



Map to Success

**Missouri** 

Job Shortages

Potential Career Advancement

**Immigration in Missouri** 



# Job Shortages

The tables below show the top three occupations that are projected from 2018-2028 of Missouri employers based on the level of education they require. There is a state minimum wage of \$10.30 in Missouri. The one highlighted occupation under each of the three education levels has been selected to expand on in terms of potential career advancement.

High School (HS) Diploma or Less			
Occupation	<u>Average</u> <u>Annual Job</u> <u>Openings</u>	<u>Median</u> <u>Hourly</u> <u>Wage</u>	<u>State</u> Licensing Required
Food Preparation Workers	15,920	\$10.64	Yes
Cashiers	13,770	\$10.58	No
Personal Care Aides	12,220	\$11.10	Yes

More than HS Diploma, less than Bachelor's Degree			
Occupation	<u>Average</u> <u>Annual Job</u> <u>Openings</u>	<u>Median</u> <u>Hourly</u> <u>Wage</u>	<u>State</u> Licensing Required
Heavy and Tractor-Trailer Truck Drivers	5,870	\$21.97	Yes
Nursing Assistants	5,180	\$11.92	Yes
Bookkeeping, Accounting & Audit Clerks	3,570	\$18.34	No

Bachelor's Degree or Higher			
Occupation	<u>Average</u> <u>Annual Job</u> <u>Openings</u>	<u>Median</u> <u>Hourly</u> <u>Wage</u>	<u>State</u> Licensing Required
Registered Nurses	5,530	\$30.03	Yes
General & Operations Managers	4,610	\$38.34	No
Accountants & Auditors	2,870	\$30.22	Yes

# Potential Career Advancement

# 1) Food Preparation Worker to Certified Food Manager

	Entry Level Job	Entry Level	Career Advancement	Career Advancement
	(hourly wage)	Requirements	(hourly wage)	Requirements
1	Food Preparation	Food Handler	Certified Food	Pass the ANSI food
	Worker	Certification required	Manager	safety certification
	(\$10.64)	in certain counties	(\$26.13)	exam

# Food Preparation Worker Job Description:

• <u>Perform</u> a variety of food preparation duties other than cooking

### Entry Level Requirements:

- Food Handler Certification <u>not required</u> by Missouri state law, but it is required in Cass, Clay, Boone, Jefferson, Platt & St. Charles counties and <u>Kansas City</u> within 30 days of hire
- Obtain Food Handler Certification online <u>here</u> (\$7, 2 hours); click <u>here</u> to take exam in Español, 普通话, 한국어, Việt, American Sign Language, Tagalog, Serbo-Croatian

 In Kansas City, <u>certification</u> is offered online (\$25) or <u>in-person</u> (\$20) at the Health Department

# Certified Food Manager Job Description:

• Responsible for food safety to protect the public from foodborne illness

### **Career Advancement Requirements:**

- Pass the American National Standards Institute (ANSI) certification exam (\$55)
- Online courses are not required, but provide knowledge for the ANSI exam

# 2) Bookkeeping, Accounting & Audit Clerks to Accountant & Auditor

	Entry Level Job	Entry Level	Career Advancement	Career Advancement
	(hourly wage)	Requirements	(hourly wage)	Requirements
2	Bookkeeping, Accounting & Audit Clerks (\$18.34)	Associate's degree in Accounting or related field preferred	Accountants & Auditors (\$30.22)	Bachelor's degree with Accounting concentration

# Bookkeeping, Accounting & Audit Clerk Job Description:

• <u>Compute, classify and record</u> numerical data to keep financial records accurate and complete

## **Entry Level Requirements:**

- Certification is **not** required by Missouri law, but an Associate's degree is generally preferred
- Accounting training programs in Missouri are listed here

## Accountant & Auditor Job Description:

• <u>Analyze</u> financial information and prepare financial reports on activities in an organization

