

# BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS

## SOC: 13-0000

The most common industries employing business and financial operations occupations are management, consulting services, insurance carriers, accounting firms, bookkeeping and payroll services, employment services, and banking and financial institutions.

### Business Operations Specialists



- Claims Adjusters
- Human Resource Specialists
- Logisticians
- Event Planners
- Marketing Specialists

### Financial Specialists



- Accountants
- Insurance Underwriters
- Loan Officers
- Tax Preparers

In the past four years, local companies like the Sitel Group and Axle Logistics have expanded to add nearly 500 new jobs in this field. Additionally, new companies like IGT Technologies, Inc. and Lending Solutions, Inc. (LSI) have moved operations to Knoxville and brought nearly 500 more jobs to the area – most in business and financial operations.

## Major Local Employers of Occupation Group

### Region 1

- Anderson Media Group
- Bush Bros. & Co.
- Covenant Health
- CVS Health
- East Tennessee Children's Hospital
- Edfinancial Services
- Highway Transport Logistics
- Jewelry Television
- LSI
- Regions Bank
- Royal Brass & Hose
- Sitel Group
- TeamHealth
- The Pilot Company
- U.S. Postal Service
- University of Tennessee
- Walgreens

### Region 2

- ADT Security Services
- American Book Co.
- Cellular Sales, Inc.
- Discovery
- FedEx Ground
- IGT Solutions
- Kimberly-Clark Corp.
- Modern Supply Co.
- Pellissippi State Community College
- Pennant Foods (Wendy's)
- Phillips & Jordan
- Radio Systems Corp.
- Securities Service Network
- Sitel Group
- Swift Industrial Power
- Travelers Insurance
- U.S. Cellular Corp.
- United Parcel Service (UPS)

- University Physicians

- Visionary Solutions
- Weigel Stores

### Region 3

- Comcast
- Elavon
- Fraley and Schilling
- House-Hasson Hardware
- Johnson University
- Kelsan, Inc.
- Leisure Pools USA
- University Health System

### Region 4

- Norfolk Southern Corp.

### Region 5

- 21st Mortgage Corp.
- Axle Logistics
- Brothers Management (McDonald's)

- City of Knoxville
- Coastal Supply Co.
- First Tennessee Bank
- G.C. Services
- Home Federal Bank
- Knox County Government
- Knoxville TVA Employees Credit Union
- Knoxville Utilities Board (KUB)
- Tennessee Operating Partners (Burger King)
- Tennessee Valley Authority (TVA)
- Tennova Healthcare
- The H.T. Hackney Co.
- Truist
- U.S. Bank

# BUSINESS AND FINANCIAL OPERATIONS OCCUPATIONS SOC: 13-0000

## High School Diploma

(\$41,600 median advertised salary)

Mortgage Loan Officer  
Financial Relationship Consultant  
Human Resources Generalist  
Consumer Loan Specialist  
Medical Claims Specialist

## Associate Degree

(\$44,700 median advertised salary)

Buyer  
Contract Specialist  
Recruiter  
Human Resource Specialist  
Accountant

## Bachelor Degree

(\$54,900 median advertised salary)

Project Manager  
Human Resource Generalist  
Accountant  
Financial Analyst  
Recruiter  
Business Analyst  
Buyer

## Master Degree

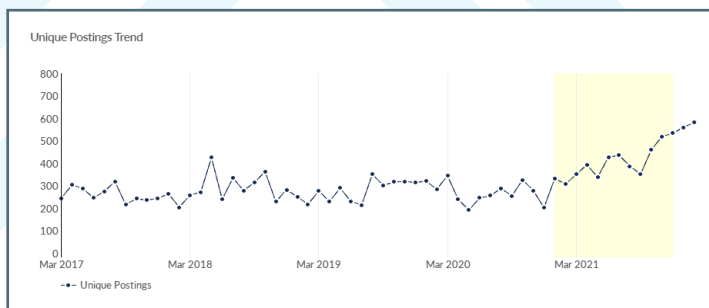
(\$61,800 median advertised salary)

Project Manager  
Financial Analyst  
Accountant  
Internal Auditor

## Ph.D.

(median advertised salary N/A)

Compliance Investigator  
Business Analyst  
Fraud Analyst



Number of business and financial operation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC-13000 occupations in the Knoxville MSA: \$70,600

# COMPUTER & MATHEMATICAL OCCUPATIONS

## SOC: 15-0000

The most common industries employing computer and mathematical occupations include computer systems design, healthcare, insurance carriers, colleges and universities, banking and finance, and management.

### Computer Occupations



- Computer and Information Analysts
- Computer Support Specialists
- Database and Network Administrators and Architects
- Software Developers
- Web Developers
- Computer Programmers

### Mathematical Science Occupations

- Mathematicians
- Operations Research Analysts
- Statisticians

In the past five years, the Knoxville Chamber has worked with existing and new businesses, like SH Data Technologies (now TenHats) and CGI, to create nearly 500 new jobs that fall under computer occupations. Notable local businesses like Pilot Company, Oak Ridge National Laboratory, and the University of Tennessee continue to top the recruiting list for these occupations.

