

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

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), starting July 1, 2021. 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 adults. A recent release of Missouri Governor Parson's budget assumes that the projected enrollment for the Medicaid expansion will be 274,312 adults in the first year. Our original estimate of 247,500 newly enrolled adults is within range of the Governor's projection and will be used for the analyses in this document.

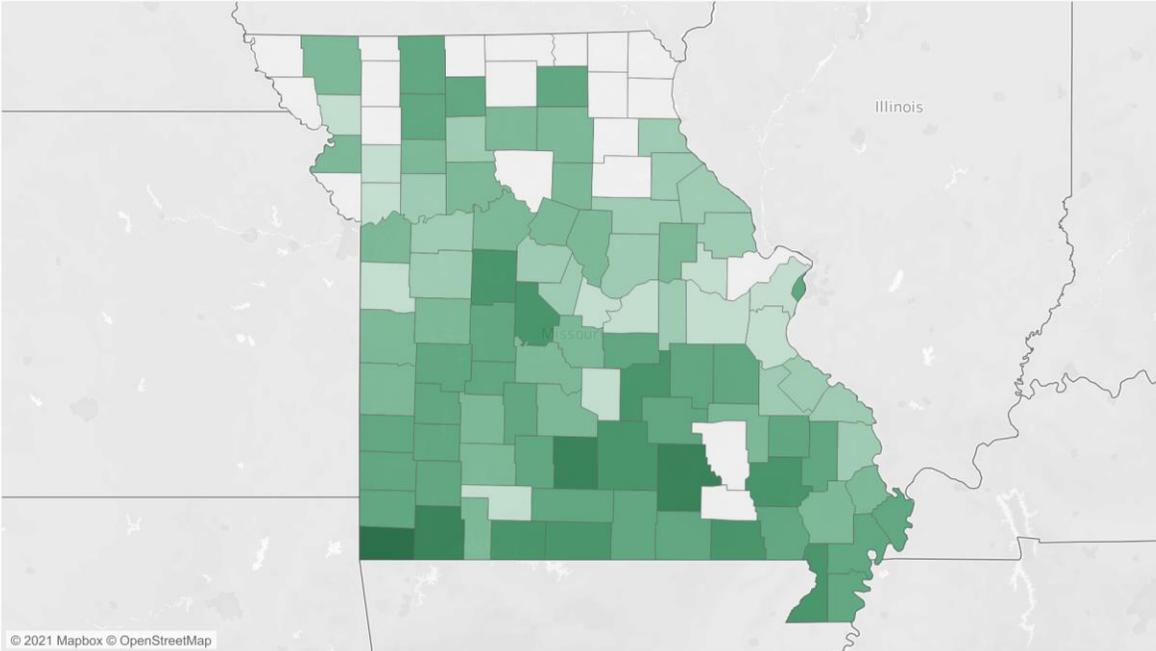
This Fact Sheet outlines the geographic distribution of those 247,500 adults that are expected to enroll during the first year of the expansion, July 2021 to July 2022. The distribution of the new Medicaid enrollees in Missouri is important background information for the State of Missouri, the communities, providers, and other community service organizations as they prepare to serve the newly eligible enrollees. The numbers provided here can be used to help estimate the expected demand for health care services across the State. The Fact Sheet concludes with a description of the data used to compile these estimates, and the methods used.

Geographic Distribution of Expected Medicaid Enrollment in Missouri

Estimated new Medicaid enrollment as a result of Medicaid expansion varies significantly by county and region across the State of Missouri. The maps in Figures 1 and 2 highlight the percentage of each county's population that is expected to enroll in Medicaid as a result of the expansion, as well as the number of new enrollees expected by county. In general, the counties with the greatest percentage of their populations that are expected to enroll in Medicaid are concentrated in rural areas, particularly in the southern half of the state, and the urban core counties. The counties with the largest numbers of new enrollees are in urban areas. There is substantial variation in the percent of the population that is expected to enroll across Missouri counties ranging from a low of 1.6 percent (6,409 enrollees) in St. Charles County to a high of 9.0 percent (2,045 enrollees) in McDonald County. A total of 20 counties did not have estimates included in the map due to the estimated enrollee numbers being too small to be accurately reported. These counties are represented in white in the map and an asterisk on the enrollment table below.

