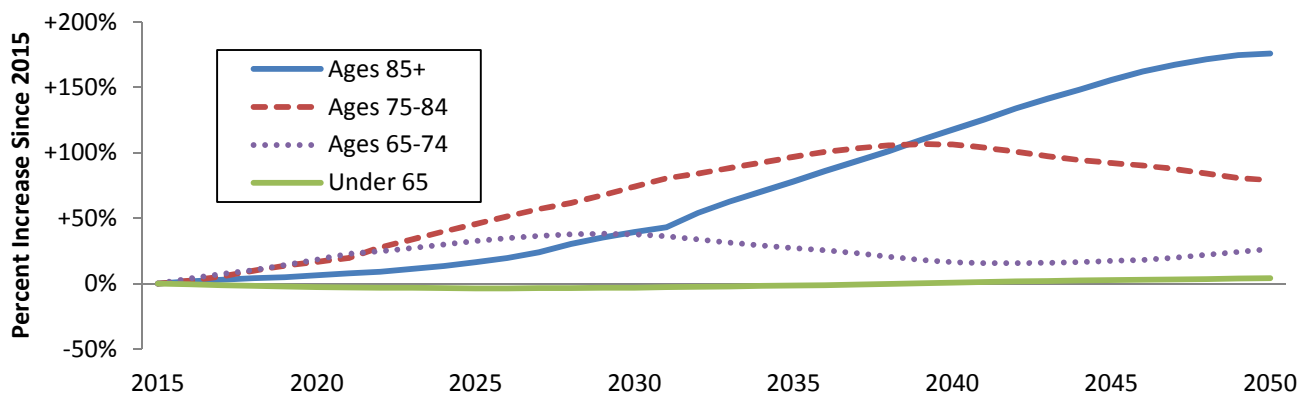


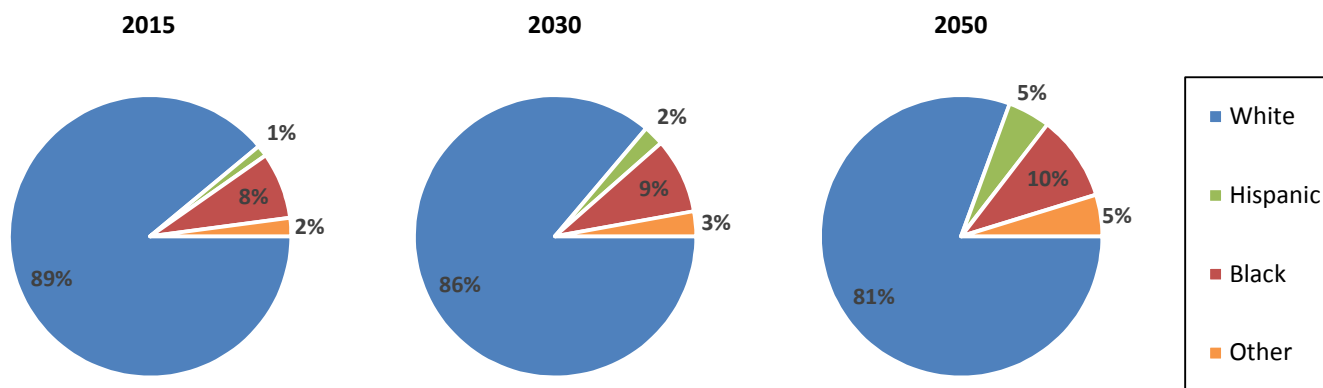
Across the States 2018: Profile of Long-Term Services and Supports in Missouri

Projected Population Growth in Missouri, by Age Group, 2015-2050



	2015			2030			2050		
	State	Rank	U.S.	State	Rank	U.S.	State	Rank	U.S.
Population (thousands)									
All Ages	6,084	18	321,419	6,388	19	358,380	6,883	21	395,882
Under 65	5,129	19	273,658	4,967	20	284,013	5,336	20	307,819
Ages 50+	2,191	18	110,973	2,463	19	134,344	2,819	22	160,466
Ages 65+	955	18	47,761	1,421	18	74,367	1,547	22	88,062
Ages 85+	127	18	6,287	177	17	9,300	350	20	19,385
Percent of Total Population									
Ages 50+	36.0%	18	34.5%	38.6%	17	37.5%	41.0%	19	40.5%
Ages 65+	15.7%	20	14.9%	22.2%	14	20.8%	22.5%	19	22.2%
Ages 85+	2.1%	21	2.0%	2.8%	16	2.6%	5.1%	23	4.9%
Percent Change from 2015									
All Ages				+5%	45	+11%	+13%	39	+23%
Under 65				-3%	46	+4%	+4%	38	+12%
Ages 50+				+12%	40	+21%	+29%	36	+45%
Ages 65+				+49%	36	+56%	+62%	37	+84%
Ages 85+				+39%	31	+48%	+176%	33	+208%

Projected Diversity of the Population Ages 65+ in Missouri, by Year



Note: Data are ranked from highest to lowest value; this does not necessarily correspond to level of performance.

