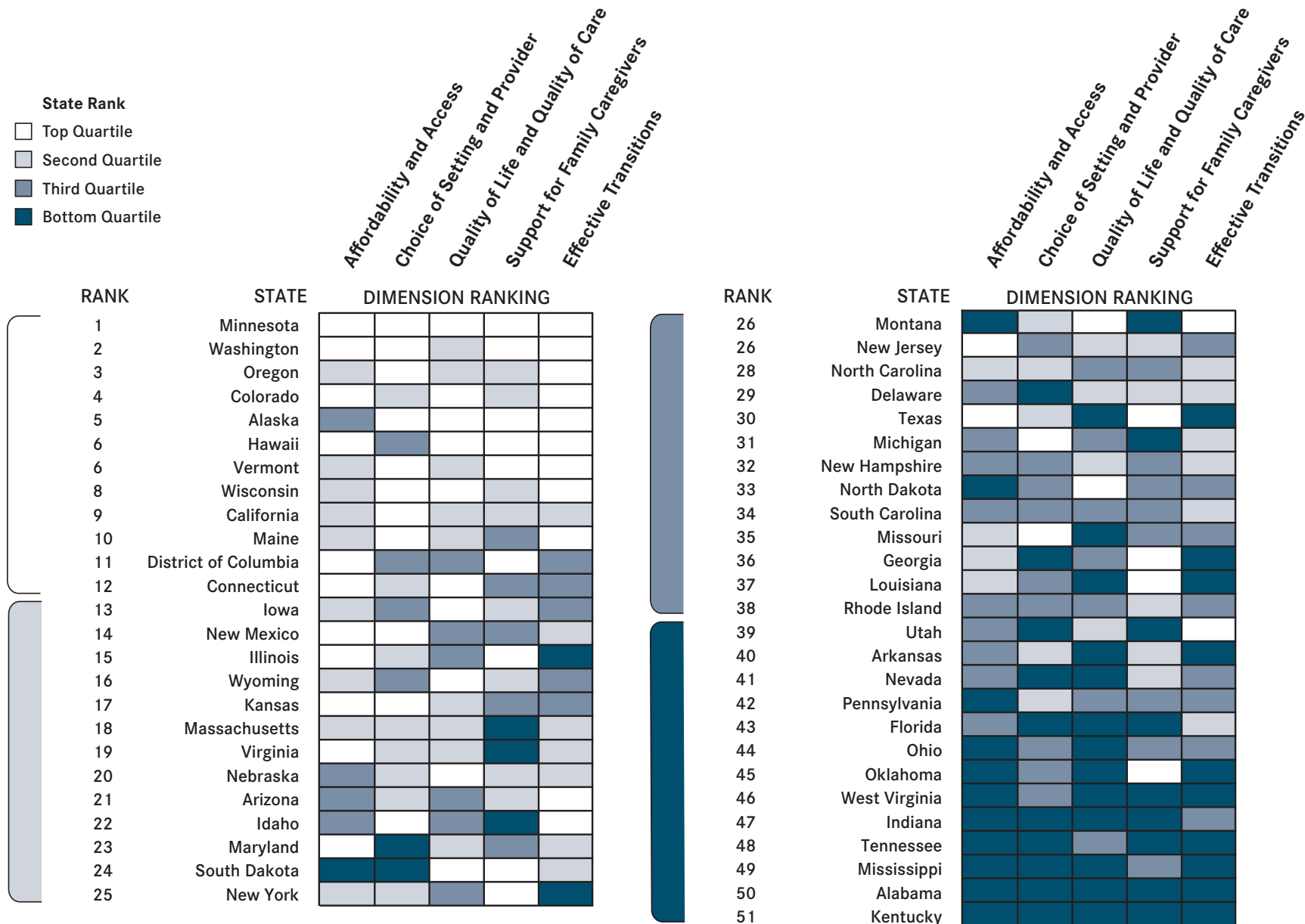


State Scorecard Summary of LTSS System Performance Across Dimensions



Note: Rankings are not entirely comparable to the 2011 Scorecard rankings in Exhibit A2. Changes in rank may not reflect changes in performance, and should not be interpreted as such.

Source: State Long-Term Services and Supports Scorecard, 2014.

List of 26 Indicators in State Scorecard on Long-Term Services and Supports

| Indicator | Most Recent Data | | | | Baseline Data | | | |
|--|------------------|--------------|--------------|-----------|---------------|--------------|--------------|-----------|
| | Data Year | Median Value | Bottom Value | Top Value | Data Year | Median Value | Bottom Value | Top Value |
| Affordability and Access | | | | | | | | |
| Median annual nursing home private pay cost as a percentage of median household income age 65+ | 2013 | 234% | 456% | 168% | 2010 | 224% | 444% | 166% |
| Median annual home care private pay cost as a percentage of median household income age 65+ | 2013 | 84% | 111% | 47% | 2010 | 89% | 125% | 55% |
| Private long-term care insurance policies in effect per 1,000 population age 40+ | 2011 | 44 | 26 | 130 | 2009 | 41 | 28 | 300 |
| Percent of adults age 21+ with ADL disability at or below 250% of poverty receiving Medicaid or other government assistance health insurance | 2011-12 | 51.4% | 42.3% | 78.1% | 2008-09 | 49.9% | 38.7% | 63.6% |
| Medicaid LTSS participant years per 100 adults age 21+ with ADL disability in nursing homes or at/below 250% poverty in the community | 2009 | 42.3 | 16.3 | 85.2 | 2007 | 36.6 | 15.9 | 74.6 |
| Aging and Disability Resource Center functions (composite indicator, scale 0-70) | 2012 | 54 | 14 | 67 | 2010 | *** | *** | *** |
| Choice of Setting and Provider | | | | | | | | |
| Percent of Medicaid and state-funded LTSS spending going to HCBS for older people and adults with physical disabilities | 2011 | 31.4% | 14.5% | 65.4% | 2009 | 29.8% | 10.7% | 64.6% |
| Percent of new Medicaid aged/disabled LTSS users first receiving services in the community | 2009 | 50.7% | 21.6% | 81.9% | 2007 | 49.8% | 21.8% | 83.3% |
| Number of people participant-directing services per 1,000 adults age 18+ with disabilities | 2013 | 8.8 | 0.03 | 127.3 | * | * | * | * |
| Home health and personal care aides per 1,000 population age 65+ | 2010-12 | 33 | 13 | 76 | 2007-09 | 29 | 16 | 80 |
| Assisted living and residential care units per 1,000 population age 65+ | 2012-13 | 27 | 11 | 125 | 2010 | 28 | 7 | 78 |
| Quality of Life and Quality of Care | | | | | | | | |
| Percent of adults age 18+ with disabilities in the community usually or always getting needed support | 2010 | 71.8% | 66.6% | 79.1% | 2009 | 68.5% | 61.3% | 78.2% |
| Percent of adults age 18+ with disabilities in the community satisfied or very satisfied with life | 2010 | 86.7% | 82.5% | 92.1% | 2009 | 85.0% | 80.2% | 92.4% |
| Rate of employment for adults with ADL disability ages 18-64 relative to rate of employment for adults without ADL disability ages 18-64 | 2011-12 | 23.4% | 13.8% | 37.2% | 2009-10 | 24.2% | 16.7% | 44.4% |
| Percent of high-risk nursing home residents with pressure sores | 2013 | 5.9% | 9.0% | 3.0% | * | * | * | * |
| Nursing home staffing turnover: ratio of employee terminations to the average number of active employees | 2010 | 38.1% | 72.0% | 15.4% | 2008 | 46.9% | 76.9% | 18.7% |
| Percent of long-stay nursing home residents who are receiving an antipsychotic medication | 2013 | 20.2% | 27.6% | 11.9% | ** | ** | ** | ** |

List of 26 Indicators in State Scorecard on Long-Term Services and Supports (continued)

| Indicator | Most Recent Data | | | | Baseline Data | | | |
|---|------------------|--------------|--------------|-----------|---------------|--------------|--------------|-----------|
| | Data Year | Median Value | Bottom Value | Top Value | Data Year | Median Value | Bottom Value | Top Value |
| Support for Family Caregivers | | | | | | | | |
| Legal and system supports for family caregivers (composite indicator, scale 0-14.5) | 2012-13 | 3.00 | 0.50 | 8.00 | 2008-10 | *** | *** | *** |
| Number of health maintenance tasks able to be delegated to LTSS workers (out of 16 tasks) | 2013 | 9.5 | 0 | 16 | 2011 | 7.5 | 0 | 16 |
| Family caregivers without much worry or stress, with enough time, well-rested | 2011-12 | 61.6% | 54.3% | 72.8% | 2010 | 60.8% | 53.3% | 66.6% |
| Effective Transitions | | | | | | | | |
| Percent of nursing home residents with low care needs | 2010 | 11.7% | 26.7% | 1.1% | 2007 | 11.9% | 25.1% | 1.3% |
| Percent of home health patients with a hospital admission | 2012 | 25.5% | 32.3% | 18.9% | * | * | * | * |
| Percent of long-stay nursing home residents hospitalized within a six-month period | 2010 | 18.9% | 31.1% | 7.3% | 2008 | 18.9% | 32.5% | 8.3% |
| Percent of nursing home residents with moderate to severe dementia with one or more potentially burdensome transitions at end of life | 2009 | 20.3% | 39.5% | 7.1% | ** | ** | ** | ** |
| Percent of new nursing home stays lasting 100 days or more | 2009 | 19.8% | 35.0% | 10.3% | ** | ** | ** | ** |
| Percent of people with 90+ day nursing home stays successfully transitioning back to the community | 2009 | 7.9% | 4.8% | 15.8% | ** | ** | ** | ** |

* Baseline data not comparable to current data.

