

Using MERIC Tools and Data

Resources for job seekers, employers, and local decision makers

05/03/2022

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

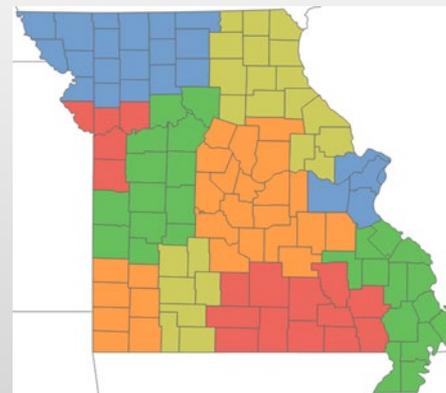
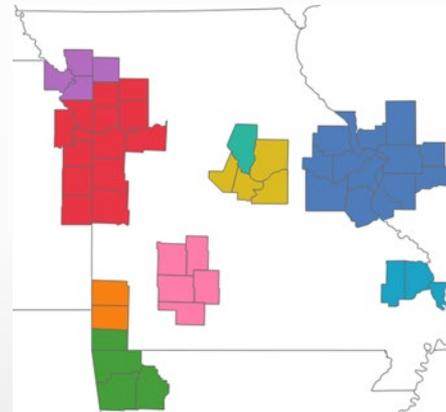
www.meric.mo.gov

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 \(mo.gov\)](https://www.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



196,596 TOTAL JOB POSTINGS

78% PERMANENT FULL-TIME JOBS

St. Louis CITY WITH THE MOST JOB POSTINGS

Missouri is comprised of 114 counties and the City of St. Louis. The St. Louis and Kansas City regions combine to make up 58 percent of the employment of the state.

TOP EMPLOYER POSTINGS

Mercy Health

Saint Luke's Health System

Integrity Home Care

SSM Health Care

BJC HealthCare

Walmart / Sam's

INDUSTRY POSTINGS

HEALTH CARE & SOCIAL ASSISTANCE
25%

STATEWIDE TOP JOB POSTINGS

OCCUPATION TITLE	SOC CODE	ONLINE JOB POSTINGS	AVERAGE WAGE
NOW			
Retail Salespersons	41-2031	5,476	\$30,640
Customer Service Representatives	43-4051	5,111	\$36,580
Laborers and Freight, Stock, and Material Movers, Hand	53-7062	3,625	\$33,360
Combined Food Preparation and Serving Workers	35-3021	2,567	\$24,580
Stock Clerks and Order Fillers	43-5081	2,077	\$30,120
NEXT			
Sales Representatives, Wholesale and Manufacturing	41-4012	4,647	\$71,670
Heavy and Tractor-Trailer Truck Drivers	53-3032	3,895	\$48,230
First-Line Supervisors of Retail Sales Workers	41-1011	3,880	\$43,960
Nursing Assistants	31-1014	2,634	\$27,720
Licensed Practical and Licensed Vocational Nurses	29-2061	2,494	\$44,490
LATER			
Registered Nurses	29-1141	10,384	\$65,900
Software Developers, Applications	15-1132	4,126	\$96,530
Computer Occupations, All Other	15-1199	4,092	\$85,570
Managers, All Other	11-9199	4,018	\$119,710
Medical and Health Services Managers	11-9111	2,472	\$112,500

★ DENOTES THE TOP 10 OCCUPATIONS BY TOTAL NUMBER OF PROJECTED OPENINGS IN NOW, NEXT, AND LATER CATEGORIES
SOURCES: SURVEYING CLASS, LABOR INSIGHT - BUREAU OF LABOR STATISTICS, OCCUPATIONAL EMPLOYMENT AND WAGE STATISTICS - MERIC, OCCUPATIONAL EMPLOYMENT PROJECTIONS 2010-2028

Unem

Missouri pre-pandemic 2021, compared to percent

Increase areas, in hospital and health care

The Missouri workforce is re-entering the labor market



**MISSOURI MONTHLY
JOBS REPORT
NOW AVAILABLE**

[Missouri Jobs Report](#)

[Middle-skills Report](#)

[Research for Recovery](#)

[Cost of Living](#)

[Covid-19 Vaccine](#)

Career and Occupations

Target Occupations

Special Studies

Library



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](#)



