

**SOUTHERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018**

| Occupation Code | Occupation Title  | Employment |         | Employment Change, 2008-2018 |         | Total Openings | Mean Hourly Wage | Education and Training                            |
|-----------------|---|------------|---------|------------------------------|---------|----------------|------------------|---|
|                 |   | 2008       | 2018    | Numeric                      | Percent |                |                  |   |
| 00-0000         | Total, All Occupations  | 92,180     | 112,710 | 20,530                       | 22.3%   | 42,520         | \$16.10          |   |
| 11-1011         | Chief Executives  | 540        | 600     | 70                           | 12.3%   | 220            | \$51.77          | Bachelor's or higher degree, plus work experience |
| 11-1021         | General and Operations Managers   | 1,590      | 1,750   | 160                          | 10.1%   | 620            | \$40.44          | Bachelor's or higher degree, plus work experience |
| 11-1031         | Legislators   | 70         | 80      | 10                           | 13.0%   | 30             | N/A              | Bachelor's or higher degree, plus work experience |
| 11-2021         | Marketing Managers  | 40         | 60      | 10                           | 27.3%   | 20             | \$32.41          | Bachelor's or higher degree, plus work experience |
| 11-2022         | Sales Managers  | 120        | 160     | 40                           | 31.1%   | 60             | \$37.72          | Bachelor's or higher degree, plus work experience |
| 11-3011         | Administrative Services Managers  | 170        | 200     | 30                           | 14.5%   | 60             | \$28.12          | Bachelor's or higher degree, plus work experience |
| 11-3021         | Computer and Information Systems Managers                                 | 60         | 80      | 10                           | 20.3%   | 20             | \$39.81          | Bachelor's or higher degree, plus work experience |
| 11-3031         | Financial Managers  | 240        | 280     | 40                           | 17.4%   | 90             | \$34.23          | Bachelor's or higher degree, plus work experience |
| 11-3041         | Compensation and Benefits Managers  | 50         | 60      | 10                           | 29.8%   | 20             | N/A              | Bachelor's or higher degree, plus work experience |
| 11-3042         | Training and Development Managers   | 20         | 20      | 10                           | 27.8%   | 10             | N/A              | Bachelor's or higher degree, plus work experience |
| 11-3049         | Human Resources Managers, All Other                                       | 30         | 40      | 0                            | 12.5%   | 10             | N/A              | Bachelor's or higher degree, plus work experience |
| 11-3051         | Industrial Production Managers  | 120        | 130     | 10                           | 6.5%    | 50             | \$38.20          | Work experience in a related occupation           |
| 11-3061         | Purchasing Managers   | 30         | 30      | 0                            | 14.3%   | 10             | \$28.66          | Bachelor's or higher degree, plus work experience |
| 11-3071         | Transportation, Storage, and Distribution Managers                        | 60         | 60      | 0                            | 3.6%    | 20             | \$32.11          | Work experience in a related occupation           |
| 11-9021         | Construction Managers   | 160        | 200     | 50                           | 29.7%   | 60             | \$35.75          | Bachelor's degree                                 |
| 11-9032         | Education Administrators, Elementary and Secondary School                 | 230        | 250     | 20                           | 8.8%    | 90             | N/A              | Bachelor's or higher degree, plus work experience |
| 11-9041         | Engineering Managers  | 50         | 60      | 10                           | 10.0%   | 20             | \$43.06          | Bachelor's or higher degree, plus work experience |
| 11-9051         | Food Service Managers   | 190        | 230     | 50                           | 24.3%   | 80             | \$15.04          | Work experience in a related occupation           |
| 11-9061         | Funeral Directors   | 80         | 110     | 40                           | 45.5%   | 50             | N/A              | Associate degree                                  |
| 11-9111         | Medical and Health Services Managers                                      | 390        | 520     | 140                          | 35.2%   | 210            | \$33.44          | Bachelor's or higher degree, plus work experience |
| 11-9131         | Postmasters and Mail Superintendents                                      | 70         | 60      | -10                          | -11.3%  | 10             | \$26.41          | Work experience in a related occupation           |
| 11-9141         | Property, Real Estate, and Community Association Managers                 | 250        | 290     | 40                           | 16.7%   | 90             | \$33.10          | Bachelor's degree                                 |
| 11-9151         | Social and Community Service Managers                                     | 80         | 100     | 30                           | 33.8%   | 40             | \$22.17          | Bachelor's degree                                 |
| 11-9199         | Managers, All Other   | 100        | 120     | 20                           | 18.6%   | 50             | \$23.41          | Work experience in a related occupation           |
| 13-1022         | Wholesale and Retail Buyers, Except Farm Products                         | 20         | 30      | 0                            | 8.7%    | 10             | \$12.30          | Long-term on-the-job training                     |
| 13-1023         | Purchasing Agents, Except Wholesale, Retail, and Farm Products            | 90         | 120     | 30                           | 28.0%   | 50             | \$23.21          | Long-term on-the-job training                     |
| 13-1031         | Claims Adjusters, Examiners, and Investigators                            | 40         | 40      | 10                           | 15.8%   | 20             | \$27.87          | Long-term on-the-job training                     |
| 13-1041         | Compliance Officers, Except Agriculture, Construction, Health and Safety, | 140        | 190     | 50                           | 37.9%   | 70             | \$21.46          | Long-term on-the-job training                     |
| 13-1051         | Cost Estimators   | 70         | 100     | 40                           | 50.7%   | 50             | \$19.58          | Bachelor's degree                                 |
| 13-1061         | Emergency Management Specialists  | 20         | 20      | 0                            | 25.0%   | 10             | N/A              | Work experience in a related occupation           |
| 13-1071         | Employment, Recruitment, and Placement Specialists                        | 40         | 50      | 10                           | 27.8%   | 20             | N/A              | Bachelor's degree                                 |
