| 13-1111                                      | Management Analysts                                                             | 875   | 889   | 14    | 2%    | 0.76 | 40  | \$32.62 |
| 13-1151                                      | Training and Development Specialists                                            | 260   | 264   | 4     | 2%    | 1.03 | 11  | \$25.39 |
| 13-1161                                      | Market Research Analysts and Marketing Specialists                              | 302   | 330   | 28    | 9%    | 0.55 | 14  | \$24.23 |
| 13-2011                                      | Accountants and Auditors                                                        | 1,114 | 1,084 | (30)  | (3%)  | 0.66 | 50  | \$26.17 |
| 13-2051                                      | Financial Analysts                                                              | 225   | 241   | 16    | 7%    | 0.52 | 18  | \$38.19 |
| 43-1011                                      | First-Line Supervisors of Office and Administrative Support Workers             | 1,636 | 1,695 | 59    | 4%    | 1.14 | 65  | \$18.86 |
| 43-3011                                      | Bill and Account Collectors                                                     | 147   | 132   | (15)  | (10%) | 0.36 | 14  | \$12.16 |
| 43-3021                                      | Billing and Posting Clerks                                                      | 270   | 281   | 11    | 4%    | 0.53 | 12  | \$14.40 |
| 43-3031                                      | Bookkeeping, Accounting, and Auditing Clerks                                    | 1,668 | 1,707 | 39    | 2%    | 0.92 | 39  | \$14.53 |
| 43-4051                                      | Customer Service Representatives                                                | 2,605 | 2,224 | (381) | (15%) | 0.84 | 129 | \$11.55 |
| 43-4151                                      | Order Clerks                                                                    | 134   | 125   | (9)   | (7%)  | 0.60 | 8   | \$14.56 |
| 43-6011                                      | Executive Secretaries and Executive Administrative Assistants                   | 570   | 553   | (17)  | (3%)  | 0.73 | 13  | \$21.03 |
| 43-6014                                      | Secretaries and Administrative Assistants, Except Legal, Medical, and Executive | 1,600 | 1,593 | (7)   | (0%)  | 0.67 | 39  | \$13.27 |