### Major Local Employers of Occupation Group

#### Region 1

- AT&T
- Bush Bros.
- Covenant Health
- Dura-Line
- East Tennessee Children's Hospital
- Jewelry Television
- Perceptics LLC
- Pilot Company
- Regions Bank
- TeamHealth
- University of Tennessee

#### Region 2

- ADT Security Services
- Pellissippi State Community College
- PerfectServe
- Radio Systems Corporation
- Securities Service Network
- Sitel Group
- Travelers Insurance
- U.S. Cellular
- University Physicians Association

#### Region 3

- Comcast
- Elavon
- Johnson University
- Star Construction
- University of Tennessee Medical Center

#### Region 4

- N/A

#### Region 5

- Truist
- CGI
- City of Knoxville
- First Tennessee Bank
- Home Federal Bank
- Knox County Government
- Knoxville Utilities Board
- TenHats
- Tennessee Valley Authority
- U.S. Bank
- Verana Health

# COMPUTER & MATHEMATICAL OCCUPATIONS

## SOC: 15-0000

### High School Diploma

(\$41,600 median advertised salary)

Help Desk Support Specialist  
IT Support Specialist  
Document Control Specialist  
Product Tester

### Associate Degree

(\$43,600 median advertised salary)

Help Desk Technician  
IT Support Technician  
Network Technician  
Software Developer

### Bachelor Degree

(\$80,300 median advertised salary)

Software Engineer  
Software Developer  
Systems Engineer  
DevOps Engineer  
Java Engineer  
Systems Administrator  
IT Project Manager  
Network Engineer  
Data Analyst

### Master Degree

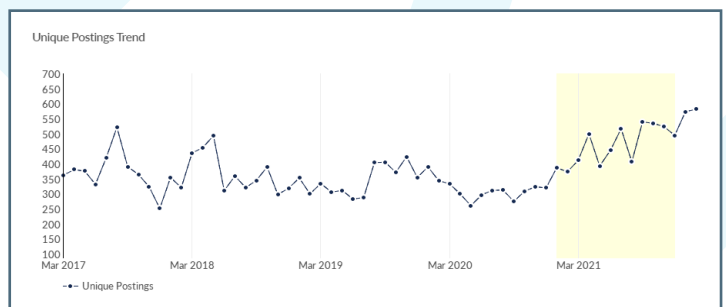
(\$87,400 median advertised salary)

Distinguished Scientist  
Staff Scientist  
Computational Scientist  
Vulnerability Analyst  
Data Scientist

### Ph.D.

(median advertised salary N/A)

Computational Scientist  
Research Scientist  
Distinguished Scientist  
Machine Learning Research Scientist



Number of computer and mathematical occupation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC-15000 occupations in the Knoxville MSA: \$76,400

Data compiled from JobsEQ and Emsi labor market analytics.

# ARCHITECTURE & ENGINEERING OCCUPATIONS

## SOC: 17-0000

The most common industries employing architecture and engineering occupations are architecture firms, engineering firms, construction, manufacturing, electric power generation, and scientific research and development.

### Architects, Surveyors, and Cartographers

- Architects
- Surveyors

### Engineers



- Aerospace Engineers
- Chemical Engineers
- Civil Engineers
- Electrical Engineers
- Industrial Engineers
- Mechanical Engineers
- Nuclear Engineers

### Drafters, Engineering Technicians, and Mapping Technicians

- Drafters
- Engineering Technicians

Engineers, particularly industrial, civil, electrical, and mechanical, are always in high demand in the Knoxville area. New companies, like Booz Allen Hamilton and Volkswagen Innovation Hub, have considered Knoxville's strong engineering presence when deciding to move their operations to the area. Existing employers like Oak Ridge National Laboratory, Keurig Dr. Pepper, Siemens, the University of Tennessee, and DeRoyal are known for attracting elite engineering talent.

### Major Local Employers of Occupation Group

#### Region 1

- Bush Bros. & Co.
- Covenant Health
- Dura-Line
- Flowers Foods
- Jacobs Engineering
- Knoxville Utilities Board
- S&ME
- Shoffner Kalthoff Mechanical Electrical Svc
- University of Tennessee
- WestRock

#### Region 2

- Bailey International
- Booz Allen Hamilton
- DeRoyal Industries
- Mesa Associates, Inc.
- Multicolor Corp
- Radio Systems Corp.
- Scapa Healthcare
- Siemens Healthcare
- Tranzonic Companies
- U.S. Cellular Corp.