| 13-1072         | Compensation, Benefits, and Job Analysis Specialists                      | 60         | 80      | 20                           | 36.1%   | 40             | N/A              | Bachelor's degree                                 |
| 13-1079         | Human Resources, Training, and Labor Relations Specialists, All Other     | 20         | 20      | 10                           | 26.3%   | 10             | N/A              | Bachelor's degree                                 |
| 13-1111         | Management Analysts   | 110        | 150     | 30                           | 29.2%   | 50             | \$34.75          | Bachelor's or higher degree, plus work experience |
| 13-1199         | Business Operations Specialists, All Other                                | 90         | 100     | 10                           | 13.2%   | 30             | \$23.02          | Bachelor's degree                                 |
| 13-2011         | Accountants and Auditors  | 550        | 710     | 160                          | 29.7%   | 250            | \$26.51          | Bachelor's degree                                 |
| 13-2021         | Appraisers and Assessors of Real Estate                                   | 180        | 220     | 40                           | 19.0%   | 70             | \$15.03          | Associate degree                                  |
| 13-2031         | Budget Analysts   | 30         | 40      | 10                           | 24.2%   | 10             | \$23.34          | Bachelor's degree                                 |
| 13-2041         | Credit Analysts   | 20         | 30      | 0                            | 18.2%   | 10             | \$20.13          | Bachelor's degree                                 |
| 13-2051         | Financial Analysts  | 50         | 70      | 30                           | 60.9%   | 40             | \$31.34          | Bachelor's degree                                 |
| 13-2072         | Loan Officers   | 280        | 310     | 30                           | 10.8%   | 60             | \$24.57          | Moderate-term on-the-job training                 |
| 13-2081         | Tax Examiners, Collectors, and Revenue Agents                             | 60         | 70      | 10                           | 17.7%   | 30             | \$15.53          | Bachelor's degree                                 |
| 13-2082         | Tax Preparers   | 80         | 100     | 20                           | 18.1%   | 30             | \$10.41          | Moderate-term on-the-job training                 |
| 15-1021         | Computer Programmers  | 130        | 140     | 10                           | 7.1%    | 30             | N/A              | Bachelor's degree                                 |
| 15-1031         | Computer Software Engineers, Applications                                 | 100        | 140     | 40                           | 38.8%   | 50             | N/A              | Bachelor's degree                                 |
| 15-1041         | Computer Support Specialists  | 230        | 270     | 40                           | 17.3%   | 100            | N/A              | Associate degree                                  |
| 15-1051         | Computer Systems Analysts   | 60         | 80      | 10                           | 22.2%   | 30             | N/A              | Bachelor's degree                                 |
| 15-1061         | Database Administrators   | 20         | 30      | 10                           | 21.7%   | 10             | N/A              | Bachelor's degree                                 |
| 15-1071         | Network and Computer Systems Administrators                               | 80         | 100     | 20                           | 19.0%   | 30             | N/A              | Bachelor's degree                                 |
| 15-1081         | Network Systems and Data Communications Analysts                          | 30         | 50      | 20                           | 69.0%   | 30             | N/A              | Bachelor's degree                                 |
| 17-2072         | Electronics Engineers, Except Computer                                    | 30         | 30      | 0                            | 11.5%   | 10             | N/A              | Bachelor's degree                                 |
| 17-2111         | Health and Safety Engineers, Except Mining Safety Engineers and Inspect   | 20         | 20      | 0                            | 16.7%   | 10             | \$22.45          | Bachelor's degree                                 |
| 17-2112         | Industrial Engineers  | 90         | 100     | 10                           | 12.9%   | 30             | \$27.69          | Bachelor's degree                                 |
| 17-2141         | Mechanical Engineers  | 60         | 70      | 10                           | 15.3%   | 20             | \$29.86          | Bachelor's degree                                 |
| 17-2171         | Petroleum Engineers   | 70         | 100     | 30                           | 43.3%   | 40             | \$38.67          | Bachelor's degree                                 |
| 17-3012         | Electrical and Electronics Drafters                                       | 20         | 20      | 0                            | 0.0%    | 0              | N/A              | Postsecondary vocational training                 |

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|                 |  | 2008       | 2018  | Numeric                      | Percent |                |                  |   |
| 17-3023         | Electrical and Electronic Engineering Technicians                          | 20         | 30    | 0                            | 13.6%   | 10             | \$19.32          | Associate degree                                  |
| 17-3026         | Industrial Engineering Technicians   | 90         | 90    | 10                           | 5.7%    | 20             | N/A              | Associate degree                                  |
| 17-3031         | Surveying and Mapping Technicians  | 60         | 80    | 20                           | 24.6%   | 30             | \$16.06          | Moderate-term on-the-job training                 |
| 19-1031         | Conservation Scientists  | 20         | 20    | 0                            | 9.1%    | 0              | \$37.05          | Bachelor's degree                                 |
| 19-3021         | Market Research Analysts   | 50         | 60    | 20                           | 36.2%   | 30             | N/A              | Bachelor's degree                                 |
| 19-3031         | Clinical, Counseling, and School Psychologists                             | 80         | 100   | 20                           | 20.5%   | 40             | \$26.12          | Doctoral degree                                   |
| 19-4041         | Geological and Petroleum Technicians                                       | 20         | 20    | 0                            | 5.9%    | 10             | N/A              | Associate degree                                  |
| 19-4093         | Forest and Conservation Technicians  | 20         | 20    | 0                            | 11.8%   | 10             | \$21.14          | Associate degree                                  |
