



## 2021 Quick Facts >>

Over the past 5 years MAHEC has:

- Presented **4,440** Health Careers Education Recruitment and Training Programs – touching **84** counties
- Connected with **46,796** Health Career Recruitment participants in those **84** counties
- Coordinated **13,646** medical student clinical training experiences, 75% of which took place in Health Professional Shortage Areas (HPSAs) and Medically Underserved Communities (MUCs)

This past year, MAHEC:

- Touched **10,587** Health Careers Recruitment Prospects, 126 of whom completed **20** or more hours of career preparation
- Supported the community-based clinical training of **585** medical students, 305 of whom completed **120** or more hours of training
- Placed medical students in **389** different clinical training sites located in **49** of Missouri's **115** counties; of these, **306** are located in Medically Underserved Communities (MUCs) or Health Professional Shortage Areas (HPSAs), and **184** in rural areas

To date, at least **1,249** MAHEC participants have gone on to healthcare careers in the state of Missouri, 56% of which are in primary care disciplines.

## Missouri's Healthcare Workforce Crisis >>

Like many states, Missouri continues to face a critical shortage of healthcare providers

- Missouri ranks 39th in the nation for physical health and 38th for overall health outcomes<sup>1</sup>
- There are currently 324 primary care HPSA designations in the state and 509 practitioners are needed to remove these designations<sup>2</sup>
- Of the 101 rural counties in Missouri, 99 are considered Primary Care Health Professional Shortage Areas and 6 counties lack a single primary care physician<sup>3, 5</sup>
- Missouri's rural population is older, poorer, and suffers from higher rates of chronic diseases compared to metropolitan populations<sup>4</sup>
- The rural physician shortage is further complicated by an aging physician workforce - rural primary care physicians are older than their urban counterparts by more than 6 years<sup>3, 6</sup>
- Only 21.5% of Missouri medical school graduates remain and practice in the state due in large measure to a shortage of available residency slots<sup>3, 7</sup>

## The Missouri Area Health Education Centers Answer >>

- Increasing the number of healthcare providers providing care to underserved populations requires a longitudinal pipeline nurturing students each step of the way
- MAHEC network programming provides the needed pipeline stretching from grades 9-16 through health professions education and into practice, with a focus on rural, underserved, and minority students
- MAHEC brings together the resources of health professions education programs and community-based organizations to recruit, train, and retain healthcare professionals
- Participants in MAHEC programs are returning to Missouri communities to practice – to date, more than 1,200 have gone on to healthcare careers in the state
- MAHEC's partnerships, infrastructure, and outcomes make it essential to increasing and improving Missouri's healthcare workforce

### MAHEC Youth Recruitment Activities

- Inform youth from healthcare underserved communities and populations about opportunities in health careers
- Foster their interest in becoming healthcare providers
- Help prepare them to enter health professions training

### AHEC Scholars Program

- A multi-year educational program designed to prepare interprofessional teams of health professions students to practice in rural and/or underserved urban settings
- Includes, but is not limited to, students in medical, dental, pharmacy, nurse practitioner, nursing, physician assistant, social work, physical therapy, occupational therapy, and public/population health programs
- Focus is on six core topics: interprofessional education, behavioral health integration, social determinants of health, cultural competency, practice transformation, and current and emerging health issues

### MAHEC Clinical Training Activities

- Support the training of medical, nursing, oral health, and other health professions students, and medical residents in healthcare underserved communities
- Facilitate preceptor and underserved training site identification and development
- Provide opportunities for students to learn about and engage in the community

## MAHEC Participants Choose Primary Care and Missouri

Studies show that retention rates are highest for physicians who complete both their medical school education and residency in the same state.<sup>2, 7</sup>

Over the past 11 years,

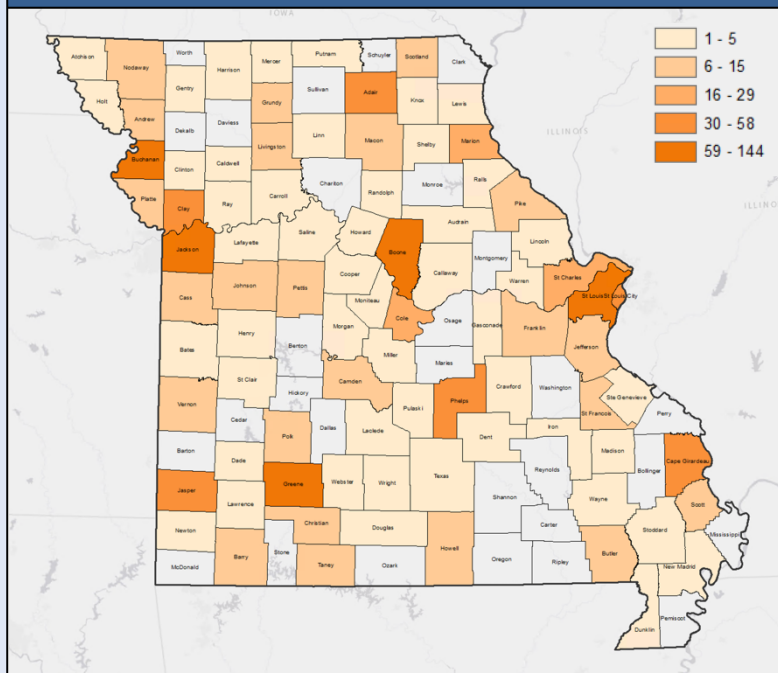
- 1,819 MAHEC participants have matched into primary care residencies
- 634 have completed residencies in Missouri
- 427 have completed primary care residencies in Missouri