** Baseline data not available.

*** Change over time data for these composite indicators are based on a partial baseline (data not shown); see Exhibits A6 and A14 in Appendix A for additional detail.

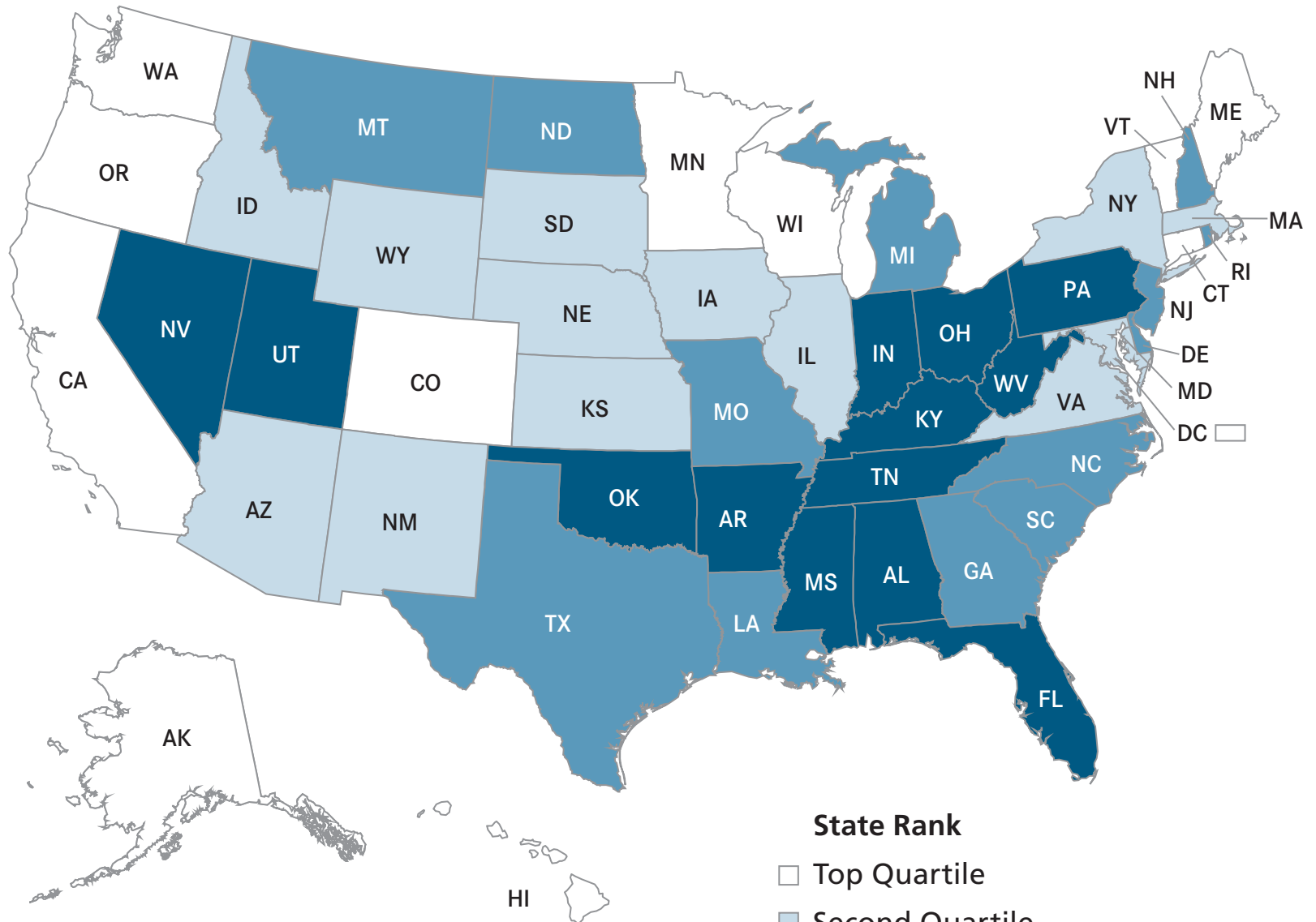
Source: State Long-Term Services and Supports Scorecard, 2014.

Change in State Performance by Indicator

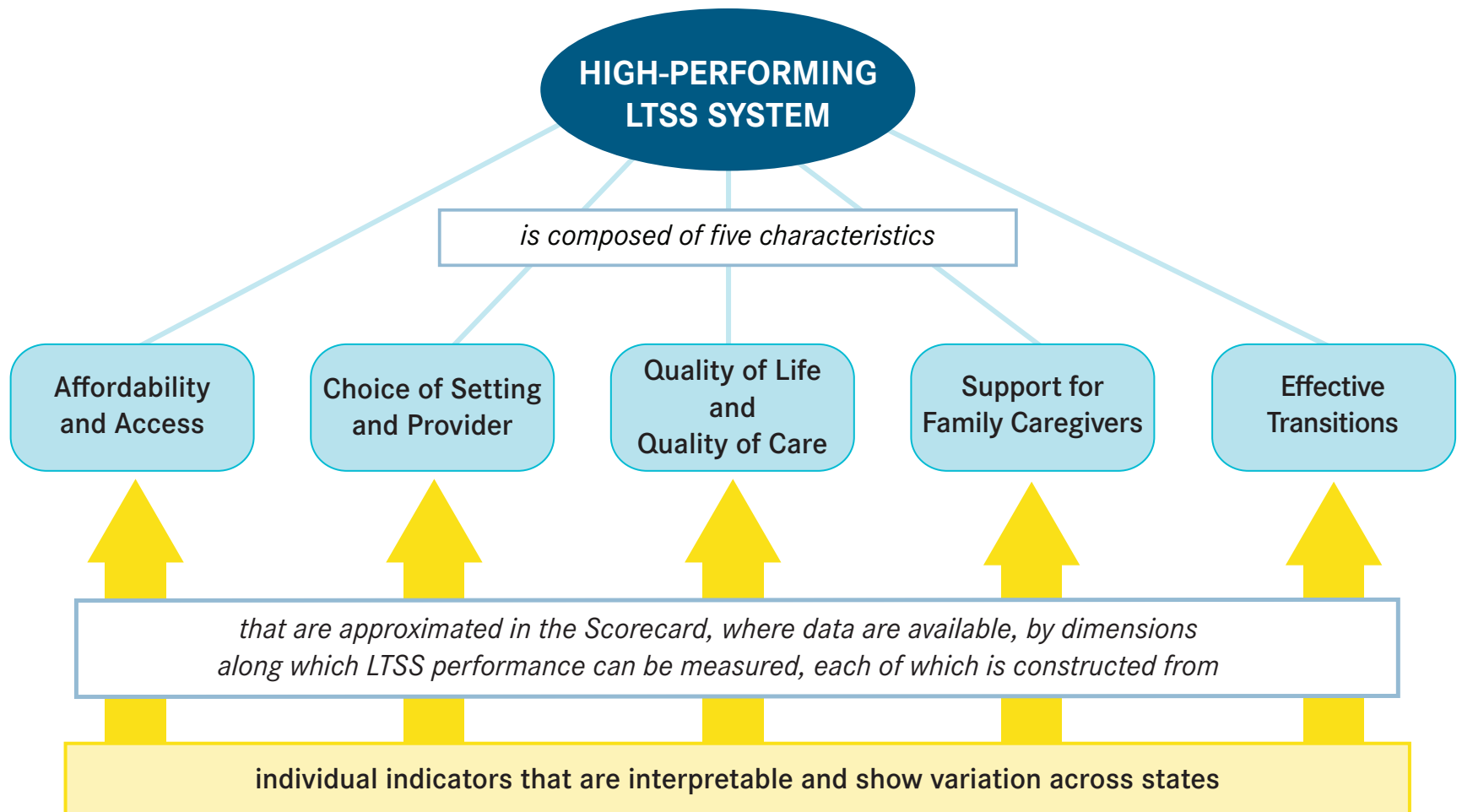
| Indicator | Number of States That Showed | | |
|--|------------------------------|------------------|---------|
| | Improvement | Little/No Change | Decline |
| Affordability and Access | | | |
| Median annual nursing home private pay cost as a percentage of median household income age 65+ | 2 | 46 | 3 |
| Median annual home care private pay cost as a percentage of median household income age 65+ | 10 | 40 | 1 |
| Private long-term care insurance policies in effect per 1,000 population age 40+ | 8 | 41 | 2 |
| Percent of adults age 21+ with ADL disability at or below 250% of poverty receiving Medicaid or other government assistance health insurance | 26 | 18 | 7 |
| Medicaid LTSS participant years per 100 adults age 21+ with ADL disability in nursing homes or at/below 250% poverty in the community | 33 | 7 | 2 |
| Aging and Disability Resource Center functions (composite indicator, scale 0-70) | 28 | 20 | 3 |
| Choice of Setting and Provider | | | |
| Percent of Medicaid and state-funded LTSS spending going to HCBS for older people and adults with physical disabilities | 24 | 24 | 3 |
| Percent of new Medicaid aged/disabled LTSS users first receiving services in the community | 22 | 13 | 8 |
| Home health and personal care aides per 1,000 population age 65+ | 36 | 12 | 3 |
| Assisted living and residential care units per 1,000 population age 65+ | 8 | 35 | 7 |
| Quality of Life and Quality of Care | | | |
| Percent of adults age 18+ with disabilities in the community usually or always getting needed support | 33 | 16 | 2 |
| Percent of adults age 18+ with disabilities in the community satisfied or very satisfied with life | 31 | 15 | 5 |
| Rate of employment for adults with ADL disability ages 18–64 relative to rate of employment for adults without ADL disability ages 18–64 | 10 | 21 | 20 |
| Nursing home staffing turnover: ratio of employee terminations to the average number of active employees | 31 | 9 | 8 |
| Support for Family Caregivers | | | |
| Legal and system supports for family caregivers (composite indicator, scale 0-14.5) | 29 | 22 | |
| Number of health maintenance tasks able to be delegated to LTSS workers (out of 16 tasks) | 13 | 31 | 2 |
| Family caregivers without much worry or stress, with enough time, well-rested | 8 | 39 | 4 |
| Effective Transitions | | | |
| Percent of nursing home residents with low care needs | 14 | 34 | 1 |
| Percent of long-stay nursing home residents hospitalized within a six-month period | 8 | 36 | 4 |