| 21-1011         | Substance Abuse and Behavioral Disorder Counselors                         | 60         | 80    | 20                           | 28.8%   | 30             | \$16.94          | Bachelor's degree                                 |
| 21-1012         | Educational, Vocational, and School Counselors                             | 210        | 240   | 30                           | 15.4%   | 70             | \$21.09          | Master's degree                                   |
| 21-1014         | Mental Health Counselors   | 70         | 100   | 30                           | 45.6%   | 50             | \$15.95          | Master's degree                                   |
| 21-1015         | Rehabilitation Counselors  | 160        | 210   | 50                           | 33.1%   | 80             | \$15.04          | Master's degree                                   |
| 21-1021         | Child, Family, and School Social Workers                                   | 560        | 680   | 120                          | 21.6%   | 260            | \$14.38          | Bachelor's degree                                 |
| 21-1022         | Medical and Public Health Social Workers                                   | 60         | 90    | 30                           | 42.9%   | 40             | \$20.08          | Bachelor's degree                                 |
| 21-1023         | Mental Health and Substance Abuse Social Workers                           | 60         | 80    | 20                           | 40.0%   | 40             | \$19.46          | Master's degree                                   |
| 21-1091         | Health Educators   | 50         | 60    | 20                           | 37.0%   | 30             | \$20.77          | Bachelor's degree                                 |
| 21-1093         | Social and Human Service Assistants  | 170        | 210   | 50                           | 26.9%   | 80             | \$10.73          | Moderate-term on-the-job training                 |
| 23-1011         | Lawyers  | 460        | 590   | 130                          | 28.9%   | 220            | \$37.29          | First professional degree                         |
| 23-1023         | Judges, Magistrate Judges, and Magistrates                                 | 40         | 40    | 0                            | 2.6%    | 10             | \$24.65          | Bachelor's or higher degree, plus work experience |
| 23-2011         | Paralegals and Legal Assistants  | 100        | 140   | 40                           | 45.3%   | 50             | \$18.00          | Associate degree                                  |
| 25-1000         | Postsecondary Teachers   | 450        | 520   | 70                           | 15.3%   | 150            | N/A              |   |
| 25-2011         | Preschool Teachers, Except Special Education                               | 180        | 230   | 50                           | 26.4%   | 80             | \$14.14          | Postsecondary vocational training                 |
| 25-2012         | Kindergarten Teachers, Except Special Education                            | 210        | 240   | 40                           | 16.9%   | 80             | N/A              | Bachelor's degree                                 |
| 25-2021         | Elementary School Teachers, Except Special Education                       | 1,120      | 1,290 | 170                          | 15.6%   | 430            | N/A              | Bachelor's degree                                 |
| 25-2022         | Middle School Teachers, Except Special and Vocational Education            | 470        | 540   | 70                           | 15.3%   | 180            | N/A              | Bachelor's degree                                 |
| 25-2031         | Secondary School Teachers, Except Special and Vocational Education         | 830        | 900   | 70                           | 8.5%    | 310            | N/A              | Bachelor's degree                                 |
| 25-2032         | Vocational Education Teachers, Secondary School                            | 130        | 140   | 10                           | 9.4%    | 50             | N/A              | Bachelor's or higher degree, plus work experience |
| 25-2041         | Special Education Teachers, Preschool, Kindergarten, and Elementary School | 150        | 180   | 30                           | 19.0%   | 70             | N/A              | Bachelor's degree                                 |
| 25-2043         | Special Education Teachers, Secondary School                               | 100        | 110   | 10                           | 13.3%   | 40             | N/A              | Bachelor's degree                                 |
| 25-3011         | Adult Literacy, Remedial Education, and GED Teachers and Instructors       | 50         | 60    | 10                           | 17.3%   | 20             | \$16.47          | Bachelor's degree                                 |
| 25-3021         | Self-Enrichment Education Teachers   | 30         | 40    | 10                           | 28.1%   | 10             | \$24.62          | Work experience in a related occupation           |
| 25-3099         | Teachers and Instructors, All Other  | 450        | 540   | 90                           | 20.9%   | 160            | N/A              | Bachelor's degree                                 |
| 25-4021         | Librarians   | 130        | 140   | 10                           | 11.0%   | 50             | \$17.37          | Master's degree                                   |
| 25-4031         | Library Technicians  | 70         | 80    | 10                           | 11.3%   | 40             | \$9.37           | Postsecondary vocational training                 |
| 25-9031         | Instructional Coordinators   | 70         | 80    | 20                           | 23.1%   | 30             | \$18.92          | Master's degree                                   |
| 25-9041         | Teacher Assistants   | 870        | 960   | 100                          | 11.3%   | 280            | N/A              | Short-term on-the-job training                    |
| 27-1023         | Floral Designers   | 40         | 40    | 0                            | 7.3%    | 20             | N/A              | Short-term on-the-job training                    |
| 27-1024         | Graphic Designers  | 80         | 110   | 30                           | 32.5%   | 50             | \$16.71          | Bachelor's degree                                 |
| 27-2022         | Coaches and Scouts   | 140        | 180   | 40                           | 28.5%   | 70             | N/A              | Long-term on-the-job training                     |
| 27-2041         | Music Directors and Composers  | 40         | 50    | 10                           | 18.4%   | 20             | \$20.24          | Bachelor's or higher degree, plus work experience |
| 27-3022         | Reporters and Correspondents   | 40         | 40    | 0                            | 0.0%    | 10             | \$12.97          | Bachelor's degree                                 |
| 27-3031         | Public Relations Specialists   | 170        | 220   | 50                           | 29.5%   | 90             | \$27.70          | Bachelor's degree                                 |