[\[Link to interactive maps\]](#)

Estimated New Enrollees as Percent of Overall County Population

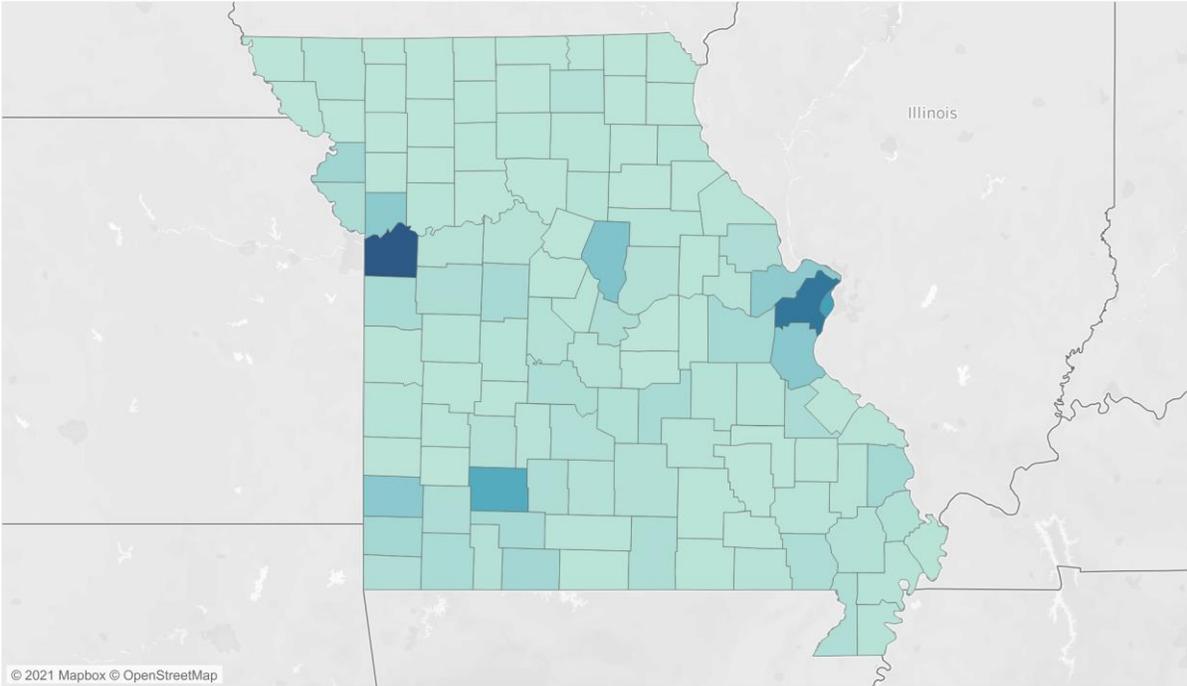


Data sources:
 2019 American Community Survey for total estimated enrollees
 2018 Small Area Health Insurance Estimates (SAHIE) for county enrollee estimates

Notes:
 Counties in white denote estimates that are too small to accurately report



Estimated New Enrollees Based on Overall County Population



Data sources:
 2019 American Community Survey for total estimated enrollees
 2018 Small Area Health Insurance Estimates (SAHIE) for county enrollee estimates

Notes:
 Counties marked with * denote estimates that are too small to accurately report



Overall Distribution

These geographic estimates of enrollment are useful in predicting the expected increase in the demand for health care services across the state. As the number of Medicaid enrollees grows the demand for health care services grows, including the demand for providers that accept Medicaid patients. Additional or expanded provider capacity may be needed across Missouri but will likely be essential in high growth areas. Table 1 (below) presents the estimated number of new enrollees by county, the number of current Medicaid enrollees by county, and the estimated percent increase in Medicaid enrollment at the county level. The estimated increase in enrollment statewide is 24.1%, but the expected growth varies by county with the highest growth of 37.6% in Boone County and the lowest growth of 16.0% in Pemiscot County. Providers across Missouri should plan to see an increase in the number of individuals with Medicaid coverage that are seeking health care services.