Notes: Improvement or decline refers to a change between the baseline and current time periods of at least 10 percent or equivalent (see [Appendix B5](#) for detail).
Showing trend for the 19 of 26 total indicators—trend data are not available for all indicators.
Source: State Long-Term Services and Supports Scorecard, 2014.

State Ranking on Overall LTSS System Performance



Framework for Assessing LTSS System Performance



Source: State Long-Term Services and Supports Scorecard, 2014.

State Ranking on LTSS System Performance by Dimension

| Overall Rank* | State | Affordability & Access Rank | Choice of Setting and Provider Rank | Quality of Life & Quality of Care Rank | Support for Family Caregivers Rank | Effective Transitions Rank |
|---------------|----------------------|-----------------------------|-------------------------------------|--|------------------------------------|----------------------------|
| 50 | Alabama | 47 | 51 | 44 | 47 | 46 |
| 5 | Alaska | 38 | 3 | 2 | 4 | 8 |
| 21 | Arizona | 31 | 24 | 33 | 23 | 7 |
| 40 | Arkansas | 28 | 23 | 47 | 16 | 49 |
| 9 | California | 14 | 2 | 24 | 24 | 22 |
| 4 | Colorado | 5 | 14 | 7 | 16 | 11 |
| 12 | Connecticut | 4 | 22 | 6 | 30 | 39 |
| 29 | Delaware | 27 | 47 | 18 | 26 | 14 |
| 11 | District of Columbia | 1 | 29 | 30 | 2 | 35 |
| 43 | Florida | 35 | 41 | 43 | 40 | 14 |
| 36 | Georgia | 26 | 44 | 36 | 5 | 40 |
| 6 | Hawaii | 2 | 36 | 9 | 1 | 9 |
| 22 | Idaho | 38 | 9 | 27 | 42 | 3 |
| 15 | Illinois | 9 | 21 | 28 | 10 | 43 |
| 47 | Indiana | 44 | 42 | 45 | 51 | 33 |
| 13 | Iowa | 19 | 27 | 4 | 20 | 38 |
| 17 | Kansas | 11 | 10 | 20 | 35 | 37 |
| 51 | Kentucky | 51 | 50 | 50 | 46 | 42 |
| 37 | Louisiana | 24 | 30 | 41 | 7 | 51 |
| 10 | Maine | 23 | 12 | 23 | 29 | 6 |
| 23 | Maryland | 6 | 45 | 16 | 33 | 20 |
| 18 | Massachusetts | 17 | 14 | 15 | 41 | 26 |
| 31 | Michigan | 32 | 13 | 26 | 44 | 18 |
| 1 | Minnesota | 3 | 1 | 1 | 3 | 12 |
| 49 | Mississippi | 49 | 48 | 42 | 28 | 50 |
| 35 | Missouri | 21 | 11 | 46 | 32 | 34 |

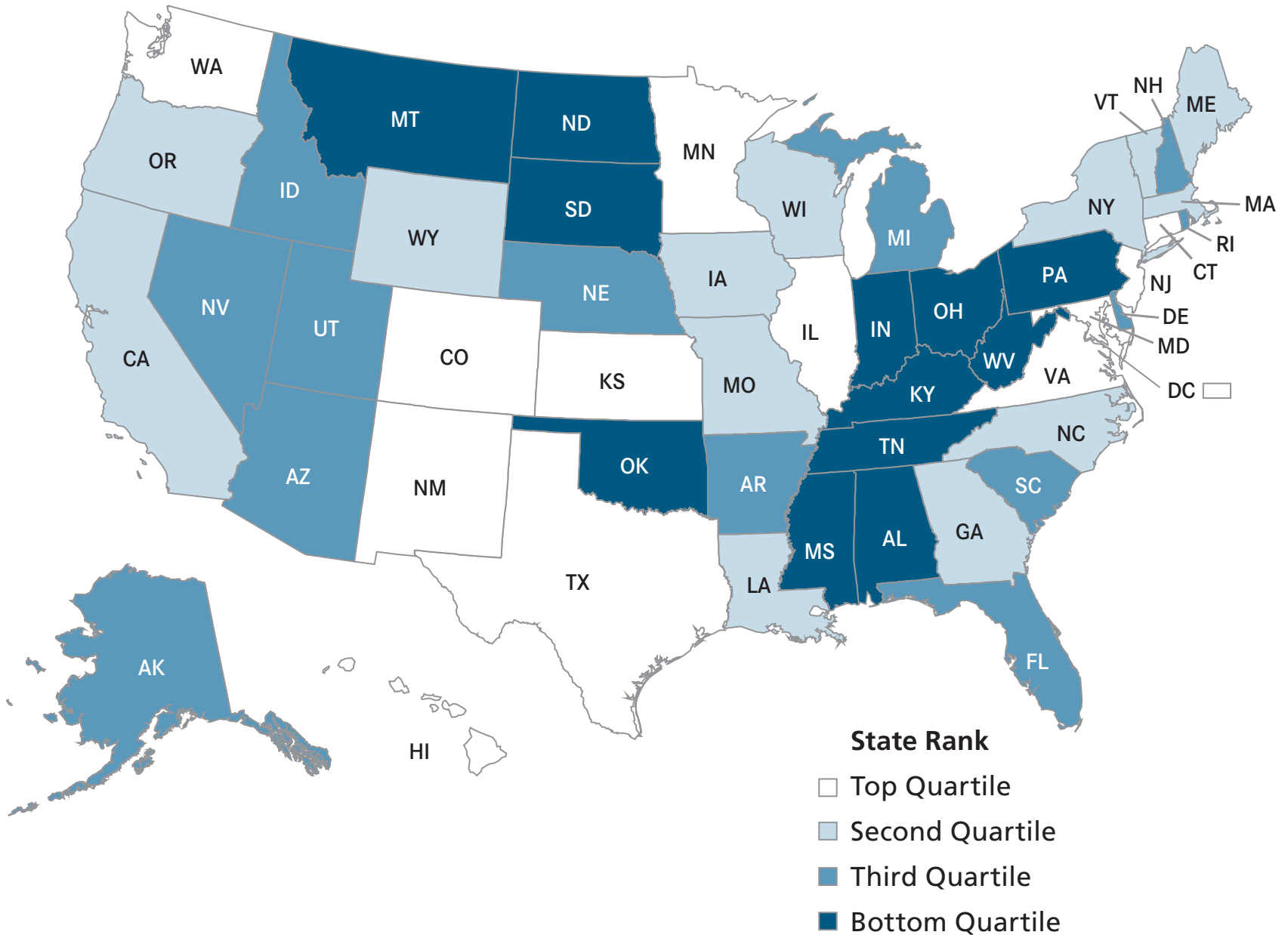
State Ranking on LTSS System Performance by Dimension (continued)