| 29-1021         | Dentists, General  | 90         | 120   | 30                           | 31.9%   | 60             | \$64.30          | First professional degree                         |
| 29-1031         | Dietitians and Nutritionists   | 30         | 40    | 10                           | 20.7%   | 20             | \$26.04          | Bachelor's degree                                 |
| 29-1041         | Optometrists   | 30         | 50    | 20                           | 47.1%   | 30             | \$39.00          | First professional degree                         |
| 29-1051         | Pharmacists  | 190        | 250   | 60                           | 30.1%   | 100            | \$49.14          | First professional degree                         |
| 29-1062         | Family and General Practitioners   | 200        | 280   | 80                           | 39.2%   | 120            | \$85.32          | First professional degree                         |
| 29-1071         | Physician Assistants   | 90         | 140   | 50                           | 56.3%   | 70             | \$47.97          | Master's degree                                   |
| 29-1111         | Registered Nurses  | 1,450      | 2,040 | 590                          | 41.1%   | 850            | \$27.31          | Associate degree                                  |
| 29-1122         | Occupational Therapists  | 30         | 50    | 10                           | 35.3%   | 20             | \$31.41          | Master's degree                                   |
| 29-1123         | Physical Therapists  | 110        | 170   | 60                           | 51.8%   | 70             | \$40.68          | Master's degree                                   |
| 29-1126         | Respiratory Therapists   | 30         | 40    | 10                           | 38.7%   | 20             | \$22.01          | Associate degree                                  |
| 29-1127         | Speech-Language Pathologists   | 70         | 80    | 10                           | 17.6%   | 20             | \$25.42          | Master's degree                                   |
| 29-1131         | Veterinarians  | 30         | 40    | 10                           | 50.0%   | 20             | \$51.87          | First professional degree                         |
| 29-2011         | Medical and Clinical Laboratory Technologists                              | 100        | 130   | 30                           | 28.2%   | 50             | \$22.92          | Bachelor's degree                                 |
| 29-2012         | Medical and Clinical Laboratory Technicians                                | 110        | 150   | 40                           | 35.5%   | 60             | \$16.36          | Associate degree                                  |
| 29-2021         | Dental Hygienists  | 100        | 160   | 60                           | 57.8%   | 80             | \$29.08          | Associate degree                                  |

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| 29-2031         | Cardiovascular Technologists and Technicians  | 30         | 40    | 10                           | 46.7%   | 20             | \$23.02          | Associate degree                        |
| 29-2032         | Diagnostic Medical Sonographers   | 20         | 30    | 10                           | 39.1%   | 10             | \$30.77          | Associate degree                        |
| 29-2034         | Radiologic Technologists and Technicians  | 170        | 230   | 70                           | 38.7%   | 90             | N/A              | Associate degree                        |
| 29-2041         | Emergency Medical Technicians and Paramedics  | 400        | 510   | 110                          | 27.2%   | 190            | \$12.12          | Postsecondary vocational training       |
| 29-2052         | Pharmacy Technicians  | 260        | 380   | 120                          | 46.4%   | 190            | \$11.70          | Moderate-term on-the-job training       |
| 29-2054         | Respiratory Therapy Technicians   | 50         | 60    | 10                           | 17.0%   | 20             | \$18.37          | Postsecondary vocational training       |
| 29-2055         | Surgical Technologists  | 60         | 90    | 30                           | 45.3%   | 50             | \$15.15          | Postsecondary vocational training       |
| 29-2061         | Licensed Practical and Licensed Vocational Nurses   | 1,130      | 1,570 | 430                          | 38.1%   | 790            | \$15.86          | Postsecondary vocational training       |
| 29-2071         | Medical Records and Health Information Technicians  | 260        | 340   | 80                           | 32.0%   | 130            | \$11.78          | Associate degree                        |
| 29-2099         | Health Technologists and Technicians, All Other   | 40         | 60    | 20                           | 43.6%   | 30             | N/A              | Postsecondary vocational training       |
| 29-9011         | Occupational Health and Safety Specialists  | 40         | 50    | 10                           | 15.0%   | 20             | \$19.94          | Bachelor's degree                       |
| 31-1012         | Nursing Aides, Orderlies, and Attendants  | 1,050      | 1,460 | 410                          | 39.5%   | 520            | \$9.71           | Postsecondary vocational training       |
| 31-2021         | Physical Therapist Assistants   | 90         | 130   | 40                           | 51.2%   | 60             | \$20.64          | Associate degree                        |
| 31-2022         | Physical Therapist Aides  | 100        | 170   | 60                           | 62.1%   | 80             | \$16.64          | Short-term on-the-job training          |
| 31-9091         | Dental Assistants   | 170        | 260   | 90                           | 53.5%   | 120            | \$14.20          | Moderate-term on-the-job training       |
| 31-9092         | Medical Assistants  | 330        | 470   | 150                          | 44.5%   | 180            | \$12.84          | Moderate-term on-the-job training       |
| 31-9094         | Medical Transcriptionists   | 60         | 70    | 20                           | 27.3%   | 20             | \$13.28          | Postsecondary vocational training       |
| 31-9099         | Healthcare Support Workers, All Other   | 190        | 250   | 70                           | 36.6%   | 90             | N/A              | Short-term on-the-job training          |
| 33-1011         | First-Line Supervisors/Managers of Correctional Officers                                      | 70         | 80    | 10                           | 15.4%   | 30             | \$23.24          | Work experience in a related occupation |
| 33-2011         | Fire Fighters   | 320        | 450   | 120                          | 38.2%   | 220            | \$15.80          | Long-term on-the-job training           |
| 33-3051         | Police and Sheriff's Patrol Officers  | 880        | 1,090 | 210                          | 24.0%   | 440            | \$16.53          | Long-term on-the-job training           |
