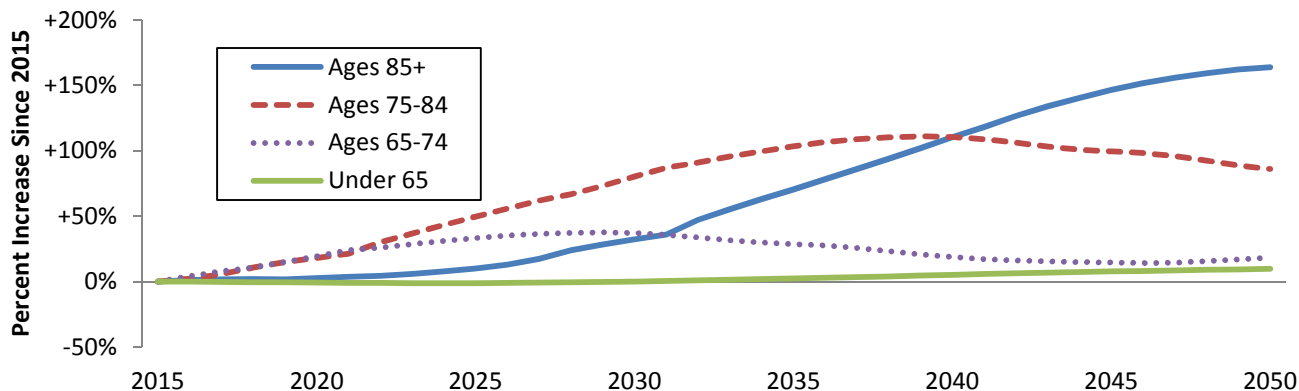


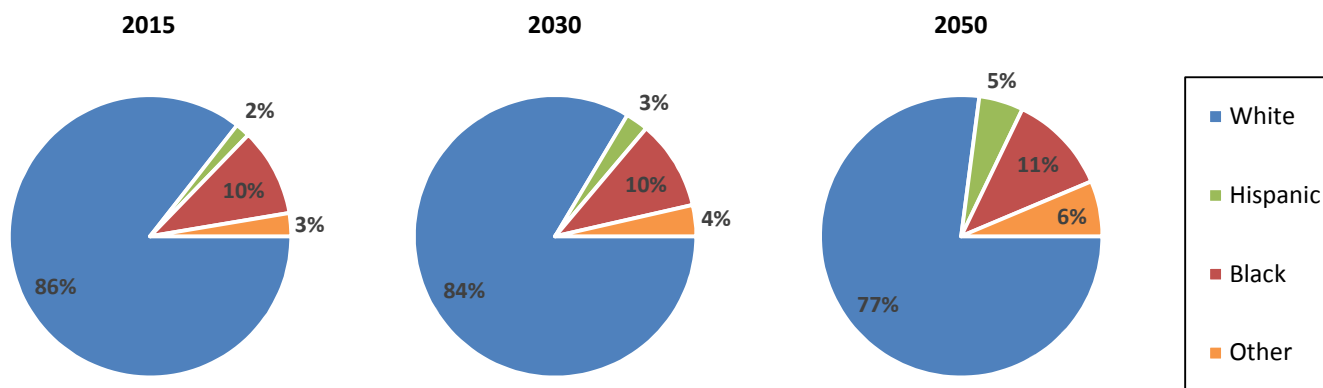
Across the States 2018: Profile of Long-Term Services and Supports in Michigan

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



	2015			2030			2050		
	State	Rank	U.S.	State	Rank	U.S.	State	Rank	U.S.
Population (thousands)									
All Ages	9,923	10	321,419	10,695	10	358,380	11,639	10	395,882
Under 65	8,352	10	273,658	8,357	10	284,013	9,166	9	307,819
Ages 50+	3,677	8	110,973	4,122	10	134,344	4,706	10	160,466
Ages 65+	1,571	8	47,761	2,337	9	74,367	2,473	11	88,062
Ages 85+	213	8	6,287	282	9	9,300	562	11	19,385
Percent of Total Population									
Ages 50+	37.1%	11	34.5%	38.5%	18	37.5%	40.4%	30	40.5%
Ages 65+	15.8%	17	14.9%	21.9%	19	20.8%	21.2%	43	22.2%
Ages 85+	2.1%	21	2.0%	2.6%	25	2.6%	4.8%	32	4.9%
Percent Change from 2015									
All Ages				+8%	29	+11%	+17%	32	+23%
Under 65				0%	32	+4%	+10%	21	+12%
Ages 50+				+12%	40	+21%	+28%	39	+45%
Ages 65+				+49%	36	+56%	+57%	41	+84%
Ages 85+				+32%	38	+48%	+164%	38	+208%

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



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

Across the States 2018: Michigan State Profile

Population Characteristics

Living Arrangements and Poverty, 2016	Number (1,000's)	Percent	Rank	U.S.
People ages 75+ living alone	234	34.8%	12	31.6%
People ages 65+ living in nonmetropolitan areas	360	22.3%	26	17.3%
Below poverty level ages 65+	127	8.1%	33	9.2%
Below 250% of poverty level ages 65+	580	36%	28	37%

Household Income, 2016	State	Rank	U.S.
Median household income ages 65+	\$40,765	26	\$42,113

Disability Rates, 2016	Number (1,000's)	Percent	Rank	U.S.
People ages 65+ with disabilities				
Self-care difficulty	118	7.5%	28	8.1%
Cognitive difficulty	136	8.6%	21	8.9%
Any disability	547	34.8%	25	35.0%
People ages 18-64 with disabilities				
Self-care difficulty	146	2.4%	10	1.9%
Cognitive difficulty	346	5.7%	13	4.5%
Any disability	764	12.6%	13	10.6%