| Overall Rank* | State | Affordability & Access Rank | Choice of Setting and Provider Rank | Quality of Life & Quality of Care Rank | Support for Family Caregivers Rank | Effective Transitions Rank |
|---------------|----------------|-----------------------------|-------------------------------------|--|------------------------------------|----------------------------|
| 26 | Montana | 41 | 18 | 11 | 49 | 10 |
| 20 | Nebraska | 37 | 25 | 10 | 18 | 25 |
| 41 | Nevada | 32 | 40 | 40 | 24 | 32 |
| 32 | New Hampshire | 29 | 39 | 13 | 38 | 19 |
| 26 | New Jersey | 13 | 37 | 21 | 22 | 36 |
| 14 | New Mexico | 12 | 6 | 38 | 37 | 17 |
| 25 | New York | 22 | 20 | 34 | 6 | 45 |
| 28 | North Carolina | 24 | 19 | 35 | 31 | 21 |
| 33 | North Dakota | 48 | 34 | 3 | 27 | 29 |
| 44 | Ohio | 42 | 32 | 39 | 39 | 27 |
| 45 | Oklahoma | 45 | 27 | 51 | 9 | 48 |
| 3 | Oregon | 20 | 5 | 13 | 14 | 1 |
| 42 | Pennsylvania | 46 | 25 | 37 | 36 | 28 |
| 38 | Rhode Island | 36 | 38 | 31 | 19 | 31 |
| 34 | South Carolina | 29 | 35 | 29 | 34 | 16 |
| 24 | South Dakota | 40 | 43 | 5 | 13 | 24 |
| 48 | Tennessee | 43 | 49 | 31 | 48 | 44 |
| 30 | Texas | 10 | 16 | 49 | 11 | 47 |
| 39 | Utah | 34 | 46 | 25 | 50 | 2 |
| 6 | Vermont | 15 | 8 | 17 | 12 | 5 |
| 19 | Virginia | 8 | 17 | 22 | 45 | 23 |
| 2 | Washington | 7 | 4 | 19 | 7 | 4 |
| 46 | West Virginia | 50 | 30 | 48 | 43 | 41 |
| 8 | Wisconsin | 18 | 7 | 7 | 14 | 13 |
| 16 | Wyoming | 16 | 33 | 12 | 21 | 30 |

* Final rank for overall LTSS system performance across five dimensions.

Source: State Long-Term Services and Supports Scorecard, 2014.

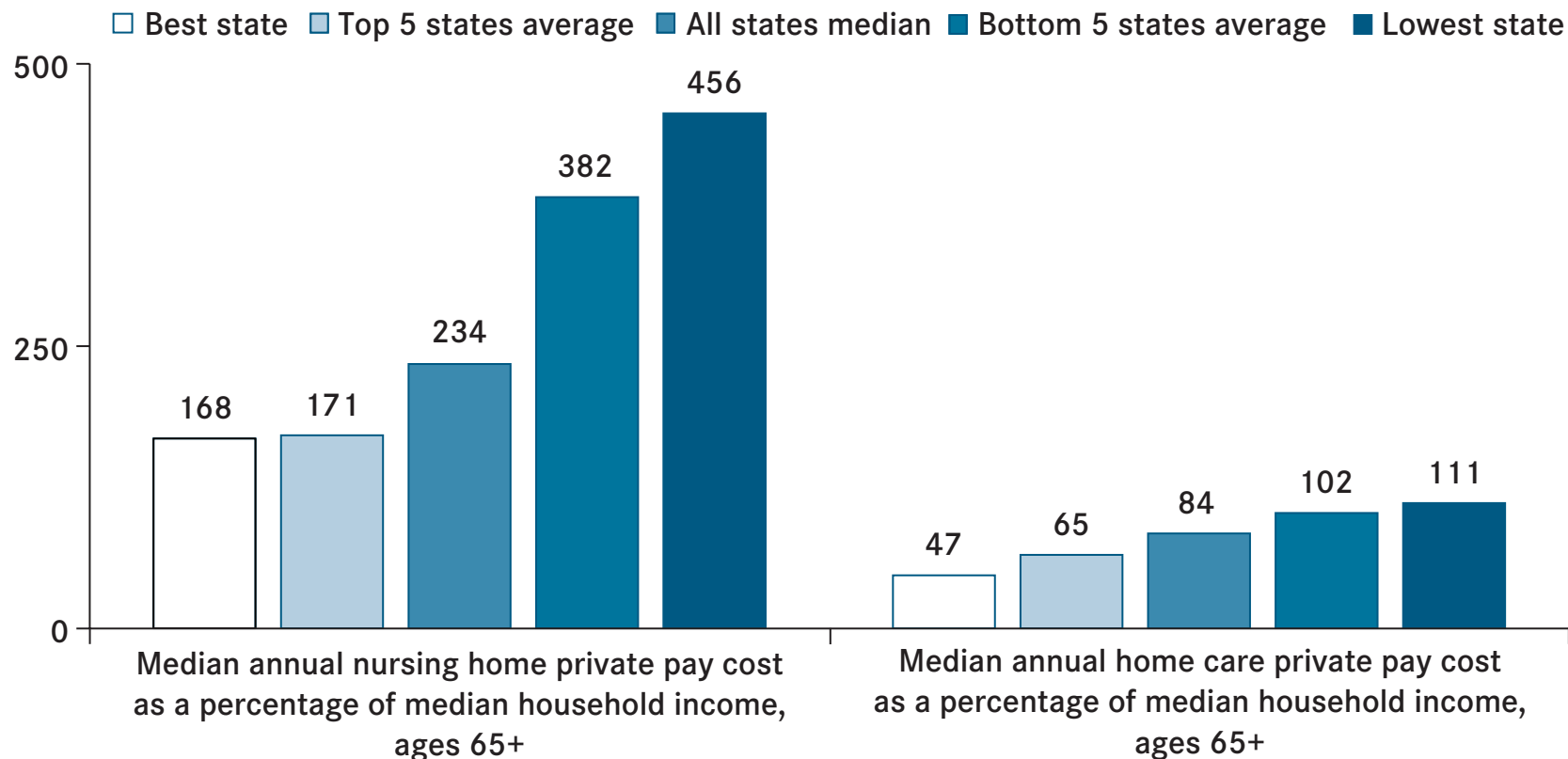
State Ranking on Affordability and Access Dimension



Source: State Long-Term Services and Supports Scorecard, 2014.