Data Sources

The 2019 American Community Survey (ACS) 1-year estimates were used to assess the size and composition of the Missouri population eligible for Medicaid as well as the number who would potentially enroll. The ACS dataset was restricted to noninstitutionalized, U.S. citizens under 65-years-old living in households earning at or below 138% FPL. This population was then separated into three categories of current insurance coverage: employer sponsored, marketplace (private non-ESI coverage in the data), and the uninsured. For this analysis, Tricare was included as part of employer sponsored insurance. Individual adults who fell into one of these groupings within the restricted dataset were considered to be the Medicaid eligible population. To estimate the potential Medicaid enrollee population, we assumed distinct take-up rates to apply to each coverage group for the eligible population. These rates were 73% for the uninsured, 10% for those on employer sponsored coverage, and 100% for those on marketplace coverage with incomes from 100-138% FPL. The total estimated enrollee population reflects the totals across these groups. The distribution of enrollees by each county in Missouri was calculated apportioning the revised Medicaid enrollment estimates, using the 2018 Small Area Health Insurance Estimates (SAHIE) and current county population numbers.

*The views and opinions expressed in this fact sheet are those of the authors and do not reflect the official policy or position of Washington University or Saint Louis University



This research was supported by Missouri Foundation for Health. The Foundation is building a more equitable future through collaboration, convening, knowledge sharing, and strategic investment. Working in partnership with communities and nonprofits, MFH is transforming systems to eliminate inequities within all aspects of health and addressing the social and economic factors that shape health outcomes. Learn more at mffh.org.

Table 1. Estimated Adult Medicaid Expansion Group enrollees in FY2022, by county in Missouri

Statewide Total	Statewide population	Statewide Population below 138% FPL	Estimated Number of New Enrollees Statewide	% of Missouri's Population Estimated to Enroll	Current Number of Enrollees	Estimated % Increase in Enrollees
Missouri	6,137,428	1,020,122	247,498	4.03%	1,024,945	24.1%