Private Pay Costs



Annualized Private Pay Costs by LTSS Type, 2017	State	Rank	U.S.
Nursing facility, private room	\$103,295	23	\$97,455
Nursing facility, shared room	\$95,630	21	\$87,600
Assisted living	\$42,000	32	\$45,000
Adult day services	\$20,280	19	\$18,200
Home health aide (30 hours/week)	\$33,540	30	\$33,540

Long-Term Care Insurance, 2015	State	Per 1,000 Ages 40+	Rank	U.S.
Private long-term care insurance policies in effect	191,343	39	36	50

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

Across the States 2018: Michigan State Profile

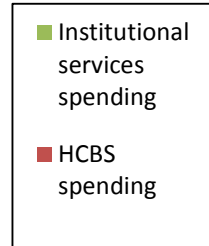
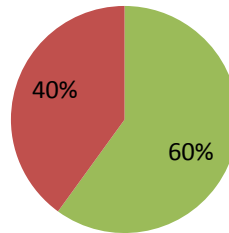
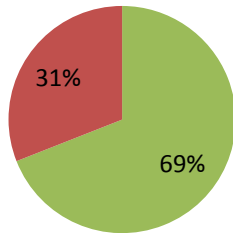
Medicaid Long Term Services and Supports

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 *	23%	35	38%
	2016 *	31%	29	45%
	% change	+7.7%	12	+7.0%

Medicaid LTSS Spending Balance in Michigan, 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 *	\$2,522	\$254	32	\$320
Nursing facility spending	\$1,751	\$176	27	\$175
HCBS spending	\$771	\$78	31	\$145
Medicaid LTSS spending for all populations, 2016 *	\$3,164	\$319	46	\$515
Institutional services spending	\$1,898	\$191	34	\$223
HCBS spending	\$1,267	\$128	48	\$292
State-funded HCBS expenditures for older people and adults with physical disabilities, 2014	\$25.7	\$2.59	21	\$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	+13%	33	+22%
Nursing facility spending	+2%	41	+8%
HCBS spending	+51%	17	+45%

Medicaid LTSS Users Ages 65+, 2013	State	Per 1,000 Ages 65+	Rank	U.S.
All Medicaid LTSS users ages 65+ **	60,618	41	25	47
Institutional services only ***	30,500	21	26	22
HCBS only **	26,812	18	18	23
HCBS and institutional services **	3,306	2.2	19	2.8

Medicaid LTSS Users, All Ages, 2013	State	Per 1,000 People	Rank	U.S.
All Medicaid LTSS users ***	151,167	15.3	21	16.4
Institutional services only ***	44,442	4.5	20	4.7
HCBS only ***	100,394	10.1	21	11.1
HCBS and institutional services ***	6,331	0.6	19	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: Michigan State Profile

Family Caregivers

	State	Per 1,000 People	Rank	U.S.
Number of family caregivers, 2013	1,280,000	129	20	127
Economic value of family caregiving, 2013 (millions)	\$14,500	\$1.46	27	\$1.49
Economic value per hour, 2013	\$12.21		33	\$12.51
Ratio of economic value to Medicaid HCBS spending, 2013	14.0		4	6.2
Caregiver Support Ratio (age 45-64 per age 80+), 2015	6.9		24	7.0
Caregiver Support Ratio, 2050 (projected)	3.1		16	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 **	31,571	118	29	148
Median hourly wage, 2017	\$10.61		31	\$11.11
Home health aides, 2015 **	24,833	93	21	104
Median hourly wage, 2017	\$10.57		40	\$11.16

Congregate and Home Delivered Meals, 2016	State	Per 1,000 Ages 65+	Rank	U.S.
People receiving OAA congregate meals	52,466	33	29	32
People receiving OAA home delivered meals	55,450	34	10	17
Total OAA meal expenditures (thousands)	\$51,744	\$32	24	\$31

Assisted Living Supply, 2014	State	Per 1,000 Ages 75+	Rank	U.S.
Assisted living and residential care units ***	36,500	56	17	52

Nursing Facilities

Nursing Facilities, Utilization, and Resources	State	Per 1,000 Ages 75+	Rank	U.S.
Total nursing facilities, 2016	444	0.66	36	0.76
Nursing facility beds, 2016	46,874	70	35	80
Nursing facility residents, 2016	38,781	58	32	65
Nursing facility occupancy rate, 2016	83%		25	81%
% Change in nursing facility residents, 2011-2016	-2.8%		23	-3.9%
Direct care nursing hours per resident day, 2016	4.13		19	4.03
RN hours per resident day, 2016	0.84		30	0.79
Nursing assistants, 2015 **	31,029	47	25	43
Median hourly wage, 2017	\$13.91		21	\$13.23

Nursing Facility Quality and Resident Characteristics	State	Rank	U.S.
Long-stay residents receiving an antipsychotic medication, 2017	13.0%	42	15.5%
High-risk residents with pressure sores, 2017	5.8%	18	5.6%
Long-stay residents with a hospital admission, 2014	16.9%	21	17.0%
Nursing facility residents with low care needs, 2014 ****	9.8%	32	11.5%
Residents with Medicaid as primary payer, 2016	60%	32	62%
Residents with Medicare as primary payer, 2016	17%	6	14%
Residents with "other" as primary payer, 2016	22%	32	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.