

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.

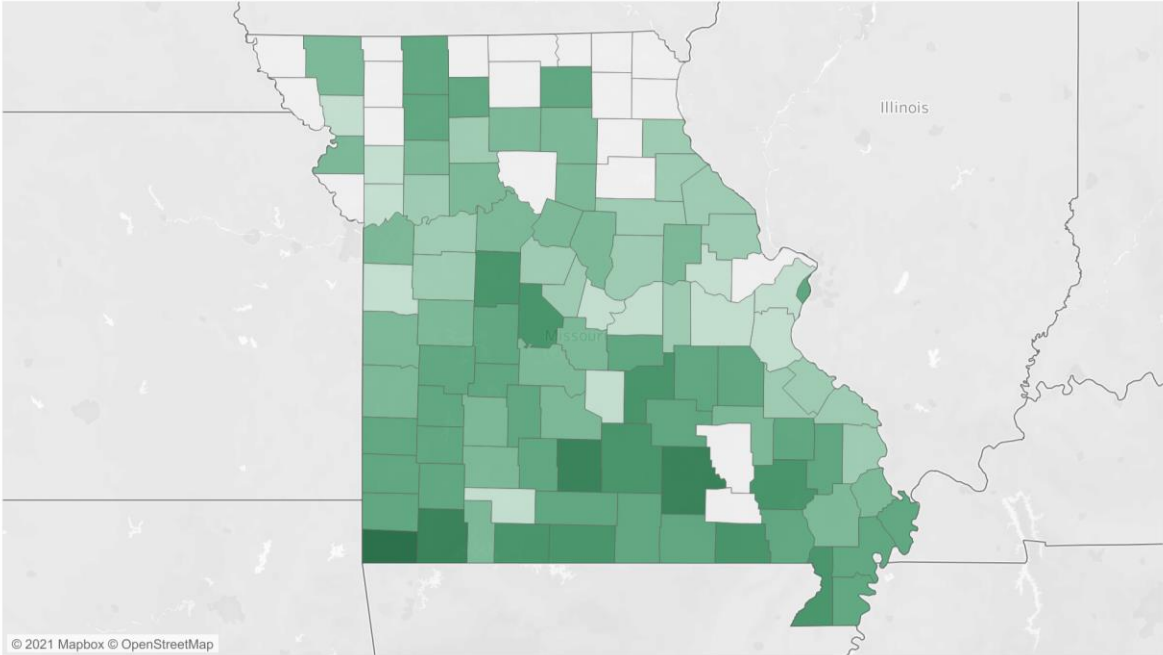
This Fact Sheet outlines the geographic distribution of those 247,500 adults that are expected to enroll during the first year of the expansion, July 2021 to July 2022. The distribution of the new Medicaid enrollees in Missouri is important background information for the State of Missouri, the communities, 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

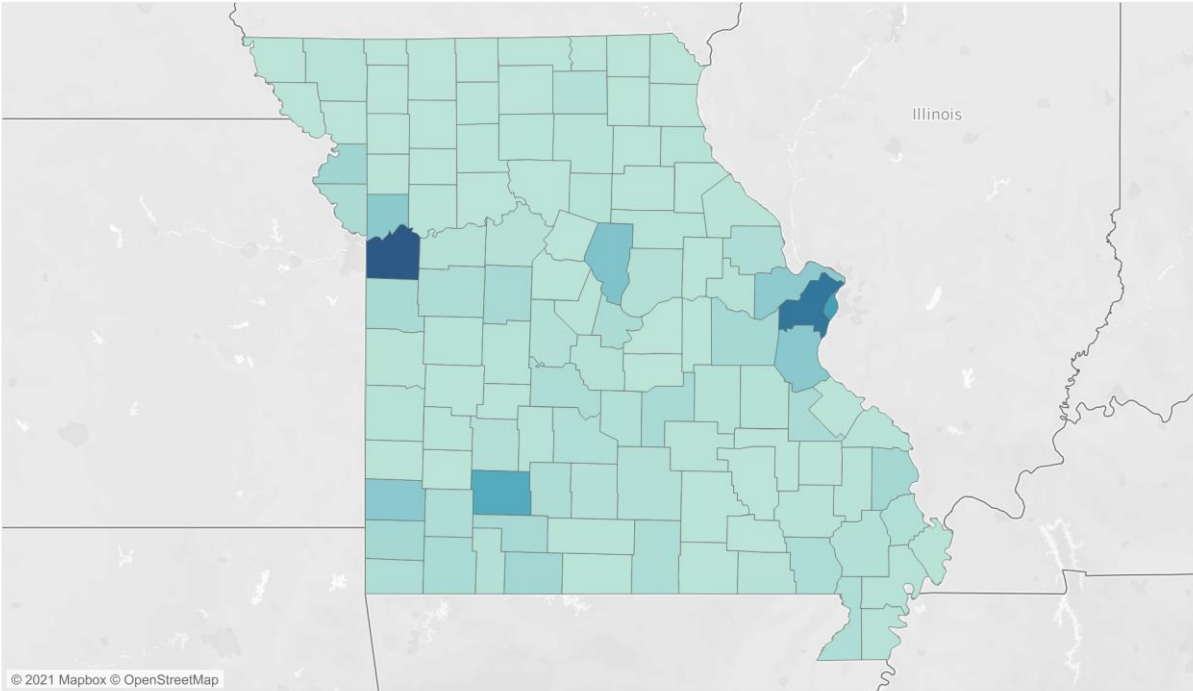


Data sources:
 2019 American Community Survey for total estimated enrollees
 2018 Small Area Health Insurance Estimates (SAHIE) for county enrollee estimates

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



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

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

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

Estimated Adult Medicaid Expansion Group enrollees (continued)

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

Estimated Adult Medicaid Expansion Group enrollees (continued)

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

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