Using MERIC Tools and Data

Resources for job seekers, employers, and local decision makers

Presented by:
Chris Will
Laura Lester
What is MERIC?
Missouri Economic Research and Information Center

Missouri Department of Higher Education and Workforce Development
  • Office of Performance and Strategy
  • Postsecondary Education Research
  • Workforce Performance Data
  • MERIC – The state’s labor market information (LMI) agency
    • BLS cooperative labor market information programs
    • Economic and workforce research

Labor market information with a Missouri focus.

Variety of tools: printable PDFs, interactive features, data downloads

www.meric.mo.gov
Today’s Agenda

- Occupational Employment and Wage data
- Occupational Employment Projections
- Career Grades
- Real-time labor market (job postings) data
- Skills transfer
- Career Pathways
- How to connect with MERIC
MSA and WDA

**Metropolitan Statistical Area (MSA)**
- One or more counties centered around a large city
- Can cross state borders
- Not every county in the state is included in an MSA

**Workforce Development Area (WDA)**
- Entire State is divided into 10 WDAs
- Do not cross state borders
- Every county in the state is included in a WDA
Occupational Employment and Wage Statistics (OEWS)
https://meric.mo.gov/workforce-research/occupational-employment-wages

- Occupational Employment and Wage data
- Geography: State, WDA (Workforce Development Area), and MSA (Metropolitan Statistical Area)
- Based on Standard Occupational Classification (SOC) system.
  - Coding system for occupations
  - Occupational hierarchy with different levels of detail
  - SOC Example:
    - SOC major group: Installation, Maintenance, and Repair Occupations (SOC 49-0000)
      - SOC minor group: Electrical and Electronic Equipment Mechanics, Installers, and Repairers (SOC 49-2000)
        - SOC broad occupation: Miscellaneous Electrical and Electronic Equipment Mechanics, Installers, and Repairers (SOC 49-2090)
          - SOC detailed occupation: Avionics Technicians (SOC 49-2091)
Occupational Projections
https://meric.mo.gov/workforce-research/occupational-projections

- Projected employment and job openings
- Two Year Projections (Short-Term)
  - 2021-2023
  - Geography: State; KC WDA; STL WDA
- Ten Year Projections (Long-Term)
  - 2018-2028
  - Geography: State; all ten WDA regions
- Additional Data (on Excel spreadsheets)
  - Wages
  - Career Grade: occupations are graded based on outlook (based on average wages, percent growth, and total job openings)
  - NOW, NEXT, LATER: amount of preparation required for job
  - Education, Experience, OJT typically required for job
  - ACT WorkKeys Assessment Levels
  - STEM designation
Career Grades

2018-2028 Missouri Career Grades | Missouri Economic Research and Information Center (mo.gov)

• Tool to help compare the future outlook of occupations
• Career Grades can assist students, job seekers, displaced workers, educators and workforce professionals in choosing which careers have the best outlook
• Each occupation is assigned a letter grade from A+ to F
  • Each occupation’s grade is unique to its particular geographic region.
• Based on:
  • Projected Growth Percentage
  • Projected Total Openings
  • Average Wages
Real-Time Labor Market Data

Aggregates, mines and codes data from online job postings

- Number of Job Postings
- Occupations
- Industries
- Skills
- Employers
- Certifications
Real-Time Labor Market Summary

- Produced for the State and 10 WDAs
- Total Job Postings
- Employers with the most postings
- Industries with the most postings
- Occupations with the most Postings by Now, Next, Later categories
Career Research

Occupational Employment and Wage Estimates (OEWS)
The Occupational Employment and Wage Statistics (OEWS) program is a Federal-State cooperative effort that produces employment and wage estimates for about 800 different occupations. In Missouri, the program is operated by the Missouri Department of Higher Education and Workforce Development/Missouri Economic Research and Information Center (MERIC) in cooperation with the U.S. Department of Labor Bureau of Labor Statistics (BLS).

Occupational Projections
Employment projections give an overview of where the Missouri economy may be headed based on past and present trends.

Career Grades Report
Find out which jobs have the best pay, most openings and fastest growth by knowing their grade.

Career Pathways
Career pathways highlight different jobs in sectors, from entry-level to higher skill, that are in demand

Online Job Postings
View aggregated job postings data to show trends over time

Skills Transfer
While some occupations were particularly impacted by the COVID pandemic, the valuable skills developed from those occupations may transfer to other job opportunities.

Skills Transfer - Food Service - PDF
Skills Transfer - Sales - PDF
Skills Transfer - Healthcare - PDF

Quick Links
• Research for Recovery
• Occupation Projections
• Real Time Job Summary
• Occupational Employment and Wages

Workforce Focus

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Online Job Postings Dashboard

- Total postings and top occupations and industries posted each month
- State and 10 WDAs

Data Source: Emsi Burning Glass Technologies/Labor Insight™
## Online Job Postings Dashboard

Download data in a variety of formats

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<thead>
<tr>
<th>SOC Code</th>
<th>Occupation Title</th>
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<td>Home Health and Personal Care Aides</td>
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<td>29-2098</td>
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<td>Licensed Practical and Licensed Vocational Nurses</td>
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Skills Transfer Reports

Skills Transfer

While some occupations were particularly impacted by the COVID pandemic, the valuable skills developed from those occupations may transfer to other job opportunities.

- Skills Transfer - Food Service - PDF
- Skills Transfer - Sales - PDF
- Skills Transfer – Office Administration and Support - PDF
Skills Transfer Reports

- Office and Admin. Support, Food Service, and Sales
- Find in-demand jobs with similar skills
- What skills do the occupations have in common?
- What additional skills or training is needed?