Quick Links

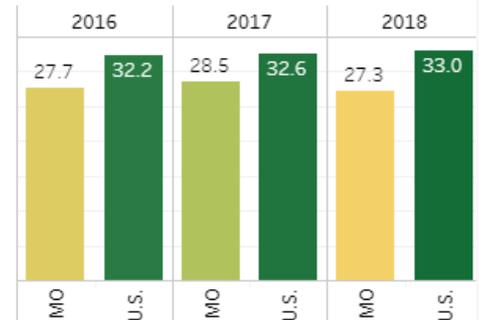
- [Research for Recovery](#)
- [Occupation Projections](#)
- [Real Time Job Summary](#)
- [Occupational Employment and Wages](#)



Workforce Focus

STEM

Percent of Higher Education Degrees



Online Job Postings Dashboard

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



Online Job Postings by Occupation in Ozark, March 2022

SOC Code	Occupation Title	Postings
29-1141	Registered Nurses	410
53-3032	Heavy and Tractor-Trailer Truck Drivers	270
41-2031	Retail Salespersons	250
43-4051	Customer Service Representatives	220
35-3023	Fast Food and Counter Workers	200
41-4012	Sales Representatives, Wholesale and Manufacturing, Except ..	180
15-1299	Computer Occupations, All Other	180
15-1256	Software Developers and Software Quality Assurance Analysts..	160
11-9198	Personal Service Managers, All Other; Entertainment and Recr..	150
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	150
49-9071	Maintenance and Repair Workers, General	150
37-2012	Maids and Housekeeping Cleaners	150

Online Job Postings by Industry in Ozark, March 2022

NAICS	Industry Title	Postings
6221	General Medical and Surgical Hospitals	520
5239	Other Financial Investment Activities	380
7211	Traveler Accommodation	370
5241	Insurance Carriers	360
7225	Restaurants and Other Eating Places	340
6113	Colleges, Universities, and Professional Schools	240
6111	Elementary and Secondary Schools	190
4413	Automotive Parts, Accessories, and Tire Stores	170
5221	Depository Credit Intermediation	150
5617	Services to Buildings and Dwellings	120

Online Job Postings Dashboard

Download data in a variety of formats

Top Occupations for Missouri for September 2021

SOC Code	Occupation Title	Online Job Postings
13-1071	Human Resources Specialist	650
11-9051	Food Service Managers	640
53-7065	Stockers and Order Fillers	620
37-2011	Janitors and Cleaners, Except	610
31-1131	Nursing Assistants	600
33-9032	Security Guards	570
31-1120	Home Health and Personal C	510
29-2098	Medical Dosimetrists, Medica	500
29-2061	Licensed Practical and Licen	500
13-2011	Accountants and Auditors	500
35-3031	Waiters and Waitresses	500
27-1026	Merchandise Displayers and	470
15-1232	Computer User Support Spec	460
51-9199	Production Workers, All Other	460
37-2012	Maids and Housekeeping Cleaners	440
11-2021	Marketing Managers	430
41-2011	Cashiers	420
53-3031	Driver/Sales Workers	410
11-3031	Financial Managers	410
43-3031	Bookkeeping, Accounting, and Auditing Clerks	390
11-2022	Sales Managers	380
31-9092	Medical Assistants	360
13-1111	Management Analysts	360

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Select your file format.

[Get the App](#)

Skills Transfer Reports

WORKFORCE RESEARCH

Career and Occupations

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[Skills Transfer - Sales](#) - PDF

[Skills Transfer – Office Administration and Support](#) - PDF



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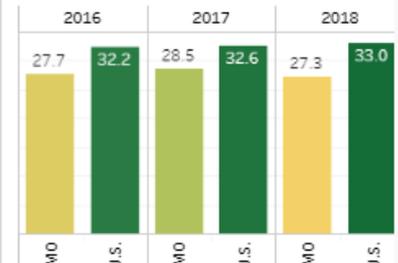
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Skills Transfer Reports

- 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 (\$43,670)	Medical Records and Health Information Technicians (\$47,160)	Billing and Posting Clerks (\$38,910)	Secretaries & Administrative Assistants (\$37,310)
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NUMBER OF JOB POSTINGS OVER THE LAST SIX MONTHS:

165	1,905	340	1,608	511	3,988
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ADDITIONAL SKILLS:

Data Entry Patient Safety Academic Advisement Sales	Front Office Patient Contact Customer Billing	Claims Adj. 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
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REQUESTED EDUCATION / CERTIFICATION:

None	Basic Life Saving (BLS) First Aid CPR AED Cert. Med. Assistant	Adjuster License Insurance Agent Cert. 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:

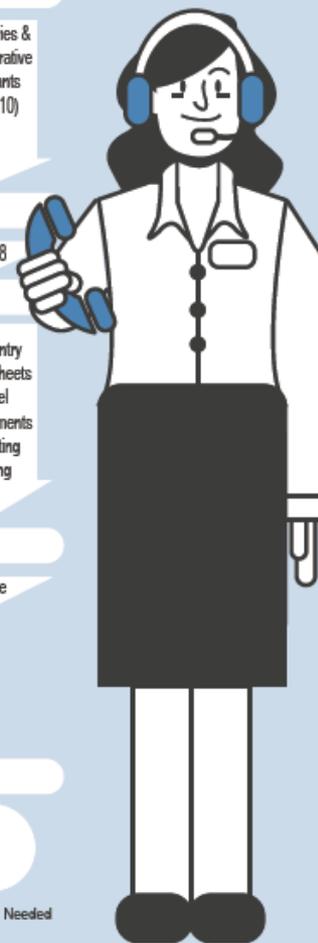


✓ Little or No Preparation Needed

! Some Preparation Needed

! Considerable Preparation Needed

Average wage in parentheses. U.S. Bureau of Labor Statistics, 2020 Occupational Employment Statistics



Career Pathways

WORKFORCE RESEARCH

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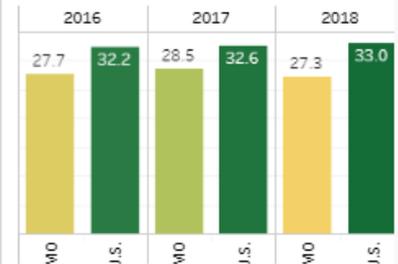
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Career Pathways

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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

Health Care Science & Services Career Pathway

MISSOURI ECONOMIC RESEARCH & INFORMATION CENTER
MISSOURI DEPARTMENT OF HIGHER EDUCATION
& WORKFORCE DEVELOPMENT
MARCH 2022

What are Career Pathways?

Career Pathways are groups of occupations within a career field. Occupations within a pathway share common skills, knowledge, and interests. The pathways use industry-recognized credentials and are examples of how different levels of training or education can help provide opportunities for career advancement.

Missouri Numbers:



12,885 Employers



318,421 Workers



\$58,788 Average Wage

Why Have a Career in Health Care?

Health Care Science & Services is the largest employing industry in Missouri, making up 14 percent of total private sector employment. The Health Care Science & Services industry has over 12,000 employers that provide jobs to over 318,000 workers across the state.

Missouri's Health Care industry has particularly high employment concentrations in General Medical and Surgical Hospitals, as well as Nursing and Residential Care Facilities.

Wages in this industry averaged \$58,788 in 2020, higher than the state average of \$54,801 for all industries. An aging patient population and retiring health care workers contribute to the growing and projected need.

The health care industry provides a variety of work opportunities for every interest. From jobs that directly care for patients to careers that keep the whole system going, important jobs are waiting to be filled in Patient Care, Diagnostic/Therapeutic, and Business Operations.

Know the Basics

Health Care careers often involve interactions with patients and other team members so active listening and communication skills are important. Health Care includes many essential occupations that need to be staffed around the clock so dependability and reliability are a must. Soft skills, such as interpersonal skills, professionalism, and dependability, are important in all industries and occupations.

Skills needed for Success:

Health Care has a set of industry-wide technical competencies that represent the knowledge and skills needed to be successful in this industry. With the need for privacy and confidentiality in these industries, workers need to have knowledge of health industry ethics, laws and regulations, and be able to keep accurate and confidential documentation. Patient interaction, infection control, understanding of drugs and medications, and knowledge of diagnostic procedures, scientific methods and technology are some of the skills needed for success in this industry.

Who's Hiring in Missouri?

