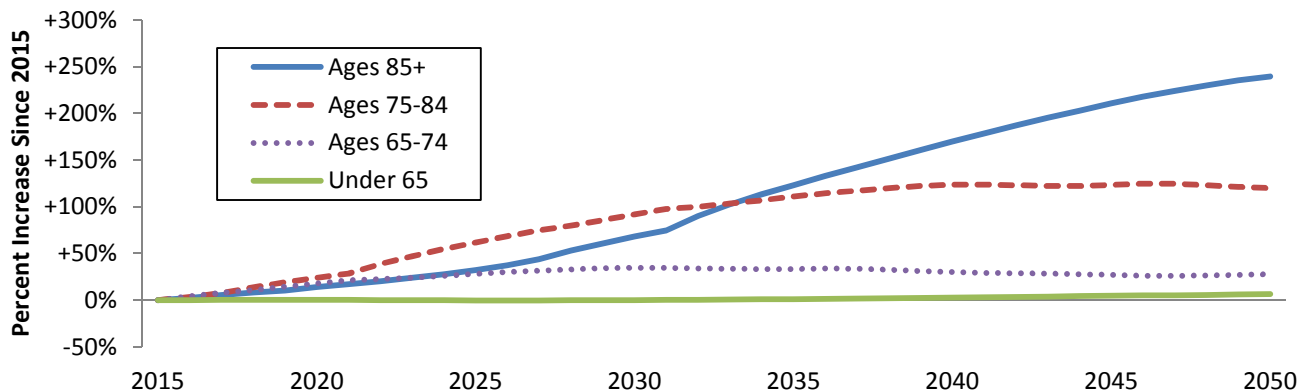


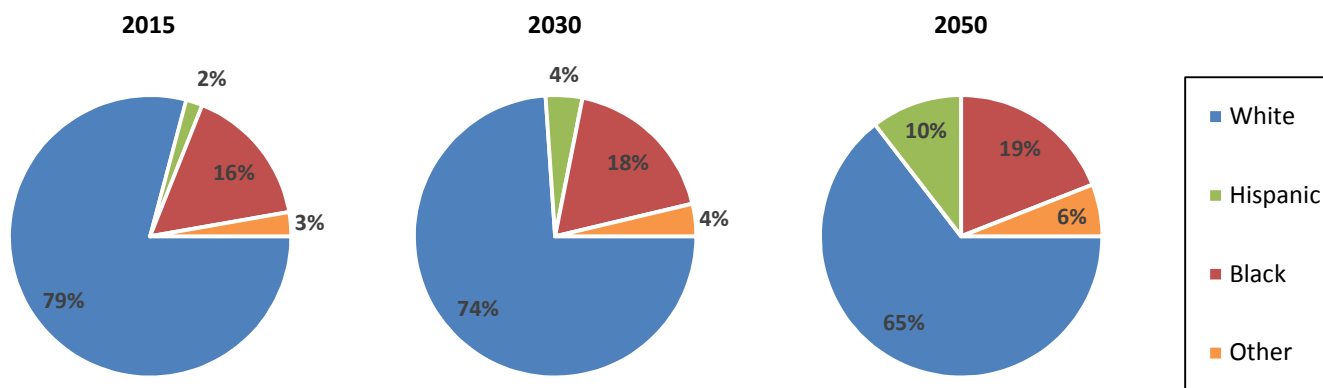
Across the States 2018: Profile of Long-Term Services and Supports in North Carolina

Projected Population Growth in North Carolina, by Age Group, 2015-2050



	2015			2030			2050		
	State	Rank	U.S.	State	Rank	U.S.	State	Rank	U.S.
Population (thousands)									
All Ages	10,043	9	321,419	10,884	9	358,380	11,786	9	395,882
Under 65	8,526	9	273,658	8,533	9	284,013	9,073	10	307,819
Ages 50+	3,486	9	110,973	4,228	8	134,344	4,856	9	160,466
Ages 65+	1,517	9	47,761	2,351	8	74,367	2,713	9	88,062
Ages 85+	175	10	6,287	294	8	9,300	594	8	19,385
Percent of Total Population									
Ages 50+	34.7%	30	34.5%	38.8%	16	37.5%	41.2%	16	40.5%
Ages 65+	15.1%	27	14.9%	21.6%	21	20.8%	23.0%	14	22.2%
Ages 85+	1.7%	37	2.0%	2.7%	22	2.6%	5.0%	27	4.9%
Percent Change from 2015									
All Ages				+8%	29	+11%	+17%	32	+23%
Under 65				0%	32	+4%	+6%	33	+12%
Ages 50+				+21%	15	+21%	+39%	22	+45%
Ages 65+				+55%	21	+56%	+79%	21	+84%
Ages 85+				+68%	12	+48%	+240%	16	+208%