County Name	County Population	County Population below 138% FPL	Estimated Number of New County Enrollees	% of County's Population Estimated to Enroll	Current Number of Enrollees	Estimated % Increase in Enrollees
Adair	25,343	6,190	1,521	6.0%	4,189	36.3%
Andrew	17,712	2,045	494	2.8%	1,819	27.2%
Atchison*	5,143	764	**	**	713	**
Audrain	25,388	4,852	1,057	4.2%	4,696	22.5%
Barry	35,789	8,401	2,642	7.4%	7,814	33.8%
Barton	11,754	2,682	637	5.4%	2,595	24.5%
Bates	16,172	3,130	764	4.7%	2,933	26.0%
Benton	19,443	3,891	1,080	5.6%	3,864	28.0%
Bollinger	12,133	2,714	724	6.0%	2,788	26.0%
Boone	180,463	34,452	8,521	4.7%	22,662	37.6%
Buchanan	87,364	16,616	3,969	4.5%	17,298	22.9%
Butler	42,478	11,281	2,258	5.3%	12,538	18.0%
Caldwell	9,020	1,733	415	4.6%	1,477	28.1%
Callaway	44,743	6,315	1,588	3.5%	6,835	23.2%
Camden	46,305	7,580	2,253	4.9%	6,956	32.4%
Cape Girardeau	78,871	13,790	3,409	4.3%	12,639	27.0%
Carroll	8,679	1,591	408	4.7%	1,459	28.0%
Carter*	5,982	1,590	**	**	1,708	**
Cass	105,780	11,403	2,939	2.8%	12,978	22.6%
Cedar	14,349	3,717	881	6.1%	3,402	25.9%
Chariton*	7,426	1,217	**	**	1,227	**
Christian	88,595	12,773	3,008	3.4%	13,492	22.3%
Clark*	6,797	1,318	**	**	1,125	**
Clay	249,948	26,884	6,705	2.7%	27,587	24.3%
Clinton	20,387	2,743	635	3.1%	2,731	23.3%
Cole	76,745	10,295	2,346	3.1%	11,270	20.8%
Cooper	17,709	2,652	628	3.5%	2,859	22.0%
Crawford	23,920	5,574	1,324	5.5%	5,517	24.0%
Dade	7,561	1,732	452	6.0%	1,443	31.3%
Dallas	16,878	3,925	1,027	6.1%	3,629	28.3%
Daviess	8,278	1,714	473	5.7%	1,557	30.4%
De Kalb*	12,547	1,551	**	**	1,354	**
Dent	15,573	3,845	949	6.1%	3,822	24.8%
Douglas	13,185	3,395	815	6.2%	3,111	26.2%
Dunklin	29,131	8,964	2,049	7.0%	10,464	19.6%

Estimated Adult Medicaid Expansion Group enrollees (continued)

County Name	County Population	County Population below 138% FPL	Estimated Number of New County Enrollees	% of County's Population Estimated to Enroll	Current Number of Enrollees	Estimated % Increase in Enrollees
Franklin	103,967	13,848	3,186	3.1%	15,523	20.5%
Gasconade	14,706	2,255	586	4.0%	2,255	26.0%
Gentry*	6,571	1,358	**	**	1,089	**
Greene	293,086	58,997	14,335	4.9%	51,451	27.9%
Grundy	9,850	2,086	528	5.4%	1,971	26.8%
Harrison	8,352	1,958	452	5.4%	1,688	26.8%
Henry	21,824	4,685	1,088	5.0%	4,748	22.9%
Hickory	9,544	2,051	576	6.0%	1,748	33.0%
Holt*	4,403	715	**	**	642	**
Howard	10,001	1,761	447	4.5%	1,628	27.5%
Howell	40,117	10,183	2,217	5.5%	11,019	20.1%
Iron	10,125	2,397	506	5.0%	2,742	18.5%
Jackson	703,011	126,821	32,091	4.6%	130,377	24.6%
Jasper	121,328	25,607	6,913	5.7%	26,786	25.8%
Jefferson	225,081	28,207	7,312	3.2%	30,268	24.2%
Johnson	54,062	9,736	2,149	4.0%	6,257	34.3%
Knox*	3,959	927	**	**	763	**
Laclede	35,723	8,447	1,818	5.1%	8,537	21.3%
Lafayette	32,708	5,139	1,139	3.5%	5,657	20.1%
Lawrence	38,355	7,919	2,091	5.5%	8,554	24.4%
Lewis*	9,776	1,706	**	**	1,544	**
Lincoln	59,013	8,953	2,119	3.6%	8,932	23.7%
Linn	11,920	2,370	626	5.3%	2,467	25.4%
Livingston	15,227	2,470	569	3.7%	2,719	20.9%
Macon	15,117	2,965	744	4.9%	2,852	26.1%
Madison	12,088	2,788	655	5.4%	3,259	20.1%
Maries	8,697	1,615	465	5.3%	1,369	34.0%
Marion	28,530	5,699	1,048	3.7%	6,384	16.4%
McDonald	22,837	6,133	2,045	9.0%	5,503	37.2%
Mercer*	3,617	742	**	**	519	**
Miller	25,619	5,544	1,297	5.1%	5,350	24.2%
Mississippi	13,180	3,582	768	5.8%	3,704	20.7%
Moniteau	16,132	2,432	678	4.2%	2,354	28.8%
Monroe*	8,644	1,519	**	**	1,624	**
Montgomery	11,551	2,176	549	4.8%	2,126	25.8%
Morgan	20,627	4,909	1,384	6.7%	4,559	30.4%
New Madrid	17,076	4,657	1,005	5.9%	4,540	22.1%
Newton	58,236	10,772	3,238	5.6%	11,740	27.6%
Nodaway	22,092	4,157	1,016	4.6%	2,275	44.7%
Oregon	10,529	2,855	628	6.0%	3,101	20.3%
Osage	13,615	1,593	433	3.2%	1,264	34.3%
Ozark	9,174	2,313	626	6.8%	2,164	28.9%
Pemiscot	15,805	5,385	956	6.0%	5,979	16.0%

