

Medicaid Expansion Enrollment and Eligibility Update: Geographic Distribution of Healthcare Providers

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Washington University Center for Health Economics and Policy & Saint Louis University Center for Health Law Studies

Introduction

The State of Missouri is implementing an expansion of the Medicaid program to include all adults age 19-64 earning up to 138% of the federal poverty line, FPL (\$30,305 for a family of three). Based on an earlier analysis by our research team, the number of new adults projected to enroll in the expansion of Medicaid in Missouri within the first year is 247,500,

enrollment for the Medicaid expansion will be 274,312 adults in the first year. The expansion has raised questions about whether the capacity exists among providers to provide care for these new enrollees, and how capacity may vary across the state.

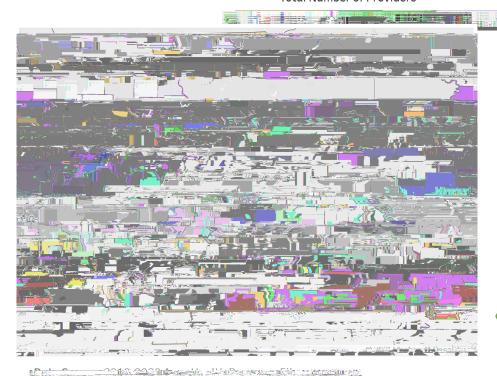
Total Primary Care Providers: 2019 - 2020

Missouri Total Primary Care Providers per 10,000 Population Number of Brankiders par 10 000 173 18 19 Illinois

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Missouri Total Primary Care Provider Counts

Total Number of Providers



Total Primary Care <u>Providers</u> per 10,000

This map shows the number of total primary care providers (both physicians and non-physicians) per 10,000 population in each county.

Total Primary Care Providers

By default, Total Primary Care Providers include MDs and DOs in General Family Medicine, General Practice, General Internal Medicine, General Pediatrics, and the following non-physician professionals:

Advanced Practice Nurse Midwives

Advanced Practice RNs

Clinical Nurse Specialists

Nurse Practitioners

Physician Assistants

The <u>interactive map</u> may be set to display either only physicians or non-physicians, as well as an option to view the total of these primary care providers.

The density of primary care providers varies across the state with higher densities in population centers.

Total Primary Care Providers - Counts

This map shows the total number of primary care providers (both physicians and non-physicians) in each county.

Primary Care *Non-Physicians* per 10,000

This map shows the following non-physician professionals working in primary care by county, per 10,000 population:

Advanced Practice Nurse Midwives

Advanced Practice RNs
Clinical Nurse Specialists

Missouri Dentists per 10,000 Population

Missouri Mental Health Provider Counts per 10,000 Population Number of Providers per 10,000



Total Mental Health Providers: 2020 National Provider Identifier Files

Missouri Psychiatrists per 10,000 Population

Number of Provinters per 10,000

Total Mental Health Providers: 2020 National Provider Identifier Files

Mental Health Providers per 10,000

This map shows the number of mental health care providers per 10,000 population, by county, including psychiatrists.

Mental Health Providers

This category includes the following types of mental health providers working in both inpatient and outpatient settings.

Psychiatrists

Therapists

Counselors

Psychiatric Clinical Nurse Specialists

Psychiatric Nurse Practitioners

Clinical Social Workers

The interactive map may be set to display only psychiatrists and to exclude non-physician/non-prescribing mental health professionals. The density of mental health professionals varies across the state with higher densities in population centers.

Psychiatrists per 10,000

This map shows the number of psychiatrists in each county per 10,000 population. To see the total number of psychiatrists in each county, follow the hyperlink and hover over the counties, or view the interactive table.

Data Sources & Methods

Healthcare provider counts were pulled from the 2019-2020 Area Health Resource File (AHRF) county-level data along with the 2020 National Provider Identifier (NPI) Files. The AHRF provides both current and historic data on healthcare professions, health facilities, population characteristics, economics, health professions training, hospital utilization, hospital expenditures, and environmental characteristics. This information is collected from multiple data sources and the AHRF data also contains state and county FIPS codes to analyze these health resource variables by geographic groups.

For this analysis, the AHRF was restricted to data with the FIPS state code for Missouri. The following healthcare profession variables were pulled: total active MDs, total active DOs, total primary care physicians, total active dentists, active physician assistants, advanced practice registered nurses with a National Provider Identifier (NPI), nurse practitioners with an NPI, clinical nurse specialists with an NPI, and advanced practice nurse midwives with an NPI. Total primary care physicians included MDs and DOs in general family medicine, general practice, general internal medicine, and

References
Johnston, K, Wen, H., Wiemken, T., Huang, K. & Joynt Maddox, K. (2020). Disparities in Access to Speciali Explain Higher Preventable Hospitalization and Mortality Rates for Rural Medicare Patients: Implication for Missouri. Retrieved from: https://publichealth.wustl.edu/wp-content/uploads/2020/02/02-18-20-Rureventable-Policy

outcomes. Learn more at mffh.org.

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