State Variation: Private Pay Nursing Home and Home Health Cost

Percent



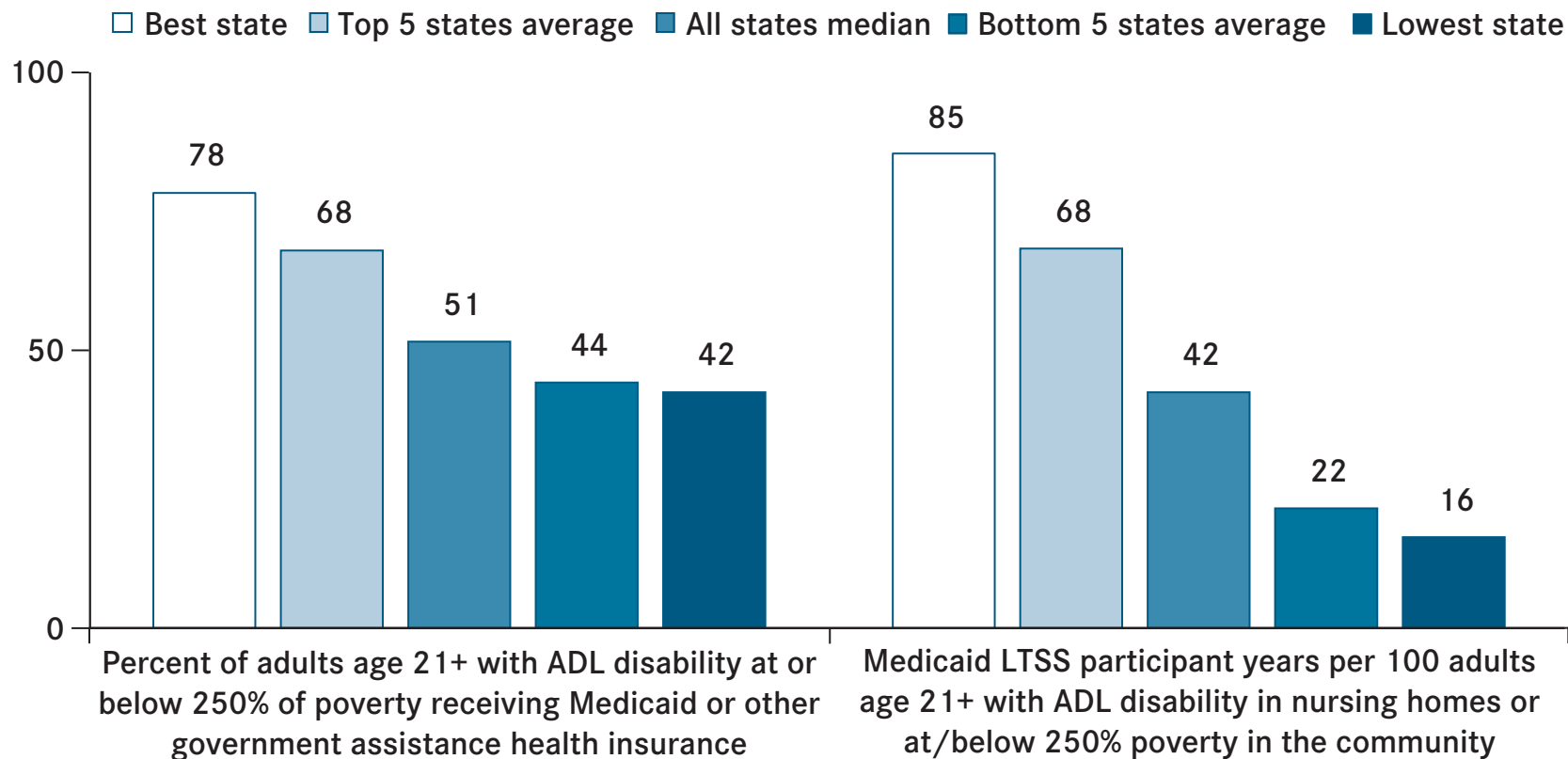
Top 5 states

- 1 Oklahoma
- 2 District of Columbia
- 3 Utah
- 4 Kansas
- 4 Missouri

- 1 District of Columbia
- 2 Maryland
- 2 Virginia
- 4 Hawaii
- 5 Georgia

Data: AARP Public Policy Institute analysis of Genworth 2013 Cost of Care Survey data and 2012 American Community Survey Public Use Microdata Sample.
Source: State Long-Term Services and Supports Scorecard, 2014.

State Variation: Reach of Medicaid Safety Net



Top 5 states

- 1 District of Columbia
- 2 Massachusetts
- 3 New York
- 4 Alaska
- 5 Maine

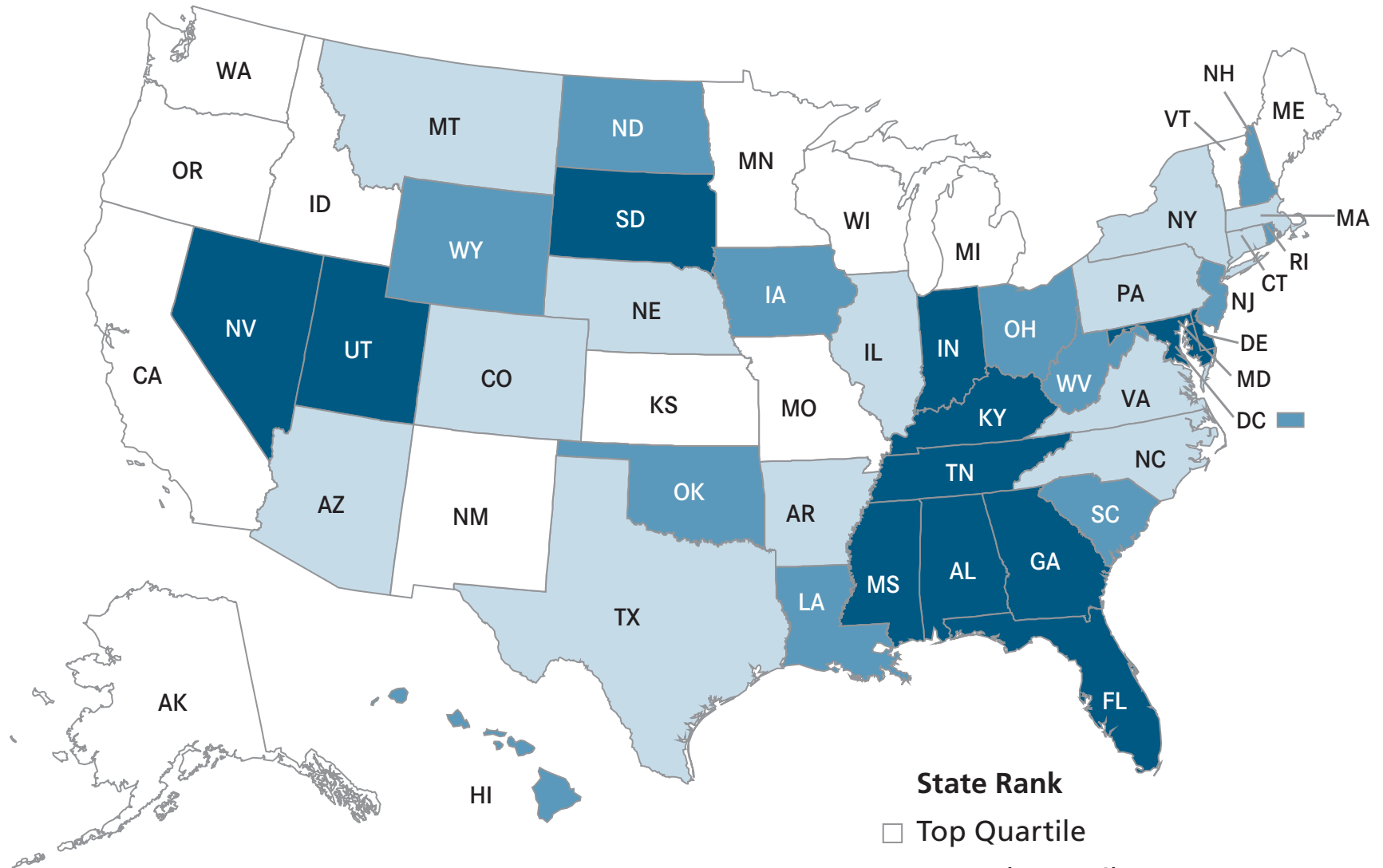
- 1 California
- 2 Minnesota
- 3 Washington
- 4 Connecticut
- 5 Illinois

Note: ADL = Activities of Daily Living.

Data: Percentage on Medicaid - AARP Public Policy Institute analysis of 2012 American Community Survey Public Use Microdata Sample. Percentage on Medicaid LTSS - Mathematica Policy Research analysis of 2008/2009 Medicaid Analytical Extract (MAX); AARP Public Policy Institute analysis of 2009 American Community Survey Public Use Microdata Sample; and AARP Public Policy Institute, *Across the States 2012: Profiles of Long-Term Services and Supports*.

Source: State Long-Term Services and Supports Scorecard, 2014.

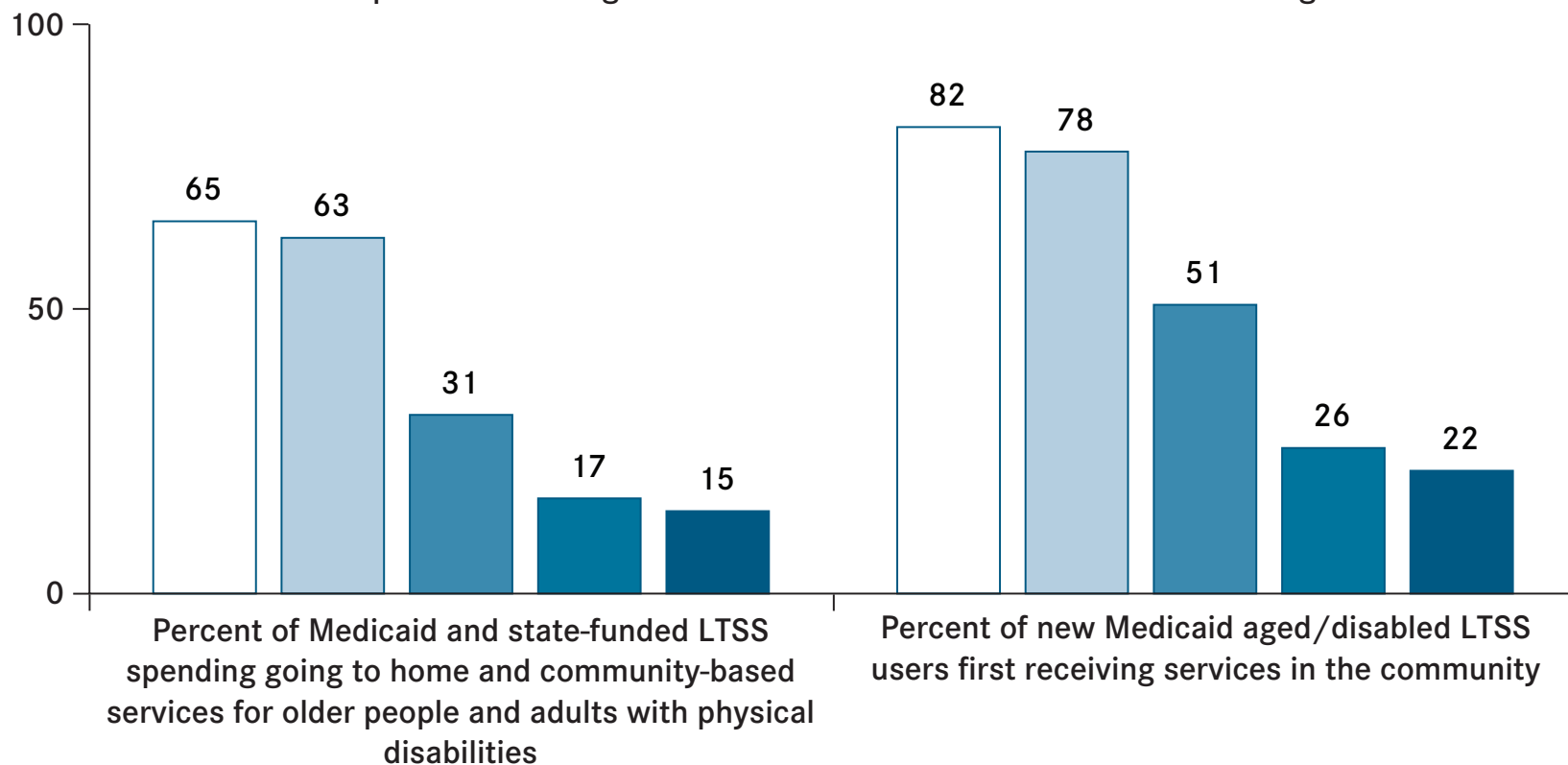
State Ranking on Choice of Setting and Provider Dimension