| 33-9032         | Security Guards   | 460        | 550   | 90                           | 19.0%   | 180            | \$13.97          | Short-term on-the-job training          |
| 35-2011         | Cooks, Fast Food  | 500        | 670   | 170                          | 34.5%   | 300            | \$8.92           | Short-term on-the-job training          |
| 35-2012         | Cooks, Institution and Cafeteria  | 490        | 570   | 90                           | 18.1%   | 210            | \$9.57           | Moderate-term on-the-job training       |
| 35-2014         | Cooks, Restaurant   | 620        | 860   | 230                          | 37.4%   | 390            | \$8.78           | Long-term on-the-job training           |
| 35-2021         | Food Preparation Workers  | 530        | 690   | 150                          | 28.3%   | 340            | \$8.60           | Short-term on-the-job training          |
| 35-3021         | Combined Food Preparation and Serving Workers, Including Fast Food                            | 1,790      | 2,640 | 850                          | 47.3%   | 1,230          | \$8.33           | Short-term on-the-job training          |
| 35-3022         | Counter Attendants, Cafeteria, Food Concession, and Coffee Shop                               | 380        | 520   | 150                          | 38.6%   | 420            | \$7.89           | Short-term on-the-job training          |
| 35-3031         | Waiters and Waitresses  | 1,450      | 2,000 | 550                          | 37.6%   | 1,350          | \$8.35           | Short-term on-the-job training          |
| 35-9021         | Dishwashers   | 200        | 280   | 80                           | 37.9%   | 160            | \$8.27           | Short-term on-the-job training          |
| 37-1011         | First-Line Supervisors/Managers of Housekeeping and Janitorial Workers                        | 130        | 150   | 20                           | 14.3%   | 30             | \$15.98          | Work experience in a related occupation |
| 37-1012         | First-Line Supervisors/Managers of Landscaping, Lawn Service, and Grounds Maintenance Workers | 100        | 130   | 30                           | 30.3%   | 40             | \$17.37          | Work experience in a related occupation |
| 37-2011         | Janitors and Cleaners, Except Maids and Housekeeping Cleaners                                 | 980        | 1,050 | 80                           | 7.9%    | 260            | \$10.33          | Short-term on-the-job training          |
| 37-2012         | Maids and Housekeeping Cleaners   | 710        | 840   | 130                          | 18.2%   | 260            | \$8.83           | Short-term on-the-job training          |
| 37-3011         | Landscaping and Groundskeeping Workers  | 590        | 720   | 130                          | 22.4%   | 200            | \$10.91          | Short-term on-the-job training          |
| 39-1021         | First-Line Supervisors/Managers of Personal Service Workers                                   | 30         | 40    | 10                           | 20.7%   | 10             | \$14.99          | Work experience in a related occupation |
| 39-3091         | Amusement and Recreation Attendants   | 170        | 210   | 40                           | 21.4%   | 130            | \$9.45           | Short-term on-the-job training          |
| 39-9011         | Child Care Workers  | 420        | 530   | 110                          | 26.5%   | 230            | \$8.45           | Short-term on-the-job training          |
| 39-9021         | Personal and Home Care Aides  | 160        | 300   | 140                          | 84.1%   | 160            | \$8.33           | Short-term on-the-job training          |
| 39-9032         | Recreation Workers  | 90         | 120   | 30                           | 37.8%   | 50             | \$9.90           | Short-term on-the-job training          |
| 39-9041         | Residential Advisors  | 60         | 60    | 10                           | 12.3%   | 30             | N/A              | Short-term on-the-job training          |
| 41-1011         | First-Line Supervisors/Managers of Retail Sales Workers                                       | 1,160      | 1,370 | 210                          | 17.7%   | 450            | \$14.55          | Work experience in a related occupation |
| 41-1012         | First-Line Supervisors/Managers of Non-Retail Sales Workers                                   | 110        | 130   | 20                           | 15.2%   | 40             | \$22.80          | Work experience in a related occupation |
| 41-2011         | Cashiers  | 2,550      | 2,950 | 410                          | 15.9%   | 1,550          | \$8.49           | Short-term on-the-job training          |
| 41-2022         | Parts Salespersons  | 350        | 400   | 40                           | 12.5%   | 170            | \$10.96          | Moderate-term on-the-job training       |
| 41-2031         | Retail Salespersons   | 2,440      | 2,930 | 490                          | 20.2%   | 1,170          | \$9.86           | Short-term on-the-job training          |
| 41-3011         | Advertising Sales Agents  | 50         | 60    | 10                           | 14.8%   | 20             | \$13.90          | Moderate-term on-the-job training       |
| 41-3021         | Insurance Sales Agents  | 270        | 310   | 40                           | 13.6%   | 100            | \$18.06          | Postsecondary vocational training       |
| 41-3031         | Securities, Commodities, and Financial Services Sales Agents                                  | 60         | 70    | 10                           | 9.5%    | 30             | \$40.56          | Bachelor's degree                       |
| 41-3041         | Travel Agents   | 40         | 40    | 0                            | 2.4%    | 0              | \$17.31          | Postsecondary vocational training       |
| 41-3099         | Sales Representatives, Services, All Other  | 90         | 110   | 30                           | 34.1%   | 50             | \$23.41          | Work experience in a related occupation |
| 41-4011         | Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products         | 310        | 380   | 70                           | 23.1%   | 140            | \$23.94          | Work experience in a related occupation |
| 41-4012         | Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products  | 690        | 850   | 160                          | 23.4%   | 320            | \$17.52          | Work experience in a related occupation |
| 41-9022         | Real Estate Sales Agents  | 160        | 190   | 30                           | 21.7%   | 60             | \$17.62          | Postsecondary vocational training       |
| 43-1011         | First-Line Supervisors/Managers of Office and Administrative Support Workers                  | 900        | 1,120 | 220                          | 24.2%   | 420            | \$17.90          | Work experience in a related occupation |
| 43-2011         | Switchboard Operators, Including Answering Service  | 170        | 160   | -10                          | -3.6%   | 30             | \$10.13          | Short-term on-the-job training          |
| 43-3011         | Bill and Account Collectors   | 260        | 390   | 130                          | 47.7%   | 180            | \$12.89          | Short-term on-the-job training          |

**SOUTHERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018**

| Occupation Code | Occupation Title  | Employment |       | Employment Change, 2008-2018 |         | Total Openings | Mean Hourly Wage | Education and Training                  |
|-----------------|---|------------|-------|------------------------------|---------|----------------|------------------|---|
|                 |   | 2008       | 2018  | Numeric                      | Percent |                |                  |   |
| 43-3021         | Billing and Posting Clerks and Machine Operators                        | 370        | 470   | 100                          | 25.7%   | 160            | \$13.02          | Short-term on-the-job training          |
| 43-3031         | Bookkeeping, Accounting, and Auditing Clerks                            | 2,130      | 2,630 | 500                          | 23.3%   | 750            | \$13.40          | Moderate-term on-the-job training       |
| 43-3051         | Payroll and Timekeeping Clerks  | 290        | 300   | 20                           | 5.9%    | 90             | \$13.70          | Moderate-term on-the-job training       |
| 43-3071         | Tellers   | 450        | 470   | 20                           | 4.2%    | 200            | \$10.53          | Short-term on-the-job training          |
| 43-4051         | Customer Service Representatives  | 1,380      | 1,830 | 450                          | 32.7%   | 880            | \$11.74          | Moderate-term on-the-job training       |
| 43-4061         | Eligibility Interviewers, Government Programs                           | 50         | 70    | 10                           | 26.4%   | 30             | \$15.53          | Moderate-term on-the-job training       |
| 43-4071         | File Clerks   | 100        | 80    | -20                          | -19.4%  | 30             | \$11.09          | Short-term on-the-job training          |
| 43-4081         | Hotel, Motel, and Resort Desk Clerks                                    | 70         | 100   | 30                           | 47.1%   | 60             | \$8.19           | Short-term on-the-job training          |
| 43-4111         | Interviewers, Except Eligibility and Loan                               | 80         | 120   | 30                           | 41.5%   | 50             | N/A              | Short-term on-the-job training          |
| 43-4121         | Library Assistants, Clerical  | 50         | 60    | 10                           | 11.8%   | 30             | \$9.58           | Short-term on-the-job training          |
| 43-4131         | Loan Interviewers and Clerks  | 100        | 100   | 0                            | 2.1%    | 30             | \$12.77          | Short-term on-the-job training          |
| 43-4151         | Order Clerks  | 570        | 540   | -30                          | -5.5%   | 160            | N/A              | Short-term on-the-job training          |
| 43-4161         | Human Resources Assistants, Except Payroll and Timekeeping              | 160        | 180   | 20                           | 11.1%   | 60             | \$15.39          | Short-term on-the-job training          |
| 43-4171         | Receptionists and Information Clerks                                    | 500        | 650   | 160                          | 31.2%   | 290            | \$9.92           | Short-term on-the-job training          |
| 43-5021         | Couriers and Messengers   | 110        | 120   | 10                           | 11.0%   | 40             | \$9.41           | Short-term on-the-job training          |
| 43-5031         | Police, Fire, and Ambulance Dispatchers                                 | 160        | 210   | 60                           | 37.2%   | 90             | \$13.22          | Moderate-term on-the-job training       |
| 43-5032         | Dispatchers, Except Police, Fire, and Ambulance                         | 150        | 180   | 20                           | 13.6%   | 50             | \$12.35          | Moderate-term on-the-job training       |
| 43-5051         | Postal Service Clerks   | 50         | 50    | -10                          | -11.3%  | 10             | \$25.62          | Short-term on-the-job training          |
| 43-5052         | Postal Service Mail Carriers  | 250        | 260   | 10                           | 3.2%    | 90             | \$23.10          | Short-term on-the-job training          |
| 43-5053         | Postal Service Mail Sorters, Processors, and Processing Machine Operato | 60         | 50    | -20                          | -24.6%  | 10             | \$17.03          | Short-term on-the-job training          |
| 43-5061         | Production, Planning, and Expediting Clerks                             | 70         | 90    | 20                           | 20.8%   | 30             | \$16.69          | Moderate-term on-the-job training       |
| 43-5071         | Shipping, Receiving, and Traffic Clerks                                 | 630        | 700   | 70                           | 10.8%   | 220            | \$12.94          | Short-term on-the-job training          |
| 43-5081         | Stock Clerks and Order Fillers  | 730        | 900   | 160                          | 22.3%   | 330            | \$11.01          | Short-term on-the-job training          |
| 43-6011         | Executive Secretaries and Administrative Assistants                     | 920        | 1,090 | 170                          | 18.2%   | 290            | \$16.08          | Work experience in a related occupation |
| 43-6012         | Legal Secretaries   | 90         | 110   | 20                           | 20.7%   | 30             | \$12.65          | Associate degree                        |
| 43-6013         | Medical Secretaries   | 260        | 380   | 130                          | 48.6%   | 160            | \$13.07          | Moderate-term on-the-job training       |
| 43-6014         | Secretaries, Except Legal, Medical, and Executive                       | 1,660      | 1,850 | 190                          | 11.5%   | 410            | \$11.45          | Moderate-term on-the-job training       |
| 43-9011         | Computer Operators  | 50         | 40    | 0                            | -6.4%   | 10             | \$12.94          | Moderate-term on-the-job training       |
| 43-9021         | Data Entry Keyers   | 170        | 180   | 10                           | 4.1%    | 40             | \$13.11          | Moderate-term on-the-job training       |
| 43-9061         | Office Clerks, General  | 1,820      | 2,300 | 480                          | 26.3%   | 730            | \$10.40          | Short-term on-the-job training          |
| 45-2093         | Farmworkers, Farm and Ranch Animals                                     | 160        | 190   | 30                           | 17.5%   | 70             | \$12.37          | Short-term on-the-job training          |
| 47-1011         | First-Line Supervisors/Managers of Construction Trades and Extraction W | 530        | 650   | 120                          | 22.4%   | 220            | \$25.25          | Work experience in a related occupation |