#### Region 3

- Civil & Environmental Consultants
- Edgewell Personal Care
- Exedy America Corp.
- Fresenius Medical Care
- Keurig Dr. Pepper
- Leisure Pools USA
- Lifetime Products
- Rocore (Kelvion)

#### Region 4

- Cemex USA
- House of Thaller

#### Region 5

- Pattison Sign Group

# ARCHITECTURE & ENGINEERING OCCUPATIONS SOC: 17-0000

## High School Diploma

(\$41,600 median advertised salary)

Maintenance Technician  
Production Technician  
Manufacturing Technician  
Engineering Technician  
Automation Technician

## Associate Degree

(\$47,700 median advertised salary)

Maintenance Technician  
Engineering Technician  
Mechanical Designer  
Electronics Technician

## Bachelor Degree

(\$78,700 median advertised salary)

Mechanical Engineer  
Structural Engineer  
Electrical Engineer  
Process Engineer  
Civil Engineer  
Nuclear Engineer

## Master Degree

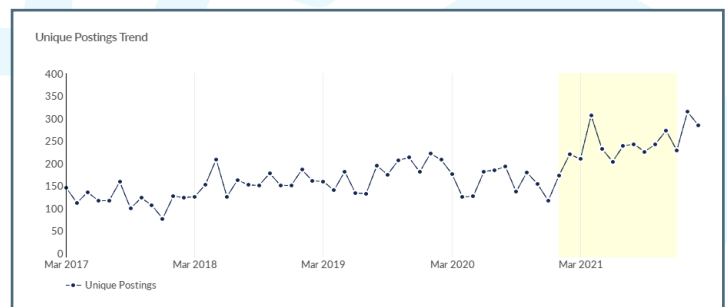
(median advertised salary N/A)

Mechanical Engineer  
Nuclear Engineer  
Structural Engineer

## Ph.D.

(median advertised salary N/A)

Nuclear Engineer  
Performance Engineer



Number of architecture and engineering occupation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC 17-0000 occupations in the Knoxville MSA: \$84,900

Data compiled from JobsEQ and Emsi labor market analytics.

# COMMUNITY & SOCIAL SERVICE OCCUPATIONS

## SOC: 21-0000

The most common industries employing community and social service occupations are religious organizations, family services, elementary and secondary schools, hospitals, medical offices, colleges, universities, and emergency services.

### Counselors, Social Workers, and Other Community and Social Service Specialists

- Counselors
- Social Workers

### Religious Workers

- Clergy
- Education

Employment in community and social service occupations is projected to grow 12% nationally from 2020 to 2030, faster than the average for all occupations. Growth in this area can be attributed to the increased need for drug abuse counseling, rehabilitation counseling, and school and career counseling.

## Major Local Employers of Occupation Group

### Region 1

- Camellia Home Health of East Tennessee
- Cherokee Health Systems
- Covenant Health
- East Tennessee Children's Hospital
- Maxim Healthcare Services
- Presbyterian Homes of TN
- Summit Medical Group
- University of Tennessee

### Region 2

- Quality Home Health
- University Physicians
- Youth Villages

### Region 3

- University Health System

### Region 4

- Hillcrest Healthcare

### Region 5

- Emerald Youth Foundation
- Helen Ross McNabb Center
- Knoxville Area Rescue Ministries
- Salvation Army
- YMCA of East Tennessee

# COMMUNITY & SOCIAL SERVICE OCCUPATIONS SOC: 21-0000

## High School Diploma

(\$28,900 median advertised salary)

Counselor  
Behavior Support Specialist  
Program Counselor

## Associate Degree

(\$37,500 median advertised salary)

Behavior Support Specialist  
Program Counselor  
Family Services Counselor

## Bachelor Degree

(\$32,400 median advertised salary)

Counselor  
Social Worker  
Care Coordinator  
DCS Case Manager

## Master Degree

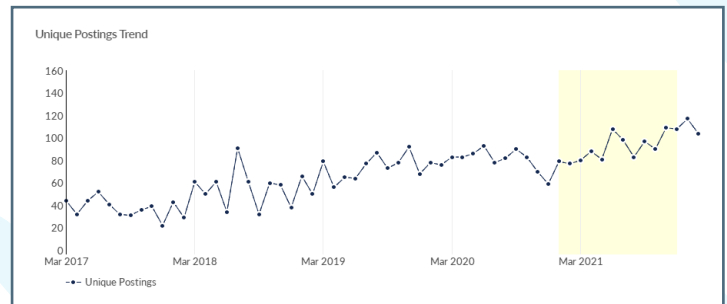
(\$42,900 median advertised salary)

Clinical Counselor  
Medical Social Worker  
Behavior Analyst  
Crisis Response Coordinator

## Ph.D.

(median advertised salary N/A)

Psychiatric Social Worker  
Vocational Rehabilitation Counselor



Number of community & social service occupation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC 21-0000 occupations in the Knoxville MSA: \$45,300

Data compiled from JobsEQ and Emsi labor market analytics.



# LEGAL OCCUPATIONS

## SOC: 23-0000

The most common industries employing legal occupations are legal services, insurance carriers, executive offices, and offices of real estate agents and brokers.