State Variation: Measures of Medicaid LTSS Balance

Percent

Best state Top 5 states average All states median Bottom 5 states average Lowest state



Top 5 states

- 1 New Mexico
- 2 Minnesota
- 3 Washington
- 4 Alaska
- 5 Oregon

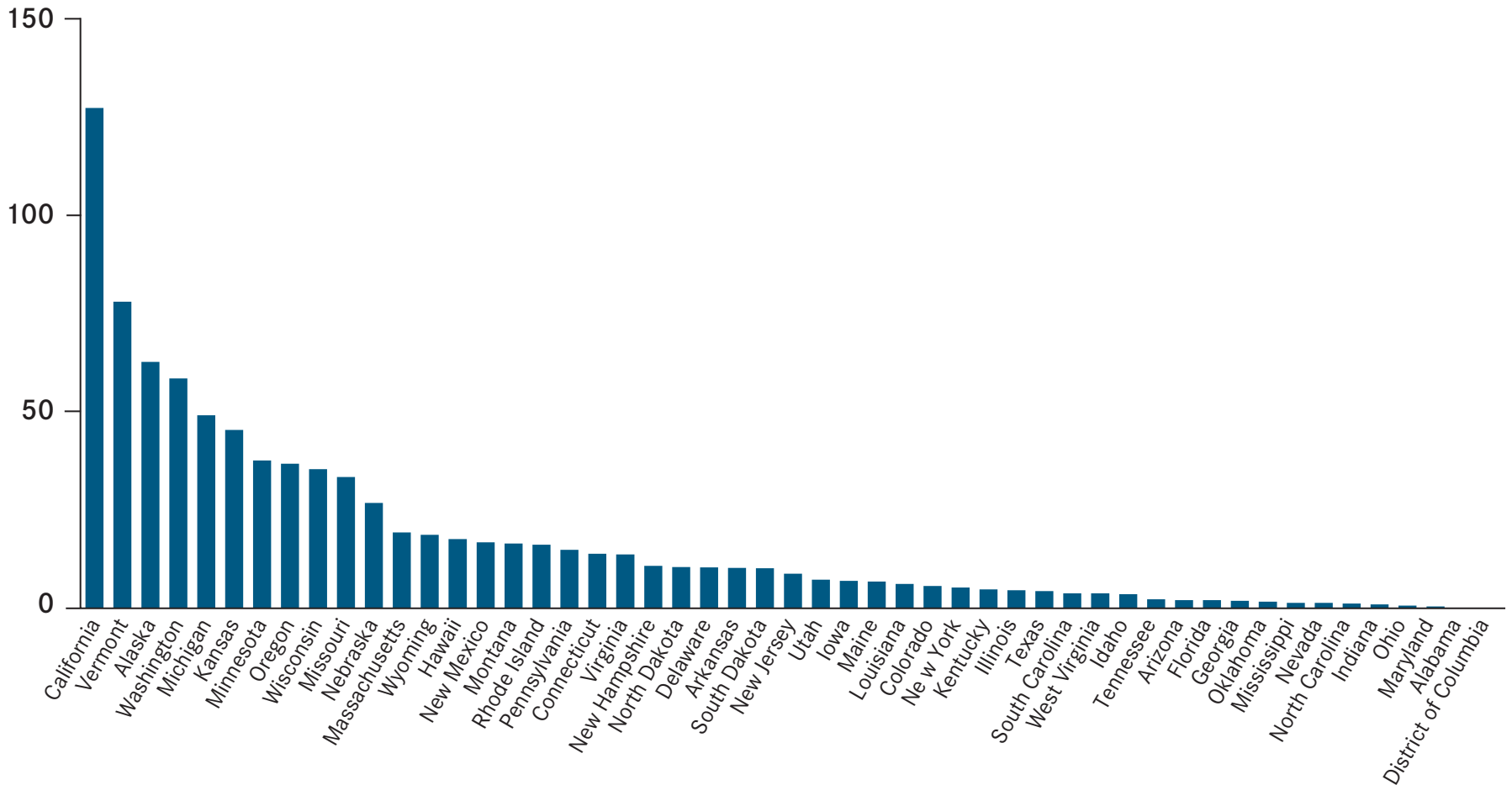
- 1 Alaska
- 2 Minnesota
- 3 New Mexico
- 4 District of Columbia
- 5 Idaho

Data: LTSS Spending - AARP Public Policy Institute analysis of Truven Health Analytics, Medicaid Expenditures for Long Term Services and Supports in 2011 (Revised October 2013); AARP Public Policy Institute Survey (2012); New Medicaid Users - Mathematica Policy Research analysis of 2008/2009 Medicaid Analytical Extract (MAX).

Source: State Long-Term Services and Supports Scorecard, 2014.

State Rates of Participant Directed Services for Adults with Disabilities

Number of people participant-directing services per 1,000 adults age 18+ with disabilities

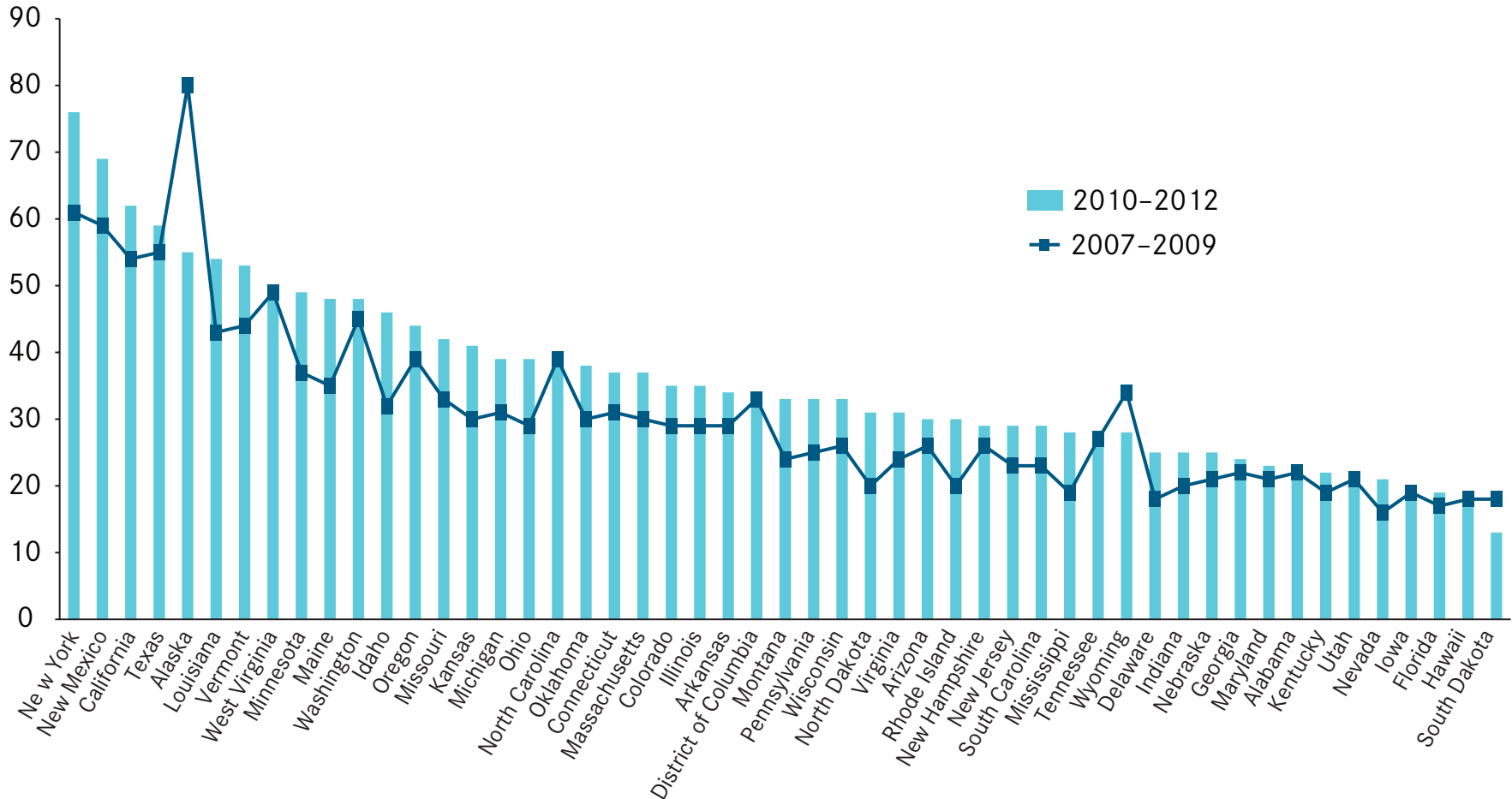


Data: National Resource Center for Participant-Directed Services, Boston College National Inventory of Participant-Directed Supports and Services, WAVE TWO, 2013 survey data; 2012 American Community Survey.