Customer Service Representatives ($36,580)
Office Clerks, General ($36,060)
Receptionists & Information Clerks ($29,930)

Skills in Common:
Administrative Support, Customer Service, Scheduling, Appointment Setting

Related Jobs:
- Interviewers, Except Eligibility and Loan ($34,230)
- Medical Secretaries ($36,610)
- Insurance Claims and Policy Processing Clerks ($33,670)
- Medical Records and Health Information Technicians ($47,160)
- Billing and Posting Clerks ($38,910)
- Secretaries & Administrative Assistants ($37,310)

Number of Job Postings Over the Last Six Months:
- 165
- 1,905
- 340
- 1,408
- 511
- 3,988

Additional Skills:
- Data Entry
- Patient Safety
- Academic Advisor
- Patient Billing
- Front Office
- Patient Contact
- Customer Billing
- Claims Adjuster
- Claims Knowledge
- Claims Processing
- Customer Contact
- Medical Billing
- Health Info.
- Management
- ICD-10
- Medical Records
- Billing Data Entry
- Billing Systems
- Accounting
- Data Entry
- Spreadsheets
- Travel Arrangements
- Budgeting
- Mailing

Requested Education / Certification:
- None
- Basic Life Saving (BLS)
- First Aid/CFR/AED
- Cert. Med. Assistant
- Adjuster License
- Insurance Agent Certified
- Insurance License
- None
- None
- Vocational Training in Health Information/Medical Records/Administration
- Certified Professional Coder
- Registered Health Information Technician
- Medical Billing and Coding Certification

Time to Transition:
- ✓ Little or No Preparation Needed
- Some Preparation Needed
- Considerable Preparation Needed

Career Pathways

Career Pathways

Career Pathways highlight different jobs in sectors, from entry-level to higher skill, that are in demand.

Skills Transfer

While some occupations were particularly impacted by the COVID pandemic, the valuable skills developed from those occupations may transfer to other job opportunities.

- Skills Transfer - Food Service - PDF
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- Skills Transfer – Office Administration and Support - PDF
Career Pathways

Missouri Career Pathways

What are Career Pathways?

A person can continue to build upon their skills and education throughout their career. Each of the career pathways lists occupations at different education and training levels. **Now** occupations typically require short-term on-the-job training. **Next** occupations require training beyond a high school diploma, such as a certificate, associate’s degree, apprenticeship, or moderate- to long-term training. **Later** occupations typically require a bachelor’s degree or beyond. Find your current occupation and see where the next steps of education and training can lead.

Industry Career Pathways

- Agribusiness
- Bio-Sciences
- Construction
- Education
- Energy
- Financial & Professional Services
- Health Science
- Hospitality & Food Service
- Information Technology
- Manufacturing
- Transportation & Logistics

Other Resources

- Excel Worksheet
- In-Demand Programming Languages
Career Pathways

- Quick facts on the number of employers and employees and the industry average wage
- Definition of Career Pathways
- Industry-specific information
- Knowledge, skills and abilities for success in the industry
- Employers posting job ads
## Career Pathways

- **Career paths mapped for options within industry**
- **Occupations in Now, Next and Later categories**
- **Entry and average wages listed for jobs**
- **Degrees and certificates specific to occupation levels listed**

### Now
- **Short-Term On-the-Job Training**
  - Home Health & Personal Care Aides: Entry: $21,800; Average: $36,840
  - Psychiatric Aides: Entry: $24,300; Average: $29,010
  - Certificates: Home Health Aide, Certified Caregiver, First Aid CPR AED, Nursing Assistant
  - Certificates: First Aid CPR AED

### Next
- **Certificate, Associate Degree, Apprenticeship, Moderate-to-Long-Term On-the-Job Training**
  - Nursing Assistants: Entry: $22,550; Average: $27,720
  - Dental Assistants: Entry: $22,060; Average: $28,810
  - Certificates: Dental Hygienist, Dental Assistant American, First Aid CPR AED
  - Licenced Practical & Vocational Nurses: Entry: $32,000; Average: $44, 490
  - Emergency Medical Technicians: Entry: $30,140; Average: $36,176

### Later
- **Bachelor’s Degree or Advanced Degree**
  - Registered Nurses: Entry: $52,860; Average: $65,800
  - Dentists: Entry: $117,830; Average: $157,030
  - Degrees: Nursing Science, Physical Therapy, Medicine
  - Physical Therapists: Entry: $70,760; Average: $84,060
  - Pharmacists: Entry: $111,740; Average: $127,430
  - Degrees: Social Work, Pharmacy, Mental Health, Dental Medicine
  - Family Medicine Physicians: Entry: $167,490; Average: $194,120
  - Healthcare Social Workers: Entry: $37,040; Average: $49,050

### Sources:
- Earnings Glass Technologies LaborInsight tool
- Employment and Training Administration, Competency Model Clearinghouse

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# Career Pathways

## Health Care

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## Business Operations

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## Department of Higher Education and Workforce Development
About Us

MERIC is the research division of the Missouri Department of Higher Education and Workforce Development’s Office of Performance & Strategy. We provide innovative analyses and assistance to policymakers and the public, including studies of the state’s economic trends, targeted industries, and labor markets.

MERIC research also includes workforce region studies, spatial analyses, and comprehensive coverage of the state’s industry and occupational data produced in cooperation with the U.S. Department of Labor. MERIC has been recognized with 15 national awards for research excellence since it was formed in 2001.

On our website you will find the latest research on Missouri industries, workforce, regions, and economic conditions. In today’s fast-paced global business environment, good information for sound decision-making is more than a strategic advantage -- it’s a necessity.

MERIC Mission:
Working Together to Produce and Deliver High Quality Information for Better Decisions

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