BJC Healthcare
Mercy Health
Saint Luke's Health System
Hospital Corporation America
SSM Health Care

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

	 Patient Care	Diagnostic/ Therapeutic	Business Operations
Now			
Short-Term On-the-Job Training	Home Health & Personal Care Aides Entry: \$21,600; Average: \$25,840	Psychiatric Aides Entry: \$24,300; Average: \$29,810	Receptionists & Information Clerks Entry: \$24,150; Average: \$29,930
	Certificates: Home Health Aide, Certified Caregiver, First Aid CPR AED, Nursing Assistant	Certificates: First Aid CPR AED	Certificates: Certified Healthcare Access Associate (CHAA), First Aid CPR AED
Next			
Certificate, Associate Degree, Apprenticeship, Moderate- to Long- Term On-the-Job Training	Nursing Assistants Entry: \$22,580; Average: \$27,720	Dental Assistants Entry: \$32,060; Average: \$38,610	Medical Records & Health Info. Technicians Entry: \$35,140; Average: \$47,160
	Licensed Practical & Vocational Nurses Entry: \$38,560; Average: \$44,490	Dental Hygienists Entry: \$59,790; Average: \$69,730	Computer User Support Specialists Entry: \$38,080; Average: \$53,600
	Emergency Medical Technicians Entry: \$28,140; Average: \$38,170	Pharmacy Technicians Entry: \$26,380; Average: \$33,670	Medical Secretaries Entry: \$29,040; Average: \$36,610
	Certificates: Nursing Assistant, Licensed Practical Nurse (LPN), Emergency Medical Technician (EMT)	Certificates: Dental Hygienist, Dental Assistant American, First Aid CPR AED	Certificates: Registered Health Information Technician, Certified Professional Coder, Certified A+ Technician, Network +, Microsoft Certified Professional (MCP)
Later			
Bachelor's Degree or Advanced Degree	Registered Nurses Entry: \$52,890 Average: \$65,900	Dentists Entry: \$107,830; Average: \$157,030	Software Developers Entry: \$73,420; Average: \$96,530
	Physical Therapists Entry: \$70,760; Average: \$84,660	Pharmacists Entry: \$114,740; Average: \$127,430	Medical & Health Services Managers Entry: \$77,840; Average: \$112,500
	Family Medicine Physicians Entry: \$87,490; Average: \$194,120	Healthcare Social Workers Entry: \$37,640; Average: \$49,050	Accountants & Auditors Entry: \$50,310; Average: \$71,130
	Degrees: Nursing Science, Physical Therapy, Medicine	Degrees: Social Work, Pharmacy, Mental Health, Dental Medicine	Degrees: Computer Science, Information Technology, Accounting, Business Administration & Management

Sources:

EMSI Burning Glass Technologies LaborInsight™ tool
Employment and Training Administration, Competency Model Clearinghouse
2020 Occupational Employment Survey Wage data, U.S. Bureau of Labor
Statistics Quarterly Census of Employment and Wages, U.S. Bureau of Labor
Statistics Top employers data is based on 2020 online job ads



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



News

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- Know about helpful data and tools?

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Webinars

Do you want to:

- Better understand the research and data?
- Learn at your own pace?

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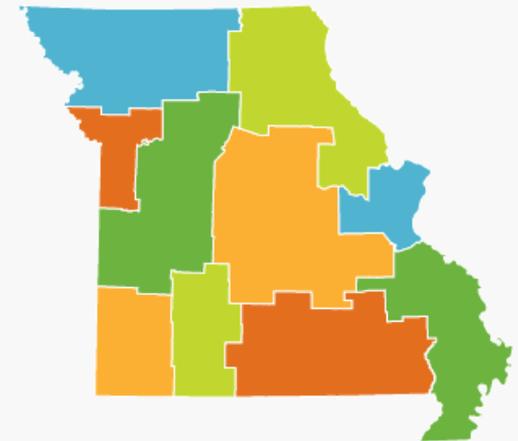
Contact Us

Missouri Economic Research & Information Center

P.O. Box 3150
Jefferson City, MO 65102-3150
MERICData@dhewd.mo.gov



Regional Contacts



Region:

Central



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THANK YOU!

QUESTIONS

We're here to help



Christopher Will
Planner

Christopher.Will@dhewd.mo.gov
(573) 751-5470

Laura Lester

Workforce Research
Specialist

Laura.Lester@dhewd.mo.gov
(573) 751-3616