| 47-2021         | Brickmasons and Blockmasons   | 80         | 100   | 30                           | 33.3%   | 50             | \$16.18          | Long-term on-the-job training           |
| 47-2031         | Carpenters  | 550        | 710   | 160                          | 29.1%   | 230            | \$14.46          | Long-term on-the-job training           |
| 47-2051         | Cement Masons and Concrete Finishers                                    | 150        | 200   | 60                           | 37.4%   | 90             | \$13.31          | Moderate-term on-the-job training       |
| 47-2061         | Construction Laborers   | 560        | 750   | 180                          | 32.1%   | 220            | \$13.07          | Moderate-term on-the-job training       |
| 47-2071         | Paving, Surfacing, and Tamping Equipment Operators                      | 250        | 300   | 50                           | 20.0%   | 90             | \$13.24          | Moderate-term on-the-job training       |
| 47-2073         | Operating Engineers and Other Construction Equipment Operators          | 560        | 720   | 160                          | 28.8%   | 260            | \$16.23          | Moderate-term on-the-job training       |
| 47-2111         | Electricians  | 530        | 700   | 170                          | 32.8%   | 300            | \$19.88          | Long-term on-the-job training           |
| 47-2141         | Painters, Construction and Maintenance                                  | 270        | 330   | 60                           | 22.1%   | 110            | \$15.45          | Moderate-term on-the-job training       |
| 47-2151         | Pipelayers  | 120        | 170   | 50                           | 37.9%   | 70             | \$17.30          | Short-term on-the-job training          |
| 47-4051         | Highway Maintenance Workers   | 460        | 570   | 120                          | 25.3%   | 240            | \$12.17          | Moderate-term on-the-job training       |
| 47-5013         | Service Unit Operators, Oil, Gas, and Mining                            | 160        | 180   | 10                           | 8.0%    | 40             | \$18.45          | Moderate-term on-the-job training       |
| 47-5071         | Roustabouts, Oil and Gas  | 420        | 480   | 60                           | 14.9%   | 130            | \$15.75          | Moderate-term on-the-job training       |
| 49-1011         | First-Line Supervisors/Managers of Mechanics, Installers, and Repairers | 290        | 340   | 50                           | 17.8%   | 130            | \$23.05          | Work experience in a related occupation |
| 49-2022         | Telecommunications Equipment Installers and Repairers, Except Line Inst | 80         | 90    | 0                            | 2.4%    | 20             | N/A              | Postsecondary vocational training       |
| 49-3021         | Automotive Body and Related Repairers                                   | 80         | 110   | 30                           | 31.3%   | 50             | \$23.26          | Long-term on-the-job training           |
| 49-3023         | Automotive Service Technicians and Mechanics                            | 850        | 1,050 | 210                          | 24.1%   | 370            | \$14.53          | Postsecondary vocational training       |
| 49-3031         | Bus and Truck Mechanics and Diesel Engine Specialists                   | 260        | 310   | 50                           | 19.5%   | 110            | \$14.86          | Postsecondary vocational training       |
| 49-3042         | Mobile Heavy Equipment Mechanics, Except Engines                        | 70         | 80    | 10                           | 18.2%   | 30             | \$19.19          | Long-term on-the-job training           |
| 49-3052         | Motorcycle Mechanics  | 20         | 30    | 0                            | 13.6%   | 10             | \$17.48          | Long-term on-the-job training           |
| 49-3053         | Outdoor Power Equipment and Other Small Engine Mechanics                | 40         | 50    | 10                           | 23.1%   | 20             | N/A              | Moderate-term on-the-job training       |
| 49-9012         | Control and Valve Installers and Repairers, Except Mechanical Door      | 70         | 70    | 0                            | 4.3%    | 10             | \$20.30          | Moderate-term on-the-job training       |
| 49-9021         | Heating, Air Conditioning, and Refrigeration Mechanics and Installers   | 220        | 330   | 100                          | 45.5%   | 140            | \$20.63          | Postsecondary vocational training       |
| 49-9041         | Industrial Machinery Mechanics  | 410        | 480   | 80                           | 18.3%   | 130            | \$18.34          | Long-term on-the-job training           |
| 49-9042         | Maintenance and Repair Workers, General                                 | 790        | 990   | 200                          | 25.1%   | 320            | N/A              | Moderate-term on-the-job training       |
| 49-9043         | Maintenance Workers, Machinery  | 80         | 100   | 20                           | 25.3%   | 30             | \$12.69          | Moderate-term on-the-job training       |

**SOUTHERN WORKFORCE INVESTMENT AREA OCCUPATIONAL OUTLOOK, 2008-2018**

| Occupation Code | Occupation Title  | Employment |       | Employment Change, 2008-2018 |         | Total Openings | Mean Hourly Wage | Education and Training                  |
|-----------------|---|------------|-------|------------------------------|---------|----------------|------------------|---|
|                 |   | 2008       | 2018  | Numeric                      | Percent |                |                  |   |
| 49-9051         | Electrical Power-Line Installers and Repairers  | 80         | 100   | 20                           | 25.6%   | 50             | \$18.64          | Long-term on-the-job training           |
| 49-9052         | Telecommunications Line Installers and Repairers  | 180        | 190   | 0                            | 2.2%    | 30             | \$20.14          | Long-term on-the-job training           |
| 49-9062         | Medical Equipment Repairers   | 20         | 30    | 10                           | 52.4%   | 20             | N/A              | Associate degree                        |
| 49-9098         | Helpers--Installation, Maintenance, and Repair Workers  | 140        | 170   | 30                           | 23.6%   | 100            | \$9.40           | Short-term on-the-job training          |
| 51-1011         | First-Line Supervisors/Managers of Production and Operating Workers                                       | 490        | 520   | 30                           | 5.3%    | 90             | \$24.39          | Work experience in a related occupation |
| 51-2022         | Electrical and Electronic Equipment Assemblers  | 50         | 40    | -10                          | -12.5%  | 10             | \$12.97          | Short-term on-the-job training          |
| 51-2041         | Structural Metal Fabricators and Fitters  | 60         | 60    | 10                           | 8.5%    | 20             | \$13.77          | Moderate-term on-the-job training       |
| 51-2092         | Team Assemblers   | 910        | 1,080 | 170                          | 18.4%   | 370            | \$13.24          | Moderate-term on-the-job training       |