Across the States 2018: Missouri State Profile

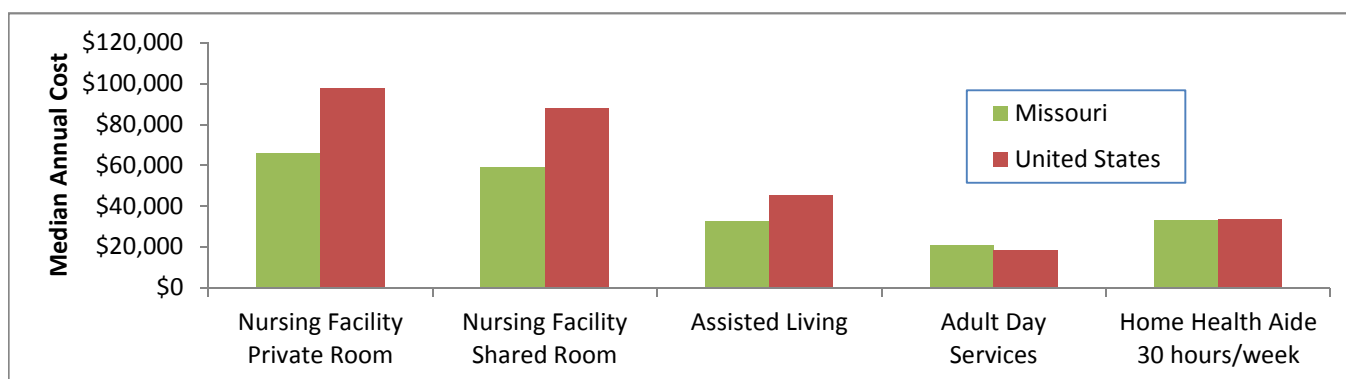
Population Characteristics

Living Arrangements and Poverty, 2016	Number (1,000's)	Percent	Rank	U.S.
People ages 75+ living alone	140	33.5%	20	31.6%
People ages 65+ living in nonmetropolitan areas	291	29.8%	20	17.3%
Below poverty level ages 65+	77	8.2%	31	9.2%
Below 250% of poverty level ages 65+	365	37%	20	37%

Household Income, 2016	State	Rank	U.S.
Median household income ages 65+	\$39,143	39	\$42,113

Disability Rates, 2016	Number (1,000's)	Percent	Rank	U.S.
People ages 65+ with disabilities				
Self-care difficulty	71	7.5%	28	8.1%
Cognitive difficulty	81	8.6%	21	8.9%
Any disability	344	36.7%	15	35.0%
People ages 18-64 with disabilities				
Self-care difficulty	74	2.0%	18	1.9%
Cognitive difficulty	207	5.7%	13	4.5%
Any disability	468	12.8%	11	10.6%

Private Pay Costs



Annualized Private Pay Costs by LTSS Type, 2017	State	Rank	U.S.
Nursing facility, private room	\$65,700	49	\$97,455
Nursing facility, shared room	\$58,948	49	\$87,600
Assisted living	\$32,400	51	\$45,000
Adult day services	\$20,800	15	\$18,200
Home health aide (30 hours/week)	\$32,760	33	\$33,540

Long-Term Care Insurance, 2015	State	Per 1,000 Ages 40+	Rank	U.S.
Private long-term care insurance policies in effect	180,728	62	13	50

Note: Data are ranked from highest to lowest value; this does not necessarily correspond to level of performance.

Across the States 2018: Missouri State Profile

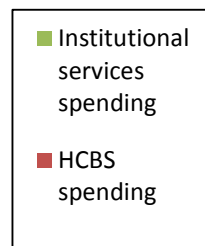
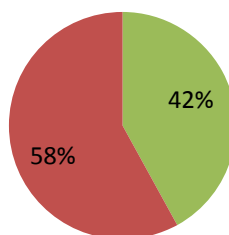
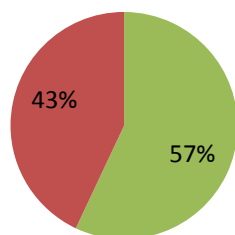
Medicaid Long Term Services and Supports

Medicaid Spending Balance	Year	State	Rank	U.S.
Medicaid HCBS spending as a percent of LTSS spending for older people and adults with physical disabilities	2011 *	38%	18	38%
	2016 *	43%	18	45%
	% change	+4.6%	21	+7.0%