### Lawyers, Judges, and Related Workers

- Lawyers
- Judicial Law Clerks
- Arbitrators
- Mediators
- Judges

### Legal Support Workers

- Paralegals
- Legal Assistants

As law firms try to increase the efficiency of legal services and reduce their costs, there is expected to be strong demand to hire more paralegals and legal assistants. Additionally, the Knoxville area's federal and governmental agencies like Tennessee Valley Authority, University of Tennessee, Oak Ridge National Laboratory, and Y-12 frequently require on-staff legal professionals.

### Major Local Employers of Occupation Group

#### Region 1

- Team Health
- University of Tennessee

#### Region 2

- Discovery

#### Regions 3 & 4

- N/A

#### Region 5

- City of Knoxville
- Knox County Government
- Tennessee Valley Authority

# LEGAL OCCUPATIONS

## SOC: 23-0000

### High School Diploma

(\$28,900 median advertised salary)

Title Clerk  
Legal Assistant  
Paralegal

### Associate Degree

(median advertised salary N/A)

Legal Assistant  
Dispute Analyst  
Paralegal

### Bachelor Degree

(\$35,500 median advertised salary)

Paralegal  
Legal Assistant  
Legal Services Manager

### Master Degree

(median advertised salary N/A)

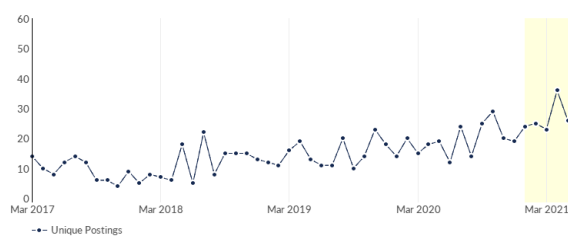
Assurance Partner  
Strategic Partnerships Manager

### Ph.D.

(\$88,300 median advertised salary)

Associate General Counsel  
Attorney Advisor  
State Attorney  
Attorney Partner

Unique Postings Trend



Number of legal occupation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC 23-0000 occupations in the Knoxville MSA: \$90,800

Data compiled from JobsEQ and Emsi labor market analytics.

# EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS

## SOC: 25-0000

The most common industries employing community and social service occupations are religious organizations, family services, elementary and secondary schools, hospitals, medical offices, colleges, universities, and emergency services.

### Postsecondary Teachers

### Preschool, Elementary, Middle, Secondary, and Special Education Teachers



### Other Teachers and Instructors

- Adult Basic Education Instructors
- English as a Second Language Instructors
- Substitute Teachers

### Librarians, Curators, and Archivists

### Other Educational Instruction and Library Occupations

- Teaching Assistants

Employment in education, training, and library occupations is projected to grow 10% nationally from 2020 to 2030. Student enrollment is projected to increase; therefore, all levels of educator will be needed to meet demand.

## Major Local Employers of Occupation Group

#### Region 1

- Boys and Girls Club
- Knox County Schools
- South College
- Tennessee College of Applied Technology
- University of Tennessee

#### Region 2

- Boys and Girls Club
- King University
- Knox County Schools
- Lincoln Memorial University
- Pellissippi State Community College

#### Region 3

- Johnson University

#### Region 4

- Boys and Girls Club
- Knox County Schools

#### Region 5

- Boys and Girls Club
- Knox County Schools
- Knoxville College

# EDUCATION, TRAINING, AND LIBRARY OCCUPATIONS SOC: 25-0000

## High School Diploma

(\$22,800 median advertised salary)

Preschool Teachers  
Child Care Teachers  
Assistant Teachers

## Associate Degree

(\$24,300 median advertised salary)

Peer Tutors  
Child Care Teachers  
Early Childhood Teachers  
After School Program Counselor

## Bachelor Degree

(\$37,500 median advertised salary)

Teacher  
Preschool Teacher  
Instructional Designer  
Education Assistant

## Master Degree

(\$46,200 median advertised salary)

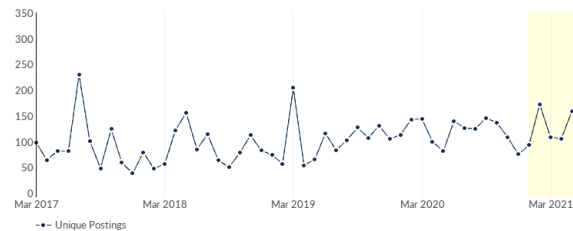
Adjunct Instructor  
Extension Agent

## Ph.D.

(median advertised salary N/A)

Adjunct Instructor  
Professor

Unique Postings Trend



# ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS | SOC: 27-0000

The most common industries employing arts, design, entertainment, sports, and media occupations are motion pictures and video industries, broadcasting, colleges and universities, advertising and public relations firms, and performing arts companies.