Source: State Long-Term Services and Supports Scorecard, 2014.

State Performance: Home Health Aide Supply, 2010-2012 Compared to 2007-2009

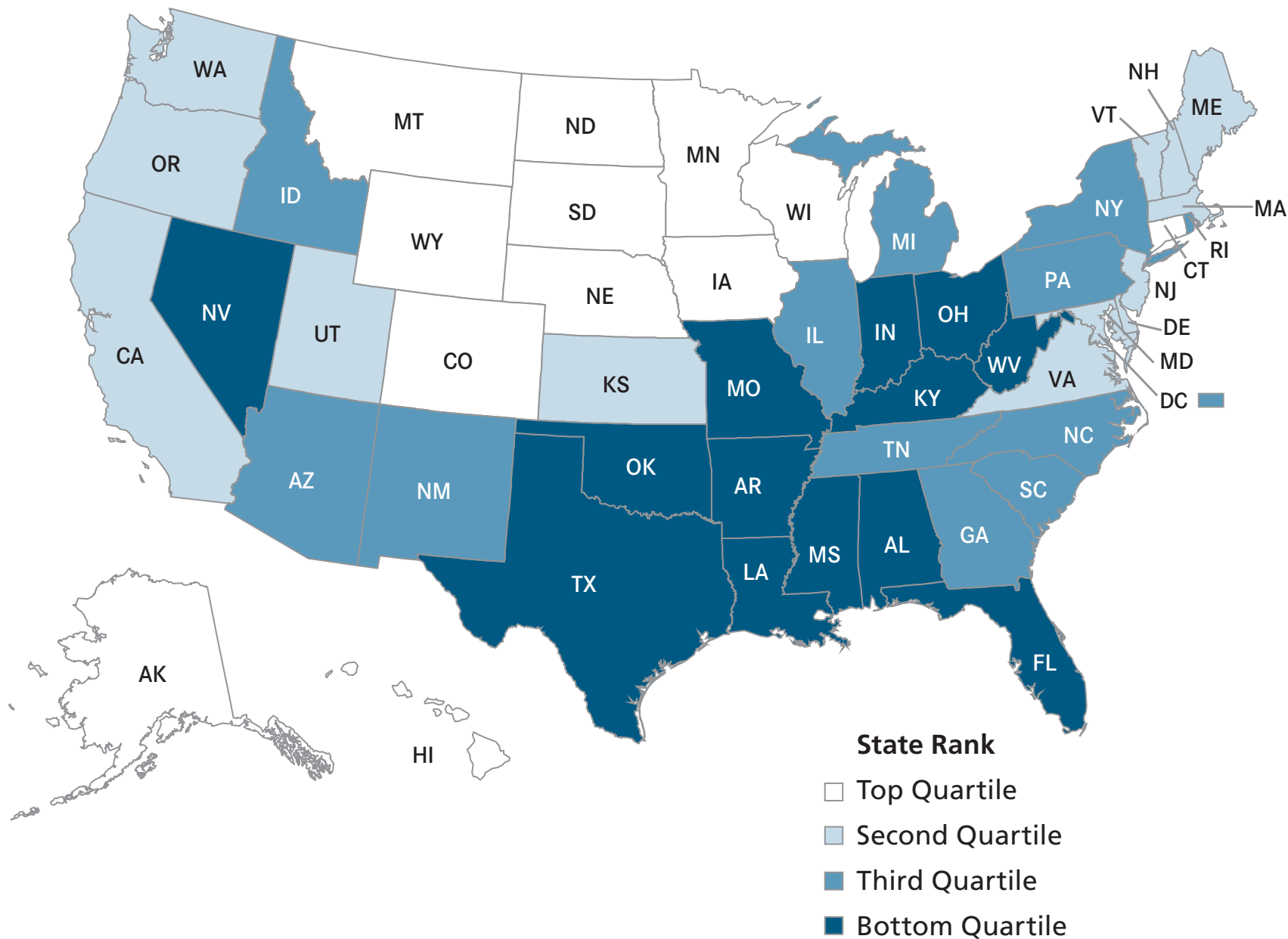
Number of personal care, psychiatric, and home health aide direct care workers per 1,000 population age 65 or older



Data: 2007-2012 American Community Survey Public Use Microdata, 2007-2012 U.S. Census Bureau Population Estimates.

Source: State Long-Term Services and Supports Scorecard, 2014.

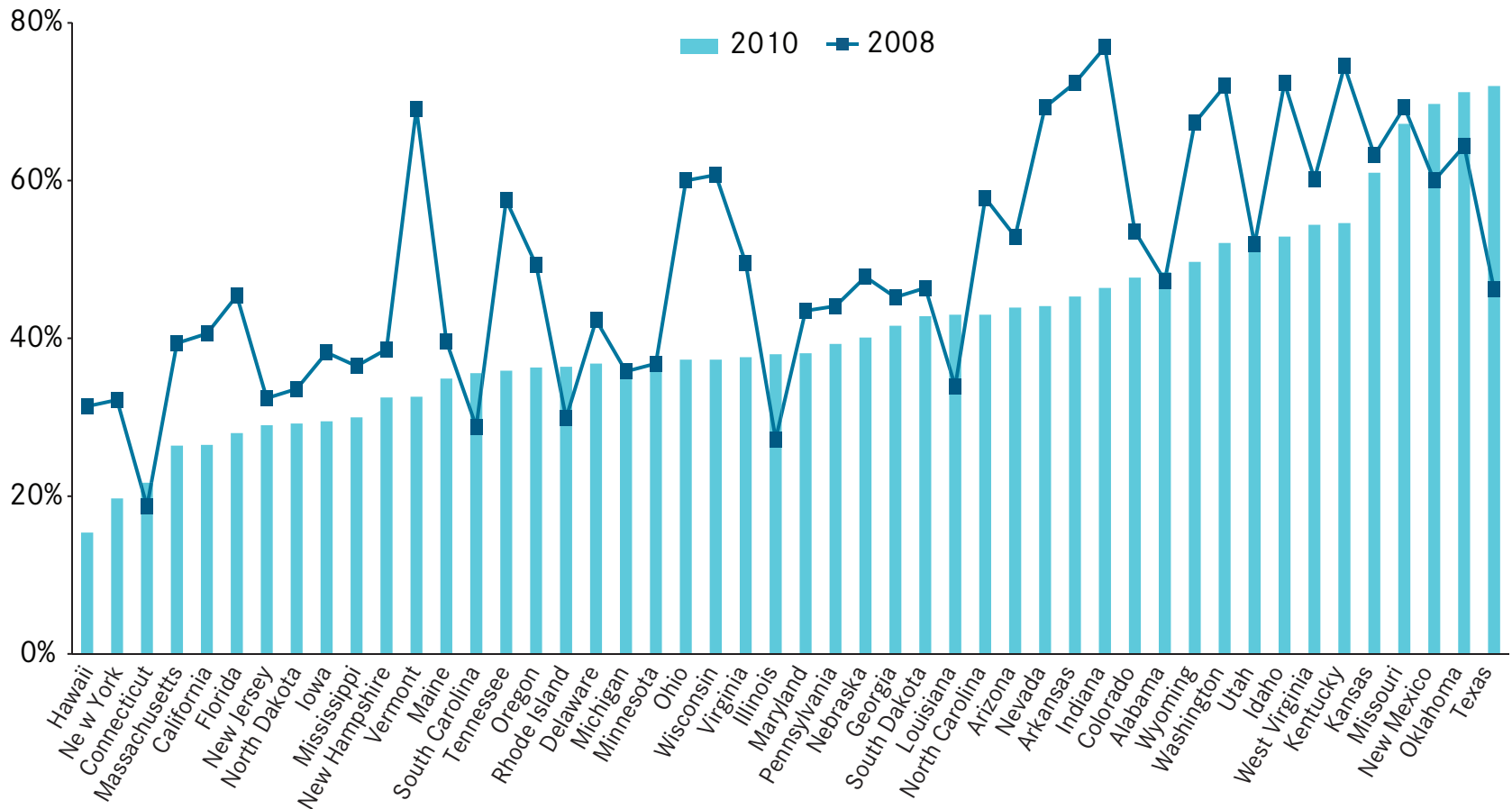
State Ranking on Quality of Life and Quality of Care Dimension



Source: State Long-Term Services and Supports Scorecard, 2014.

