



2023 Quick Facts >>

Over the past 5 years MAHEC has:

- Presented 3,508 Health Careers Education Recruitment and Training Programs – touching 79 counties in Missouri
- Connected with 43,681 Health Career Recruitment participants in those counties
- Coordinated 12,588 medical student clinical training experiences, 81% of which took place in Health Professional Shortage Areas (HPSAs) and Medically Underserved Communities (MUCs)

This past year, MAHEC:

- Touched 4,469 Health Careers Recruitment Prospects, 171 of whom completed 20 or more hours of career preparation
- Supported the community-based clinical training of 570 medical students, 381 of whom completed 120 or more hours of training
- Placed medical students in 434 different clinical training sites located in 53 of Missouri's 115 counties; of these, 356 are located in Medically Underserved Communities (MUCs) or Health Professional Shortage Areas (HPSAs), and 194 in rural areas

To date, at least 2,290 MAHEC participants have pursued healthcare careers in the state of Missouri, 42% 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 overall health, 42nd for behavioral health, and 42nd for overall health outcomes¹
- There are currently 363 primary care HPSA designations in the state and 599 primary care practitioners are needed to remove these designations²
- Missouri's rural population is older, poorer, and suffers from higher rates of chronic diseases compared to metropolitan populations^{3,4}
- The primary care physician shortage is complicated by an aging physician workforce⁵
- The ongoing physical and emotional toll of COVID-19 on health professionals may result in older physicians choosing to leave the field early⁶
- 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^{4,7}

The Missouri Area Health Education Centers Answer >>

- Increasing the number of healthcare providers providing care to rural and urban 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 and urban 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, at least 2,290 have pursued 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 rural and urban 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 urban underserved settings
- Includes, but is not limited to, students in medical, dental, pharmacy, nurse practitioner, nursing, physician assistant, social work, physical therapy, and public/community health programs
- Focus is on eight core topics: interprofessional education, behavioral health integration, social determinants of health, cultural competency, practice transformation, current and emerging health issues, virtual learning and telehealth, and community health workers

MAHEC Clinical Training Activities

- Support the training of medical, nursing, oral health, and other health professions students, and medical residents in rural and urban 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.^{2,7}

Over the past 13 years,

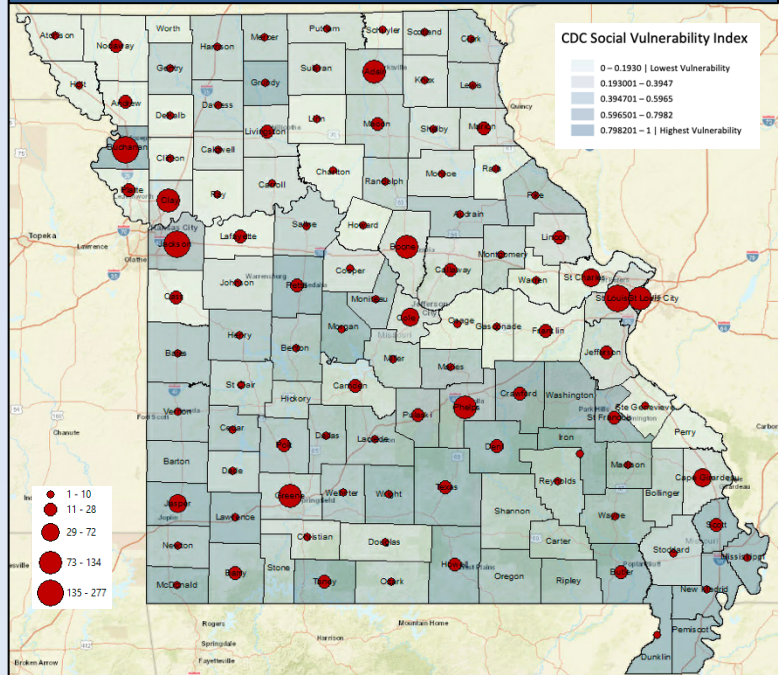
- 2,331 MAHEC participants have matched into primary care residencies
- 894 have matched into residencies in Missouri
- 566 have matched into primary care residencies in Missouri

This past year,

- 221 MAHEC participants began primary care residencies
- 75 began residencies in Missouri
- 48 began primary care residencies in Missouri

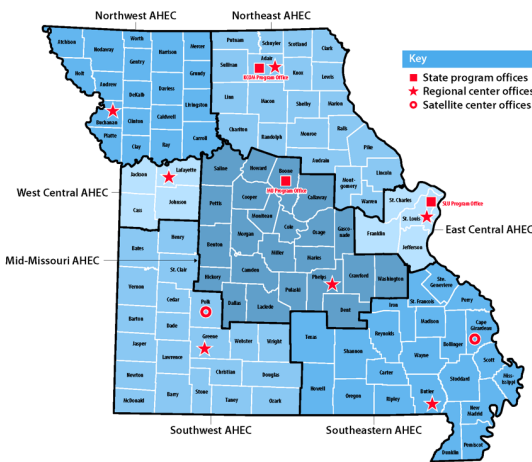
On average, approximately 179 MAHEC participants choose to train in primary care residencies each year.

Employment Locations of MAHEC's Prior Students



At least 2,290 MAHEC participants have pursued healthcare careers in 103 of Missouri's 115 counties; 98 of which are county-level 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

Northeast Missouri AHEC
Kirksville, Missouri
(660) 665-6404
www.nemoahec.org

Northwest Missouri AHEC
St. Joseph, Missouri
(816) 271-7146
www.nwmoahec.org

Southeastern Missouri AHEC
Poplar Bluff, Missouri
(573) 785-2444
www.semoahec.org

Southwest Missouri AHEC
Springfield, Missouri
(417) 836-6154
www.ahec.missouristate.edu

West Central Missouri AHEC
Lexington, Missouri
(660) 259-2440
www.wcmoahec.org

Program Offices

A.T. Still University-Kirkville College of Osteopathic Medicine (ATSU-KCOM AHEC)
Kirksville, Missouri
(660) 626-2887
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

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

References

1. *America's Health Rankings: 2022 Annual Report – State Summaries*. United Health Foundation, AmericasHealthRankings.org, December 2022.
2. *The Kaiser Family Foundation State Health Facts*. Data Source: The Centers for Disease Control and Prevention (CDC), kff.org/statedata, September 2022.
3. *Health in Rural Missouri Biennial Report 2020-2021*. Missouri Department of Health and Senior Services, Office of Rural Health and Primary Care, Jefferson City, MO, 2021.
4. *Missouri Primary Care Needs Assessment (PCNA) 2020*. Missouri Department of Health and Senior Services, Office of Rural Health and Primary Care, Jefferson City, MO, 2020.
5. *Primary Care in the United States: A Chartbook of Facts and Statistics*. Robert Graham Center, IBM-Watson Health, and American Board of Family Medicine, Washington, DC, 2020.
6. *The Complexities of Physician Supply and Demand: Projections from 2019 to 2034*. Washington, DC: Association of American Medical Colleges, 2021.
7. *National Resident Matching Program, Results and Data: 2022 Main Residency Match*. National Resident Matching Program, Washington, DC, 2022.