## Art and Design Workers

- Art Directors
- Special Effects Artists and Animators
- Graphic Designers
- Interior Designers

## Entertainers and Performers, Sports, and Related Workers

- Actors
- Producers and Directors
- Athletes
- Dancers
- Music Directors
- Musicians and Singers

## Media and Communication Workers and Equipment Workers

- News Analysts, Reporters, and Journalists
- Public Relations Specialists
- Editors
- Interpreters and Translators
- Broadcast, Sound, and Lighting Technicians
- Photographers
- Television, Video, and Film Camera Operators and Editors

Employment in arts, design, entertainment, sports, and media occupations is projected to grow 22% nationally, much faster than the average for all occupations. This is due to the strong demand from the public for more movies and television shows, as well as the increasing popularity of sports. Locally, our growth within this job cluster is centered around media occupations. While we do have large entertainment and media companies like Discovery, Jupiter Entertainment/ The Production Hive, Jewelry Television, and RIVR Media, we also see strong recruiting from the University of Tennessee and local news stations like WBIR, WATE, and WVLTV.

## Major Local Employers of Occupation Group

### Region 1

- Bandit Lites
- Gold's Gym
- Gray Television (WVLTV)
- Jewelry Television
- Jupiter Entertainment

- Knoxville Coca-Cola Bottling Co.
- National Fitness Center
- The Production Hive
- RIVR Media
- The University of Tennessee

### Region 2

- Discovery

### Region 3

- N/A

### Region 4

- Nexstar Broadcasting Group (WATE)

- Tegna (WBIR)

### Region 5

- Gannett (Knox News)
- Nexstar Broadcasting Group (WATE)
- Tegna (WBIR)

# ARTS, DESIGN, ENTERTAINMENT, SPORTS, AND MEDIA OCCUPATIONS | SOC: 27-0000

## High School Diploma

(\$27,000 median advertised salary)

Merchandiser  
Studio Technician  
News Photographer

## Associate Degree

(\$37,000 median advertised salary)

Studio Technician  
Photo Editor  
Animator  
Designer

## Bachelor Degree

(\$46,000 median advertised salary)

News Producer  
Communications Specialist  
Graphic Designer  
News Reporter

## Master Degree

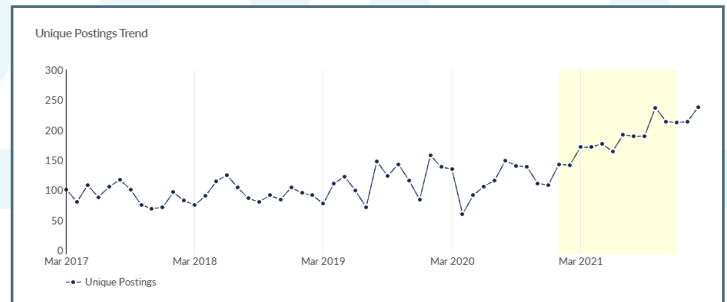
(median advertised salary N/A)

Multimedia Journalist  
Product Development Engineer  
News Director

## Ph.D.

(median advertised salary N/A)

Professor  
Communications Associate



Number of media occupation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC 27-0000 occupations in the Knoxville MSA: \$53,500

Data compiled from JobsEQ and Emsi labor market analytics.

# HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS | SOC: 29-0000

The most common industries employing healthcare practitioners and technical occupations are hospitals, physicians offices, nursing care facilities, pharmacies, dental offices, veterinary services, elementary and secondary schools, and colleges and universities.

## Healthcare Diagnosing or Treating Practitioners



- Chiropractors
- Dentists
- Physical Therapists
- Speech-Language Pathologists
- Veterinarians
- Registered Nurses
- Nurse Anesthetists
- Nurse Practitioners
- Physicians
- Surgeons

## Health Technologists and Technicians



- Diagnostic Media Sonographers
- Nuclear Medicine Technologists
- Paramedics
- Support Technologists
- Licensed Practical and Licensed Vocation Nurses
- Opticians

Employment in healthcare occupations is expected to grow nationally by 16% in the next ten years, much faster than the average for all occupations, and is projected to add more jobs than any other occupational group. This is mainly due to an aging population, leading to greater demand for healthcare.

## Major Local Employers of Occupation Group

### Region 1

- Camellia Home Health of East Tennessee
- Cherokee Health Systems
- Covenant Health
- CVS Health
- East Tennessee Children's Hospital
- OrthoTennessee

- Presbyterian Homes of TN
- Summit Medical Group
- University Health System

### Region 2

- American Medical Response
- Priority Ambulance

- Tennova Healthcare
- University Physicians

### Region 3

- University Health System

### Region 4

- Hillcrest Healthcare

### Region 5

- McNabb Center

# HEALTHCARE PRACTITIONERS AND TECHNICAL OCCUPATIONS | SOC: 29-0000

## High School Diploma

(\$31,100 median advertised salary)

Pharmacy Technician  
 Patient Service Representative  
 X-Ray Technologist  
 Emergency Medical Technician  
 Laboratory Assistant  
 Laboratory Technician