This past year,

- 208 MAHEC participants began primary care residencies
- 87 began residencies in Missouri
- 57 began primary care residencies in Missouri

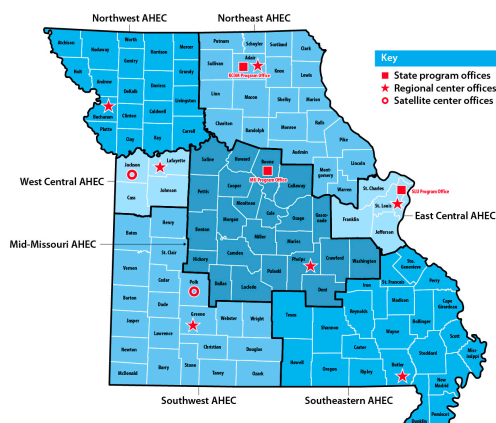
On average, approximately 165 MAHEC participants choose to train in primary care residencies each year.

## Employment Locations of MAHEC's Prior Students



At least 1,249 MAHEC participants have gone on to healthcare careers in 86 of Missouri's 115 counties; 78 of the counties are Primary Care Health Professional Shortage Areas (HPSAs).

## Missouri AHEC Network



### Regional Centers

East Central Missouri AHEC  
St. Louis, Missouri  
(314) 344-7174

Mid-Missouri AHEC  
Rolla, Missouri  
(573) 364-4797  
[www.midmoahec.org](http://www.midmoahec.org)

Northeast Missouri AHEC  
Kirksville, Missouri  
(660) 665-6404  
[www.nemoahec.org](http://www.nemoahec.org)

Northwest Missouri AHEC  
St. Joseph, Missouri  
(816) 271-7146  
[www.nwmoahec.org](http://www.nwmoahec.org)

Southeastern Missouri AHEC  
Poplar Bluff, Missouri  
(573) 785-2444  
[www.semoahec.org](http://www.semoahec.org)

Southwest Missouri AHEC  
Springfield, Missouri  
(417) 836-6154  
[www.ahec.missouristate.edu](http://www.ahec.missouristate.edu)

West Central Missouri AHEC  
Lexington, Missouri  
(660) 259-2440  
[www.wcmoahec.org](http://www.wcmoahec.org)

### Program Offices

A.T. Still University/Kirksville College of Osteopathic Medicine (KCOM AHEC)  
Kirksville, Missouri  
(660) 626-2887  
[www.atsu.edu/atsu-ahec](http://www.atsu.edu/atsu-ahec)

University of Missouri School of Medicine (MU AHEC)  
Columbia, Missouri  
(573) 884-7370  
[www.medicine.missouri.edu/education/rural-track-pipeline-program/area-health-education-center](http://www.medicine.missouri.edu/education/rural-track-pipeline-program/area-health-education-center)

Saint Louis University School of Medicine (SLU AHEC)  
St. Louis, Missouri  
(314) 977-8482  
[slu.edu/medicine/family-medicine/community-medicine/area-health-education.php](http://slu.edu/medicine/family-medicine/community-medicine/area-health-education.php)

### References

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3. *Primary Care Physicians: Missouri Workforce Update, Special Report, August 2018*. Missouri Hospital Association, [web.mhanet.com](http://web.mhanet.com), August 2018.
4. *Health in Rural Missouri Biennial Report 2018-2019*. Missouri Department of Health and Senior Services, Office of Rural Health and Primary Care, Jefferson City, MO, 2019.
5. *Rural Health in Missouri - Opportunities for Improvement*. Missouri Health Matters, [missourihealthmatters.com](http://missourihealthmatters.com), 2020.
6. *The State of Primary Care in the United States: A Chartbook of Facts and Statistics*. Robert Graham Center: Policy Studies in Family Medicine and Primary Care, Washington, DC, 2018.
7. *National Resident Matching Program, Results and Data: 2020 Main Residency Match*. National Resident Matching Program, Washington, DC, 2020.
8. *2019 State Physician Workforce Data Book*. Washington, DC: Association of American Medical Colleges, 2019.