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



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

Across the States 2018: North Carolina State Profile

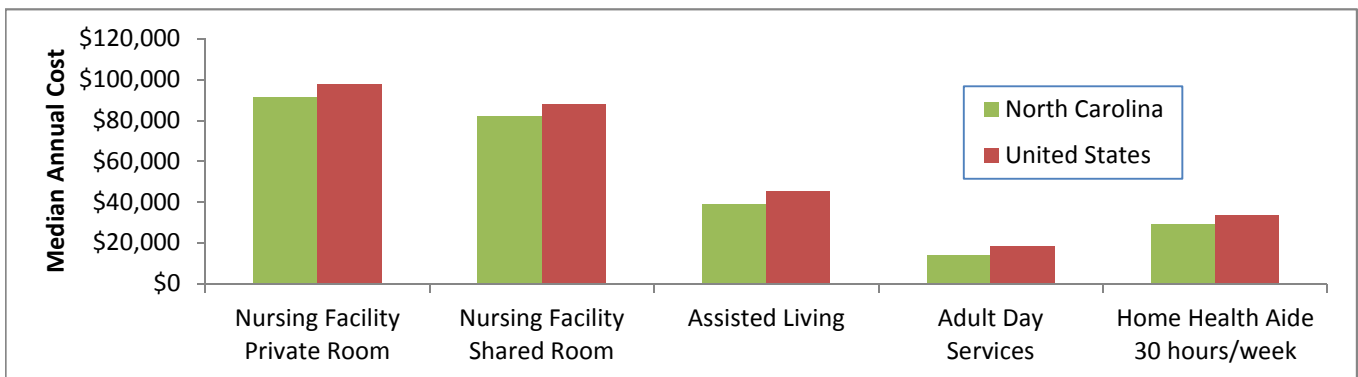
Population Characteristics

Living Arrangements and Poverty, 2016	Number (1,000's)	Percent	Rank	U.S.
People ages 75+ living alone	202	32.2%	30	31.6%
People ages 65+ living in nonmetropolitan areas	422	26.9%	23	17.3%
Below poverty level ages 65+	143	9.4%	16	9.2%
Below 250% of poverty level ages 65+	623	40%	9	37%

Household Income, 2016	State	Rank	U.S.
Median household income ages 65+	\$38,794	41	\$42,113

Disability Rates, 2016	Number (1,000's)	Percent	Rank	U.S.
People ages 65+ with disabilities				
Self-care difficulty	121	8.0%	22	8.1%
Cognitive difficulty	146	9.5%	17	8.9%
Any disability	547	35.8%	19	35.0%
People ages 18-64 with disabilities				
Self-care difficulty	131	2.1%	14	1.9%
Cognitive difficulty	298	4.9%	22	4.5%
Any disability	723	11.8%	20	10.6%

Private Pay Costs



Annualized Private Pay Costs by LTSS Type, 2017	State	Rank	U.S.
Nursing facility, private room	\$91,250	31	\$97,455
Nursing facility, shared room	\$82,125	30	\$87,600
Assisted living	\$39,000	41	\$45,000
Adult day services	\$13,780	48	\$18,200
Home health aide (30 hours/week)	\$28,860	46	\$33,540

Long-Term Care Insurance, 2015	State	Per 1,000 Ages 40+	Rank	U.S.
Private long-term care insurance policies in effect	215,583	45	31	50