## Associate Degree

(\$41,600 median advertised salary)

Registered Nurse  
 License Practical Nurse  
 Pharmacy Technician  
 Emergency Medical Technician  
 Laboratory Technician

## Bachelor Degree

(\$51,500 median advertised salary)

Registered Nurse  
 Staff Nurse  
 Case Manager  
 Registered Dietitian

## Master Degree

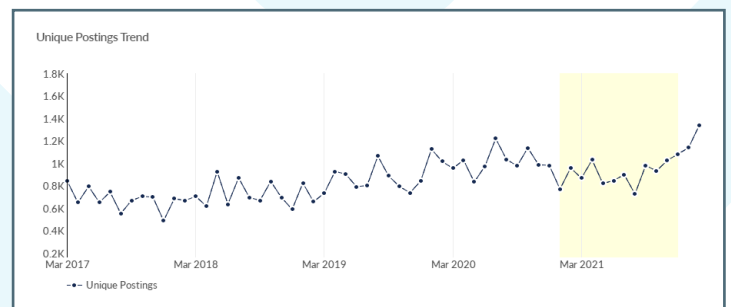
(\$73,100 median advertised salary)

Speech Language Pathologist  
 Physical Therapist  
 Nurse Practitioner  
 Occupational Therapist

## Ph.D.

(\$98,600 median advertised salary)

Pharmacist  
 Physician



Number of healthcare occupation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC 29-0000 occupations in the Knoxville MSA: \$75,800

Data compiled from JobsEQ and Emsi labor market analytics.



# HEALTHCARE SUPPORT OCCUPATIONS

## SOC: 31-0000

The most common industries employing healthcare practitioners and technical occupations are hospitals, physicians offices, nursing care facilities, pharmacies, dental offices, veterinary services, elementary and secondary schools, and colleges and universities.

### Home Health and Personal Care Aides; and Nursing Assistants



### Occupational Therapy and Physical Therapist Assistants and Aides

### Other Healthcare Support

- Massage Therapists
- Dental Assistants
- Medical Assistants
- Pharmacy Aides
- Veterinary Assistants
- Phlebotomists

Employment in healthcare occupations is expected to grow nationally by 16% in the next ten years, much faster than the average for all occupations, and is projected to add more jobs than any other occupational group. This is mainly due to an aging population, leading to greater demand for healthcare.

## Major Local Employers of Occupation Group

#### Region 1

- Camellia Home Health of East Tennessee
- Cherokee Health Systems
- Covenant Health
- CVS Health
- East Tennessee Children's Hospital
- OrthoTennessee
- Presbyterian Homes of TN
- Summit Medical Group
- University Health System

#### Region 2

- American Medical Response
- Priority Ambulance
- Tennova Healthcare
- University Physicians

#### Region 3

- University Health System

#### Region 4

- Hillcrest Healthcare

#### Region 5

- McNabb Center

# HEALTHCARE SUPPORT OCCUPATIONS SOC: 31-0000

## High School Diploma

(\$25,700 median advertised salary)

Phlebotomist  
 Medical Assistant  
 Direct Support Professional  
 Caregiver  
 Certified Nursing Assistant  
 Dental Assistant

## Associate Degree

(\$30,500 median advertised salary)

Certified Nursing Assistant  
 Certified Medical Assistant  
 Sterile Technician

## Bachelor Degree

(median advertised salary N/A)

N/A

## Master Degree

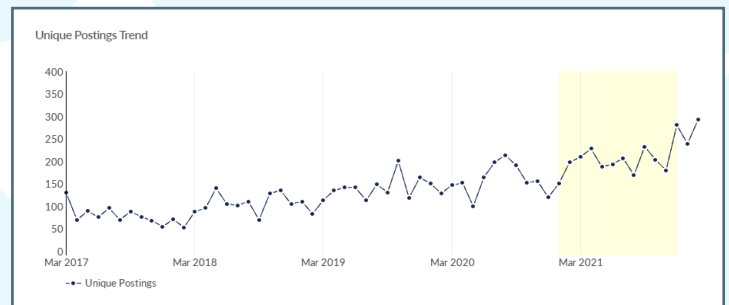
(median advertised salary N/A)

N/A

## Ph.D.

(median advertised salary N/A)

N/A



Number of healthcare support occupation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC 31-0000 occupations in the Knoxville MSA: \$28,900

Data compiled from JobsEQ and Emsi labor market analytics.

# CONSTRUCTION AND EXTRACTION OCCUPATIONS

## SOC: 47-0000

The most common industries employing construction and extraction occupations are construction, electric power generation, transmission, and distribution, and architectural and engineering firms.

### Construction Trades Workers



- Carpenters
- Electricians
- Pipelayers, Plumbers, Pipefitters, and Steamfitters
- Sheet Metal Workers
- Structural Iron and Steel Workers

### Extraction Workers

- Derrick Operators, Oil and Gas
- Surface Mining Machine Operators
- Explosives Workers

As Knoxville continues to grow at an accelerated rate, there will be an increased demand for new buildings, roads, and other structures. Additionally, Oak Ridge National Laboratory and Y-12 both continually need skilled construction trades workers causing strained demand for employers in the private sector.