Medicaid LTSS Spending Balance in Missouri, by Population, 2016

Older People and Adults with Physical Disabilities

All Populations



Medicaid Expenditures (Total Federal + State)	Total (millions)	Per Person	Rank	U.S.
Medicaid LTSS spending for older people and adults with physical disabilities, 2016 *	\$1,959	\$322	20	\$320
Nursing facility spending	\$1,123	\$184	25	\$175
HCBS spending	\$837	\$137	18	\$145
Medicaid LTSS spending for all populations, 2016 *	\$3,511	\$576	19	\$515
Institutional services spending	\$1,460	\$240	21	\$223
HCBS spending	\$2,051	\$337	18	\$292
State-funded HCBS expenditures for older people and adults with physical disabilities, 2014	\$0.8	\$0.13	37	\$3.36

Change in Medicaid Expenditures 2011-2016 *	% Change 2011-16	Rank	U.S.
Medicaid LTSS spending for older people and adults with physical disabilities	+37%	12	+22%
Nursing facility spending	+27%	8	+8%
HCBS spending	+53%	16	+45%

Medicaid LTSS Users Ages 65+, 2013	State	Per 1,000 Ages 65+	Rank	U.S.
All Medicaid LTSS users ages 65+ **	47,663	53	12	47
Institutional services only ***	22,709	25	16	22
HCBS only **	22,369	25	11	23
HCBS and institutional services **	2,585	2.9	14	2.8

Medicaid LTSS Users, All Ages, 2013	State	Per 1,000 People	Rank	U.S.
All Medicaid LTSS users ***	122,101	20.2	9	16.4
Institutional services only ***	30,918	5.1	17	4.7
HCBS only ***	86,934	14.4	7	11.1
HCBS and institutional services ***	4,249	0.7	15	0.7

Note: Data are ranked from highest to lowest value; this does not necessarily correspond to level of performance.

* 2014 data used instead of 2016 for 4 states (AK, CA, ID, KS); base year other than 2011 for 3 states (MA, NJ, NM).

** 14 states are excluded because of missing, old, or unreliable data. The highest rank is 37.

*** 9 states are excluded because of missing, old, or unreliable data. The highest rank is 42.

Across the States 2018: Missouri State Profile

Family Caregivers

	State	Per 1,000 People	Rank	U.S.
Number of family caregivers, 2013	792,000	131	15	127
Economic value of family caregiving, 2013 (millions)	\$8,490	\$1.41	36	\$1.49
Economic value per hour, 2013	\$11.52		42	\$12.51
Ratio of economic value to Medicaid HCBS spending, 2013	5.3		35	6.2
Caregiver Support Ratio (age 45-64 per age 80+), 2015	6.5		36	7.0
Caregiver Support Ratio, 2050 (projected)	2.9		23	2.9

Home and Community-Based Services

Personal Care and Home Health Aides	State	Per 1,000 AWD *	Rank	U.S.
Personal care aides, 2015 **	20,968	143	23	148
Median hourly wage, 2017	\$10.31		37	\$11.11
Home health aides, 2015 **	18,561	127	8	104
Median hourly wage, 2017	\$10.78		36	\$11.16

Congregate and Home Delivered Meals, 2016	State	Per 1,000 Ages 65+	Rank	U.S.
People receiving OAA congregate meals	64,043	65	10	32
People receiving OAA home delivered meals	34,360	35	9	17
Total OAA meal expenditures (thousands)	\$49,122	\$50	13	\$31

Assisted Living Supply, 2014	State	Per 1,000 Ages 75+	Rank	U.S.
Assisted living and residential care units ***	19,900	49	29	52

Nursing Facilities

Nursing Facilities, Utilization, and Resources	State	Per 1,000 Ages 75+	Rank	U.S.
Total nursing facilities, 2016	514	1.23	7	0.76
Nursing facility beds, 2016	53,429	128	2	80
Nursing facility residents, 2016	38,222	91	10	65
Nursing facility occupancy rate, 2016	72%		43	81%
% Change in nursing facility residents, 2011-2016	-0.4%		7	-3.9%
Direct care nursing hours per resident day, 2016	3.75		47	4.03
RN hours per resident day, 2016	0.59		47	0.79
Nursing assistants, 2015 **	24,765	60	11	43
Median hourly wage, 2017	\$11.55		44	\$13.23

Nursing Facility Quality and Resident Characteristics	State	Rank	U.S.
Long-stay residents receiving an antipsychotic medication, 2017	18.9%	3	15.5%
High-risk residents with pressure sores, 2017	6.2%	12	5.6%
Long-stay residents with a hospital admission, 2014	18.8%	16	17.0%
Nursing facility residents with low care needs, 2014 ****	23.7%	1	11.5%
Residents with Medicaid as primary payer, 2016	65%	13	62%
Residents with Medicare as primary payer, 2016	9%	45	14%
Residents with "other" as primary payer, 2016	26%	16	25%

Note: Data are ranked from highest to lowest value; this does not necessarily correspond to level of performance.

* Adults With Disabilities (defined as having self-care difficulty, equivalent to ADL level of disability).

** Average of three years 2014-2016.

*** Total capacity is rounded to the nearest hundred. Data not reported for two states. The highest rank is 49.

**** Data not reported for two states. The highest rank is 49.