Estimated Adult Medicaid Expansion Group enrollees (continued)

County Name	County Population	County Population below 138% FPL	Estimated Number of New County Enrollees	% of County's Population Estimated to Enroll	Current Number of Enrollees	Estimated % Increase in Enrollees
Perry	19,136	2,927	714	3.7%	2,963	24.1%
Pettis	42,339	9,409	2,987	7.1%	10,229	29.2%
Phelps	44,573	9,458	2,824	6.3%	8,198	34.4%
Pike	18,302	3,206	738	4.0%	3,318	22.2%
Platte	104,418	8,623	2,293	2.2%	8,820	26.0%
Polk	32,149	6,868	1,644	5.1%	6,701	24.5%
Pulaski	52,607	8,469	1,691	3.2%	7,052	24.0%
Putnam*	4,696	1,044	**	**	879	**
Ralls	10,309	1,417	400	3.9%	1,492	26.8%
Randolph	24,748	4,872	1,087	4.4%	5,399	20.1%
Ray	23,018	3,302	885	3.8%	3,395	26.1%
Reynolds*	6,270	1,466	**	**	1,905	**
Ripley	13,288	3,803	923	6.9%	4,270	21.6%
Saline	22,761	4,645	1,111	4.9%	4,585	24.2%
Schuyler*	4,660	1,162	**	**	714	**
Scotland*	4,902	1,167	**	**	691	**
Scott	38,280	8,702	1,700	4.4%	10,405	16.3%
Shannon	8,166	2,437	614	7.5%	2,283	26.9%
Shelby*	5,930	1,209	**	**	1,191	**
St Charles	402,022	26,838	6,409	1.6%	29,347	21.8%
St Clair	9,397	2,073	553	5.9%	1,917	28.8%
St Francois	67,215	12,798	2,550	3.8%	15,065	16.9%
St Louis	994,205	112,036	25,444	2.6%	133,698	19.0%
St Louis City	300,576	78,187	16,478	5.5%	71,878	22.9%
Ste. Genevieve	17,894	2,570	641	3.6%	2,575	24.9%
Stoddard	29,025	6,001	1,475	5.1%	7,311	20.2%
Stone	31,952	5,296	1,517	4.7%	5,065	30.0%
Sullivan*	6,089	1,285	**	**	1,371	**
Taney	55,928	12,426	3,471	6.2%	11,585	30.0%
Texas	25,398	6,312	1,588	6.3%	5,318	29.9%
Vernon	20,563	4,407	1,044	5.1%	4,590	22.7%
Warren	35,649	5,143	1,171	3.3%	5,408	21.7%
Washington	24,730	6,108	1,327	5.4%	6,351	20.9%
Wayne	12,873	3,566	860	6.7%	3,323	25.9%
Webster	39,592	9,125	2,179	5.5%	7,444	29.3%
Worth*	2,013	364	**	**	306	**
Wright	18,289	5,650	1,400	7.7%	5,321	26.3%

*Counties with an asterisk denote estimates that are too small to accurately report.