#### Career Advancement Requirements:

- A Bachelor's degree with Accounting concentration
- At least 1 year of accounting experience
- Pass the <u>CPA</u> exam (Approx. \$900 with \$180 application fee)
- Pass the <u>AICPA exam</u> with minimum score of 90
- Residency and social security number are <u>required</u>, but there is no citizenship requirement

# 3) Registered Nurse to Nurse Practitioner

	Entry Level Job	Entry Level	Career Advancement	Career Advancement
	(hourly wage)	Requirements	(hourly wage)	Requirements
3	Registered Nurses (\$30.03)	Complete a state-approved nursing program Pass the NCLEX-RN exam	Nurse Practitioners (\$48.97)	Earn graduate degree in nursing specialty Become nationally certified Apply for license

### **Registered Nurse Job Description:**

• Assess patient health problems and needs, develop and administer nursing care

### Entry Level Requirements:

- <u>Complete</u> a state-approved nursing program
- Pass the National Council Licensure Examination-Registered Nurse (NCLEX-RN) exam (\$200)

### Nurse Practitioner Job Description:

• <u>Diagnose</u> and treat patients independently or as part of a healthcare team

#### Career Advancement Requirements:

- Earn a graduate degree in a chosen nursing specialization
- Become <u>nationally certified</u> by an accredited agency
- Apply for license

# Immigration in Missouri

The following are facts about the immigrant community in Missouri:

- Immigrants comprise 4% of the state population and 5% of the Missouri labor force
- Top industries of immigrant employment:
  - Manufacturing, 31,399 workers
  - Health Care and Social Assistance, 24,605 workers
  - Accommodation and Food Services, 19,363 workers
  - Educational Services, 18,873 workers
  - Professional, Scientific and Technical Services, 15,545 workers
- 14,795 immigrant business owners account for 5% of all self-employed Missouri residents

- 49% of immigrants in Missouri are naturalized and another 23% are undocumented
- Top foreign-born countries of origin:
  - Mexico, 15%
  - China, 8%
  - India, 7%
  - Vietnam, 5%
  - Bosnia & Herzegovina, 4%
- 4% of native-born Missourians are children of an immigrant
- Educational attainment of foreign-born adults in Missouri:
  - High School diploma or less 35%
  - $\circ$  More than HS diploma, less than Bachelor's degree 21%
  - Bachelor's degree or higher 44%
    - Share of <u>Brain Waste</u>\* 23%

\* Share of <u>immigrant professionals</u>, who are unemployed, employed at poverty-level wages in High School diploma or less jobs, or significantly underemployed in more than HS diploma, less than Bachelor's degree jobs

# Sources

#### Jobs

Projections Managing Partnership (PMP), Projections Central – State Occupational Projections, "Long Term Occupational Projection (2018-2028)"; <u>http://www.projectionscentral.com/Projections/LongTerm</u>

Bureau of Labor Statistics, May 2019 State Occupational Employment and Wage Estimates; https://www.bls.gov/oes/current/oessrcst.htm

Bureau of Labor Statistics, *Employment Projections,* "Education and training assignments by detailed occupation," 2019; <u>https://www.bls.gov/emp/tables/education-and-training-by-occupation.htm</u>

National Council of State Legislatures, "State Minimum Wages", December 2020; http://www.ncsl.org/research/labor-and-employment/state-minimum-wage-chart.aspx#Table

Bureau of Labor Statistics, *Economic News Release*, "Employees on Nonfarm Payrolls by State, Seasonally adjusted", November 2020; <u>https://www.bls.gov/news.release/laus.t03.htm</u>

#### **Potential Career Advancement**

National Conference of State Legislatures, "The National Occupational Licensing Database", March 2020: https://www.ncsl.org/research/labor-and-employment/occupational-licensing-statute-database.aspx

#### Immigration

American Immigration Council, State by State Fact Sheet, August 2020; <u>https://www.americanimmigrationcouncil.org/topics/state-by-state</u>