| 51-2099         | Assemblers and Fabricators, All Other   | 20         | 20    | 0                            | 20.0%   | 10             | \$9.38           | Moderate-term on-the-job training       |
| 51-3011         | Bakers  | 130        | 140   | 10                           | 10.4%   | 50             | \$9.68           | Long-term on-the-job training           |
| 51-3021         | Butchers and Meat Cutters   | 120        | 140   | 20                           | 16.8%   | 60             | \$11.75          | Long-term on-the-job training           |
| 51-4021         | Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic                          | 350        | 350   | 10                           | 2.6%    | 80             | \$17.21          | Moderate-term on-the-job training       |
| 51-4031         | Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic                   | 130        | 120   | -10                          | -6.2%   | 30             | \$15.84          | Moderate-term on-the-job training       |
| 51-4033         | Grinding, Lapping, Polishing, and Buffing Machine Tool Setters, Operators, and Tenders, Metal and Plastic | 60         | 50    | -10                          | -8.9%   | 10             | \$14.44          | Moderate-term on-the-job training       |
| 51-4035         | Milling and Planing Machine Setters, Operators, and Tenders, Metal and Plastic                            | 20         | 20    | 0                            | 5.6%    | 10             | \$16.93          | Moderate-term on-the-job training       |
| 51-4041         | Machinists  | 120        | 120   | 0                            | 2.5%    | 20             | \$18.00          | Long-term on-the-job training           |
| 51-4072         | Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic               | 350        | 360   | 10                           | 2.9%    | 80             | N/A              | Moderate-term on-the-job training       |
| 51-4121         | Welders, Cutters, Solderers, and Brazers  | 620        | 680   | 60                           | 9.9%    | 250            | \$14.29          | Postsecondary vocational training       |
| 51-6011         | Laundry and Dry-Cleaning Workers  | 140        | 180   | 40                           | 31.2%   | 70             | \$8.57           | Moderate-term on-the-job training       |
| 51-7011         | Cabinetmakers and Bench Carpenters  | 30         | 40    | 10                           | 23.5%   | 20             | N/A              | Long-term on-the-job training           |
| 51-8031         | Water and Liquid Waste Treatment Plant and System Operators   | 170        | 240   | 60                           | 36.6%   | 100            | \$13.21          | Long-term on-the-job training           |
| 51-8093         | Petroleum Pump System Operators, Refinery Operators, and Gaugers  | 380        | 380   | 0                            | -1.0%   | 90             | \$21.41          | Long-term on-the-job training           |
| 51-9011         | Chemical Equipment Operators and Tenders  | 30         | 30    | 0                            | 0.0%    | 0              | \$12.97          | Moderate-term on-the-job training       |
| 51-9023         | Mixing and Blending Machine Setters, Operators, and Tenders   | 170        | 220   | 50                           | 30.1%   | 80             | \$20.13          | Moderate-term on-the-job training       |
| 51-9061         | Inspectors, Testers, Sorters, Samplers, and Weighers  | 490        | 500   | 0                            | 0.4%    | 90             | \$19.94          | Moderate-term on-the-job training       |
| 51-9111         | Packaging and Filling Machine Operators and Tenders   | 320        | 330   | 10                           | 3.8%    | 70             | \$12.30          | Short-term on-the-job training          |
| 51-9122         | Painters, Transportation Equipment  | 60         | 60    | 0                            | 0.0%    | 20             | \$16.60          | Moderate-term on-the-job training       |
| 51-9198         | Helpers--Production Workers   | 400        | 400   | 0                            | -0.2%   | 70             | \$10.99          | Short-term on-the-job training          |
| 53-1031         | First-Line Supervisors/Managers of Transportation and Material-Moving Equipment Operators and Laborers    | 180        | 190   | 10                           | 5.5%    | 40             | \$24.94          | Work experience in a related occupation |
| 53-3021         | Bus Drivers, Transit and Intercity  | 20         | 30    | 10                           | 20.8%   | 10             | \$14.44          | Moderate-term on-the-job training       |
| 53-3022         | Bus Drivers, School   | 230        | 230   | -10                          | -2.6%   | 40             | \$9.51           | Moderate-term on-the-job training       |
| 53-3031         | Driver/Sales Workers  | 520        | 660   | 150                          | 28.5%   | 240            | \$13.51          | Short-term on-the-job training          |
| 53-3032         | Truck Drivers, Heavy and Tractor-Trailer  | 2,040      | 2,610 | 560                          | 27.4%   | 930            | \$17.18          | Short-term on-the-job training          |
| 53-3033         | Truck Drivers, Light or Delivery Services   | 640        | 770   | 130                          | 19.4%   | 240            | \$12.04          | Short-term on-the-job training          |
| 53-3041         | Taxi Drivers and Chauffeurs   | 180        | 240   | 60                           | 32.6%   | 90             | \$10.18          | Short-term on-the-job training          |
| 53-7021         | Crane and Tower Operators   | 30         | 40    | 0                            | 6.1%    | 10             | \$21.66          | Long-term on-the-job training           |
| 53-7032         | Excavating and Loading Machine and Dragline Operators   | 320        | 400   | 80                           | 26.1%   | 180            | \$16.23          | Moderate-term on-the-job training       |
| 53-7051         | Industrial Truck and Tractor Operators  | 260        | 300   | 40                           | 16.0%   | 120            | \$13.77          | Short-term on-the-job training          |
| 53-7061         | Cleaners of Vehicles and Equipment  | 130        | 160   | 30                           | 21.8%   | 80             | \$8.47           | Short-term on-the-job training          |
| 53-7062         | Laborers and Freight, Stock, and Material Movers, Hand  | 1,820      | 2,060 | 230                          | 12.8%   | 820            | \$11.55          | Short-term on-the-job training          |
| 53-7063         | Machine Feeders and Offbearers  | 230        | 270   | 40                           | 15.0%   | 60             | \$16.22          | Short-term on-the-job training          |
| 53-7064         | Packers and Packagers, Hand   | 280        | 300   | 20                           | 7.6%    | 70             | \$10.00          | Short-term on-the-job training          |
| 53-7081         | Refuse and Recyclable Material Collectors   | 170        | 210   | 40                           | 25.6%   | 90             | \$12.07          | Short-term on-the-job training          |