### Major Local Employers of Occupation Group

#### Region 1

- Blaine Construction
- The Christman Company
- Denark Construction
- Interstate Mechanical Service
- Messer Construction Company

#### Region 2

- J.S. Ridenour Construction
- Lloyd's Electric Service
- Merit Construction
- Phillips & Jordan
- Pipe Wrench Plumbing, Heating and Cooling

#### Region 3

- ATC Drivetrain
- Star Construction

#### Region 4

- Creative Structures
- Harrison Construction Company

#### Region 5

- City of Knoxville
- Del-Air Mechanical
- Johnson & Galyon
- Knox County Government
- ShoffnerKalthoff Mechanical Electrical Services

# CONSTRUCTION AND EXTRACTION OCCUPATIONS SOC: 47-0000

## High School Diploma

(\$37,500 median advertised salary)

Handyman  
Laborer  
Painter

## Associate Degree

(\$39,600 median advertised salary)

Field Service Technician  
Carpenter  
Journeyman Electrician  
Journeyman Plumber

## Bachelor Degree

(\$37,500 median advertised salary)

Construction Superintendent  
Project Superintendent

## Master Degree

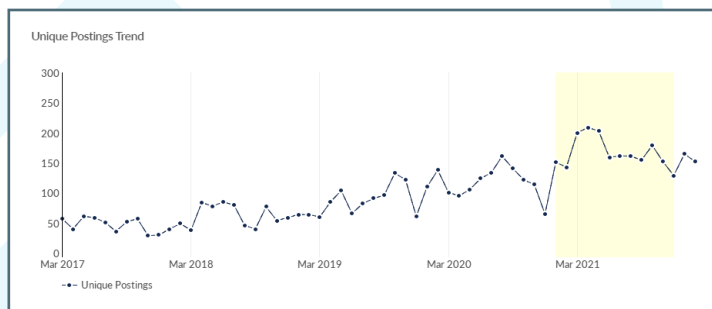
(median advertised salary N/A)

Construction Inspector

## Ph.D.

(median advertised salary N/A)

N/A



Number of construction and extraction occupation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC 47-0000 occupations in the Knoxville MSA: \$44,100

Data compiled from JobsEQ and Emsi labor market analytics.

# INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS | SOC: 49-0000

The most common industries employing installation, maintenance, and repair occupations are automotive repair and maintenance shops, construction, car dealers, wired telecommunications carrier, electric power generation, transmission, and distribution, and commercial and industrial machinery and equipment.

## Electrical and Electronic Equipment Mechanics, Installers, and Repairers

- Radio and Telecommunications Equipment Installers, and Repairs
- Avionics Technicians
- Electrical and Electronics Repairers, Powerhouse, Substation, and Relay

## Vehicle and Mobile Equipment Mechanics, Installers, and Repairers

- Aircraft Mechanics and Service Technicians
- Automotive Technicians and Repairers
- Bus and Truck Mechanics and Diesel Engine Specialists
- Heavy Vehicle and Mobile Equipment Service Technicians and Mechanics
- Small Engine Mechanics

## Other Installation, Maintenance, and Repair Occupation

- Heating, Air Conditioning, and Refrigeration Mechanics and Installers
- Industrial Machinery Mechanics
- Machinery Maintenance Workers
- Line Installers and Repairers



With Knoxville's strong presence of manufacturing businesses, industrial machinery and maintenance careers will continue to grow. Additionally, TVA continues to recruit strongly in the area, and KUB's addition of broadband service will increase the need for installers.

## Major Local Employers of Occupation Group

### Region 1

- ARC Automotive
- CMC Steel Tennessee
- Dow Chemical Co
- Hicks Plastics
- Joyson Safety Systems
- Knoxville Coca-Cola Bottling Co.
- Knox News
- Reily Foods
- Scapa Healthcare
- WestRock

### Region 2

- DeRoyal Industries
- Elo Touch Solutions
- Emerson Automation Solutions
- Flowers Baking Co.
- Multicolor Corp
- Omega Plastics
- Scapa Healthcare
- Tranzonic Companies
- Travis Meats

### Region 3

- Fraley and Schilling
- Keurig Dr. Pepper
- Lifetime Products
- Melaleuca, Inc.
- PSC Metals
- Republic Plastics
- Rogers Group
- Timken RBS Corp.
- UnitedFlexible (Fulton Bellows)

- Valley Apparel
- Vulcan Materials

### Region 4

- Cemex USA
- Elevation Foods

### Region 5

- N/A

# INSTALLATION, MAINTENANCE, AND REPAIR OCCUPATIONS | SOC: 49-0000

## High School Diploma

(\$37,500 median advertised salary)

