



## Health and Life Sciences | September 2018

## State Wide

The STEM (Science, Technology, Engineering and Mathematics) Pathway Summary is a summary of real time labor market analysis for the Pathway occupations across the state region over the last 6 months for jobs in the Health Care and Life Sciences Clusters.

*Occupations in the areas of Science, Technology, Engineering and Mathematics (STEM) are some of the most in-demand and highest paying jobs in Missouri. STEM occupations can be found a wide range of industries, such as Health Care and Life Sciences.*

## HEALTH AND LIFE SCIENCES

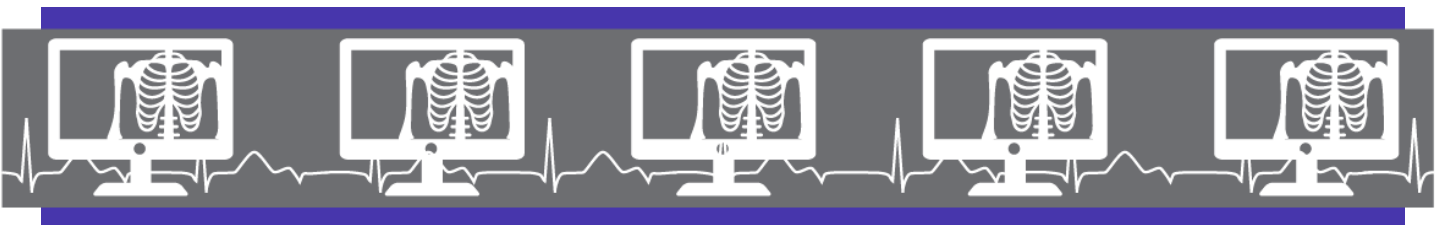
There were 16,222 total job postings in the Health Care and Life Sciences Pathway Occupations across the state during the last 6 months. The top job was Registered Nurse with 10,076 online job postings.

### Health Sciences

Occupation Title	Online Job Ads	Entry Wage	Average Wage	Experienced Wage
Registered Nurse	10,076	\$50,330	\$63,300	\$74,210
Nursing Assistant	2,163	\$20,830	\$25,360	\$28,840
Medical Assistants	1,068	\$26,370	\$31,370	\$36,310
Medical Coding and Health Information Management	919	\$31,420	\$41,620	\$49,710
Pharmacy Technician	635	\$24,850	\$30,610	\$35,740
Radiologic Technologists and Technicians	413	\$37,610	\$50,215	\$60,135
Diagnostic Medical Sonographers	413	\$57,790	\$71,730	\$79,400
First Responder Operator	227	\$25,140	\$34,500	\$39,760
Occupational Therapy Assistant	124	\$48,870	\$57,850	\$65,450
Dental Hygienist	66	\$63,070	\$69,980	\$78,230

### Life Sciences

Life Science Lab Assistant	89	\$32,850	\$40,730	\$47,800
Chemical Laboratory Technician	29	\$36,970	\$51,360	\$62,890



## TOP SKILLS

The top requested basic skill was communication, which was requested in the majority of the pathway occupations, showing that this soft skill is important to have for all career paths. Patient care was the top requested specialized skill, found in over one-third (38%) of total job postings.

Top Basic Skills	
Skill	Online Job Ads
Communication Skills	2,550
Team Work/ Collaboration	2,399
Planning	2,102
Critical Thinking	1,345
Computer Literacy	1,215

Top Specialized Skills	
Skill	Online Job Ads
Patient Care	6,173
Treatment Planning	2,435
Advanced Cardiac Life Support (ACLS)	1,850
Cardiopulmonary Resuscitation (CPR)	1,820
Patient/Family Education and Instruction	1,703

## TOP CERTIFICATES AND EMPLOYERS

Registered Nurse was the top occupation for the 6-month time period, and the top requested certificate, with 8,637 online job ads requesting R.N. certification. Top employers included BJC HealthCare, Hospital Corporation of America, and Mercy Health.

Top Certificates	
Certificate	Online Job Ads
Registered Nurse	8,637
Advanced Cardiac Life Support (ACLS) Certification	1,863
Basic Life Saving (BLS)	1,655
Certified Nursing Assistant	1,263
First Aid CPR AED	1,123

Top Employers
BJC HealthCare
Hospital Corporation of America
Mercy Health
Saint Luke's Health System
SSM Health Care



*This document is 100% funded by the MoSTEMWINS \$19.7 million grant from the U.S. Department of Labor, Employment and Training Administration (TAACCCT). The product was created by the grantee and does not necessarily reflect the official position of the U.S. Department of Labor. The Department of Labor makes no guarantees, warranties or assurances of any kind, express or implied, with respect to such information, including any information on linked sites and including, but not limited to, accuracy of the information or its completeness, timeliness, usefulness, adequacy, continued availability, or ownership.*

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### Sources:

*Data for this analysis has been extracted using Burning Glass Technologies Labor/Insight™ tool which collects information from over 35,000 web sources, including job boards, newspapers, and employer websites. While this analysis presents a broad picture of hiring activity and serves as a measure of labor demand, it does not capture openings that are filled through other networks. Wage data is 2017 OES wages*