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

Across the States 2018: North Carolina State Profile

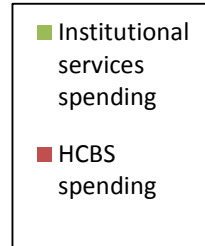
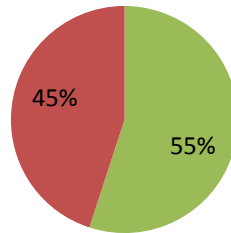
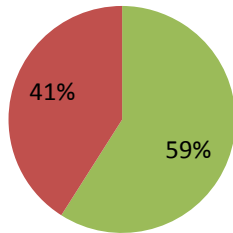
Medicaid Long Term Services and Supports

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 *	40%	17	38%
	2016 *	41%	19	45%
	% change	+0.9%	38	+7.0%

Medicaid LTSS Spending Balance in North Carolina, 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 *	\$2,381	\$234	38	\$320
Nursing facility spending	\$1,405	\$138	36	\$175
HCBS spending	\$976	\$96	25	\$145
Medicaid LTSS spending for all populations, 2016 *	\$3,681	\$362	41	\$515
Institutional services spending	\$2,022	\$199	28	\$223
HCBS spending	\$1,659	\$163	41	\$292
State-funded HCBS expenditures for older people and adults with physical disabilities, 2014	\$84.7	\$8.53	8	\$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	+17%	30	+22%
Nursing facility spending	+16%	20	+8%
HCBS spending	+20%	33	+45%

Medicaid LTSS Users Ages 65+, 2013	State	Per 1,000 Ages 65+	Rank	U.S.
All Medicaid LTSS users ages 65+ ***	69,499	49	16	47
Institutional services only ***	29,114	21	26	22
HCBS only **	36,688	26	9	23
HCBS and institutional services **	3,697	2.6	16	2.8

Medicaid LTSS Users, All Ages, 2013	State	Per 1,000 People	Rank	U.S.
All Medicaid LTSS users ***	148,091	15.0	25	16.4
Institutional services only ***	40,565	4.1	26	4.7
HCBS only ***	101,959	10.4	19	11.1
HCBS and institutional services ***	5,567	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: North Carolina State Profile

Family Caregivers

	State	Per 1,000 People	Rank	U.S.
Number of family caregivers, 2013	1,280,000	130	18	127
Economic value of family caregiving, 2013 (millions)	\$13,400	\$1.36	43	\$1.49
Economic value per hour, 2013	\$11.27		46	\$12.51
Ratio of economic value to Medicaid HCBS spending, 2013	6.9		23	6.2
Caregiver Support Ratio (age 45-64 per age 80+), 2015	7.5		14	7.0
Caregiver Support Ratio, 2050 (projected)	2.8		28	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 **	21,338	81	44	148
Median hourly wage, 2017	\$9.83		38	\$11.11
Home health aides, 2015 **	28,779	109	16	104
Median hourly wage, 2017	\$9.48		48	\$11.16

Congregate and Home Delivered Meals, 2016	State	Per 1,000 Ages 65+	Rank	U.S.
People receiving OAA congregate meals	23,526	15	45	32
People receiving OAA home delivered meals	18,185	12	38	17
Total OAA meal expenditures (thousands)	\$26,318	\$17	46	\$31

Assisted Living Supply, 2014	State	Per 1,000 Ages 75+	Rank	U.S.
Assisted living and residential care units ***	39,000	65	11	52

Nursing Facilities

Nursing Facilities, Utilization, and Resources	State	Per 1,000 Ages 75+	Rank	U.S.
Total nursing facilities, 2016	425	0.68	34	0.76
Nursing facility beds, 2016	44,512	71	34	80
Nursing facility residents, 2016	36,601	58	32	65
Nursing facility occupancy rate, 2016	82%		28	81%
% Change in nursing facility residents, 2011-2016	-2.8%		23	-3.9%
Direct care nursing hours per resident day, 2016	3.94		37	4.03
RN hours per resident day, 2016	0.70		44	0.79
Nursing assistants, 2015 **	28,983	47	25	43
Median hourly wage, 2017	\$11.67		43	\$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	7.2%	4	5.6%
Long-stay residents with a hospital admission, 2014	16.4%	23	17.0%
Nursing facility residents with low care needs, 2014 ****	6.8%	44	11.5%
Residents with Medicaid as primary payer, 2016	64%	16	62%
Residents with Medicare as primary payer, 2016	15%	15	14%
Residents with "other" as primary payer, 2016	20%	41	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.