Maintenance Technician  
Service Technician  
Diesel Technician  
HVAC Technician

## Associate Degree

(\$41,600 median advertised salary)

Maintenance Technician  
Field Service Technician  
Diesel Mechanic

## Bachelor Degree

(\$39,600 median advertised salary)

Maintenance Supervisor  
Transmission Operator

## Master Degree

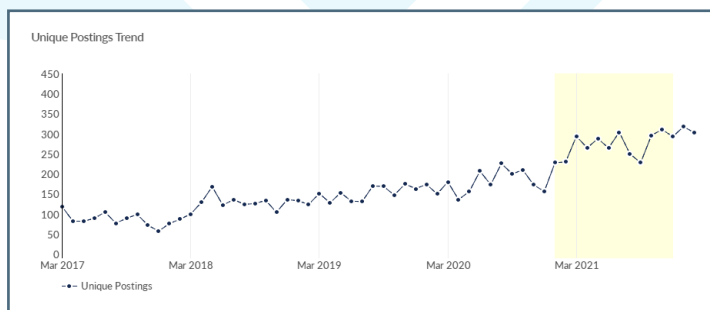
(median advertised salary N/A)

N/A

## Ph.D.

(median advertised salary N/A)

N/A



Number of installation, maintenance, and repair occupation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC 49-0000 occupations in the Knoxville MSA: \$45,900

Data compiled from JobsEQ and Emsi labor market analytics.

# PRODUCTION OCCUPATIONS

## SOC: 51-0000

The most common industries employing production occupations are motor vehicle equipment manufacturing, machinery manufacturing, machine shops, plastics product manufacturing, aircraft and parts manufacturing, construction, and medical equipment and supplies manufacturing.

### Assembler and Fabricators

- Electrical, Electronics, and Electromechanical Assemblers
- Engine and Other Machine Assemblers
- Structural Metal Fabricators and Fitters

### Food Processing Workers

### Metal Workers and Plastic Workers

- Machinists
- Tool and Die Makers
- Welding, Soldering, and Brazing Workers



### Printing Workers

### Textile, Apparel, and Furnishings Workers

### Woodworkers

### Plant and System Operators

### Other Production Occupations

- Computer Numerically Controlled Machine Operators

Production occupations are expected to lose about 39,000 nationally between 2020-2030 due to technological advancements. The critical occupations that are not going away in this cluster are CNC machinists, welders, and some other metal and plastic workers. Locally, Knoxville has added nearly 500 positions in these occupations in the last three years with expansions of Kelvion (Rocore), CMC Steel Tennessee, WS Packaging, and Innovate Manufacturing and the recruitment of ATC Drivetrain.

# Major Local Employers of Occupation Group

## Region 1

- Aramark
- CMC Steel Tennessee
- Food City
- Hicks Plastics
- Knoxville Coca-Cola Bottling Co.
- Pilot Company
- Reily Foods
- Scapa Healthcare

- The Fresh Market
- WestRock

## Region 2

- DeRoyal Industries
- Flowers Baking Co.
- Food City
- Innovate Manufacturing
- Multicolor Corp
- Omega Plastics

- Scapa Healthcare
- Tranzonic Companies
- Travis Meats
- Weigels

## Region 3

- Aqua-Chem, Inc.
- Fresenius Medical Care
- Rocore (Kelvion)
- Superior Steel

## Region 4

- Elevation Foods
- Food City

## Region 5

- Food City
- McNabb Center

## PRODUCTION OCCUPATIONS SOC: 51-0000

### High School Diploma

(\$31,100 median advertised salary)

Machine Operator  
Assembler  
Welder

### Associate Degree

(\$35,200 median advertised salary)

Production Supervisor  
Quality Inspector

### Bachelor Degree

(\$35,700 median advertised salary)

Production Supervisor  
Quality Assurance Specialist  
Plant Manager

### Master Degree

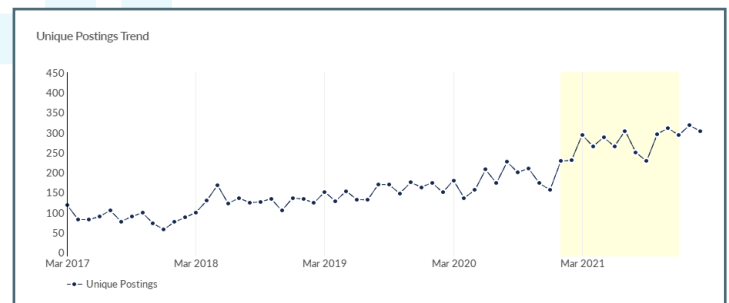
(median advertised salary N/A)

N/A

### Ph.D.

(median advertised salary N/A)

N/A



Number of production occupation job postings in the Knoxville MSA over time.



2020 mean annual wages for SOC 51-0000 occupations in the Knoxville MSA: \$39,600

Data compiled from JobsEQ and Emsi labor market analytics.