State Performance: Nursing Home Staff Turnover, 2010 Compared to 2008

Ratio of employee terminations that occurred during the year, regardless of cause, to the average number of active employees during the same time period

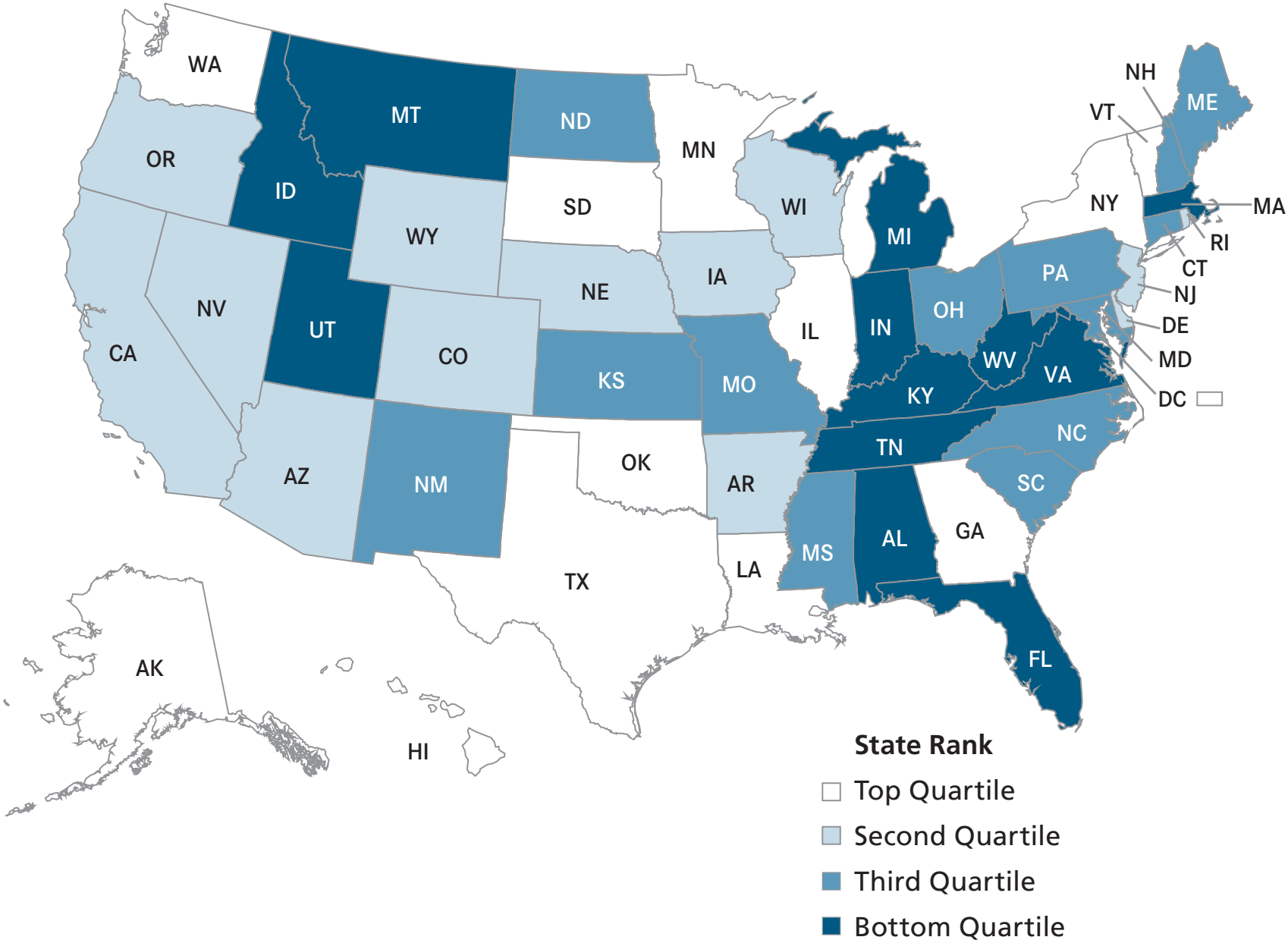


Note: Data not available for Alaska (2008 - 2010) and District of Columbia and Montana (2008), therefore, change in state performance cannot be shown.

Data: American Health Care Association, *Report of Findings: 2010 Nursing Facility Staffing Survey*; American Health Care Association, *Report of Findings: 2008 Nursing Facility Staff Vacancy, Retention and Turnover Survey*.

Source: State Long-Term Services and Supports Scorecard, 2014.

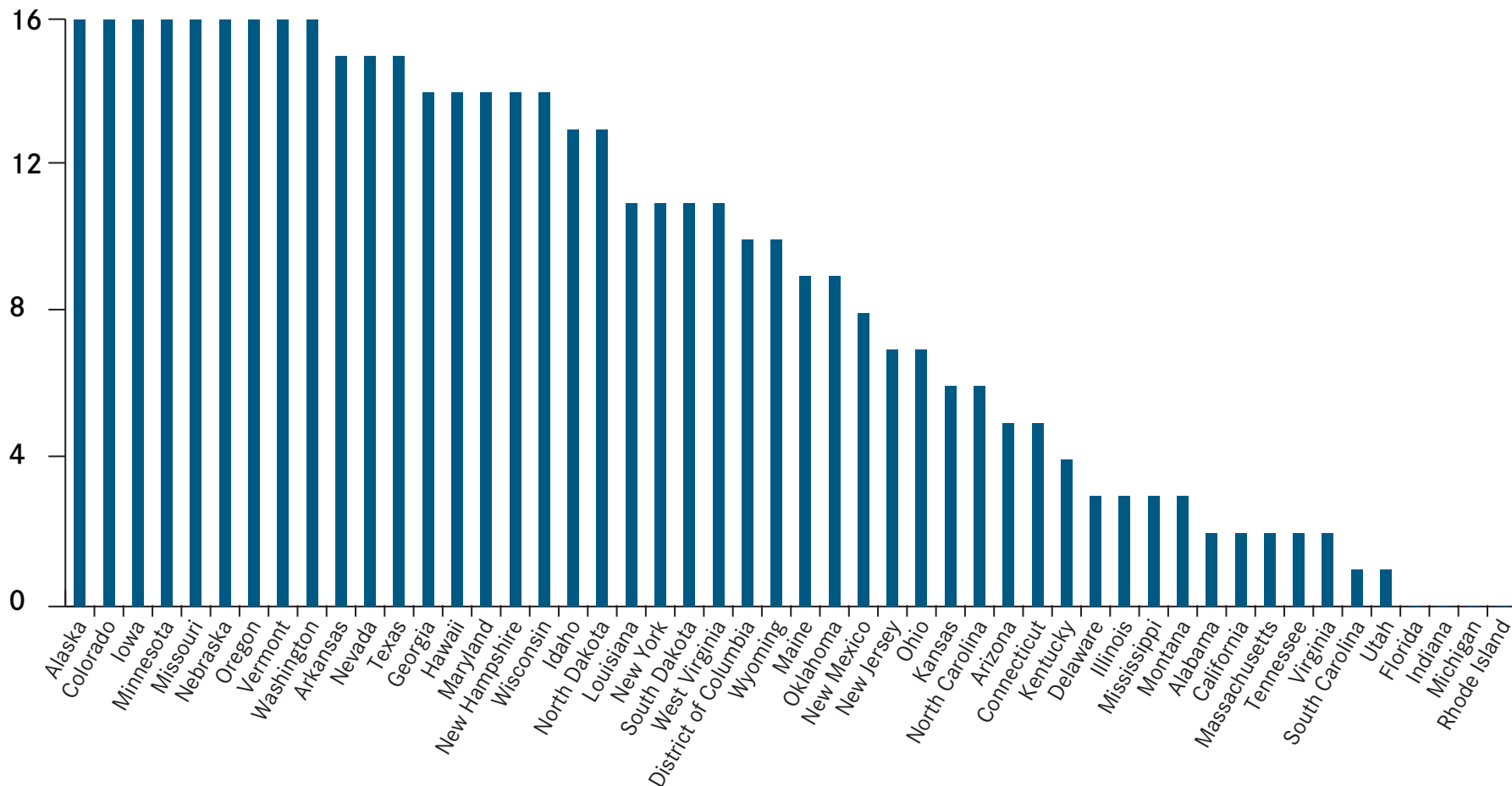
State Ranking on Support for Family Caregivers Dimension



Source: State Long-Term Services and Supports Scorecard, 2014.

State Policies on Delegation of 16 Health Maintenance Tasks

Number of tasks allowed to be delegated

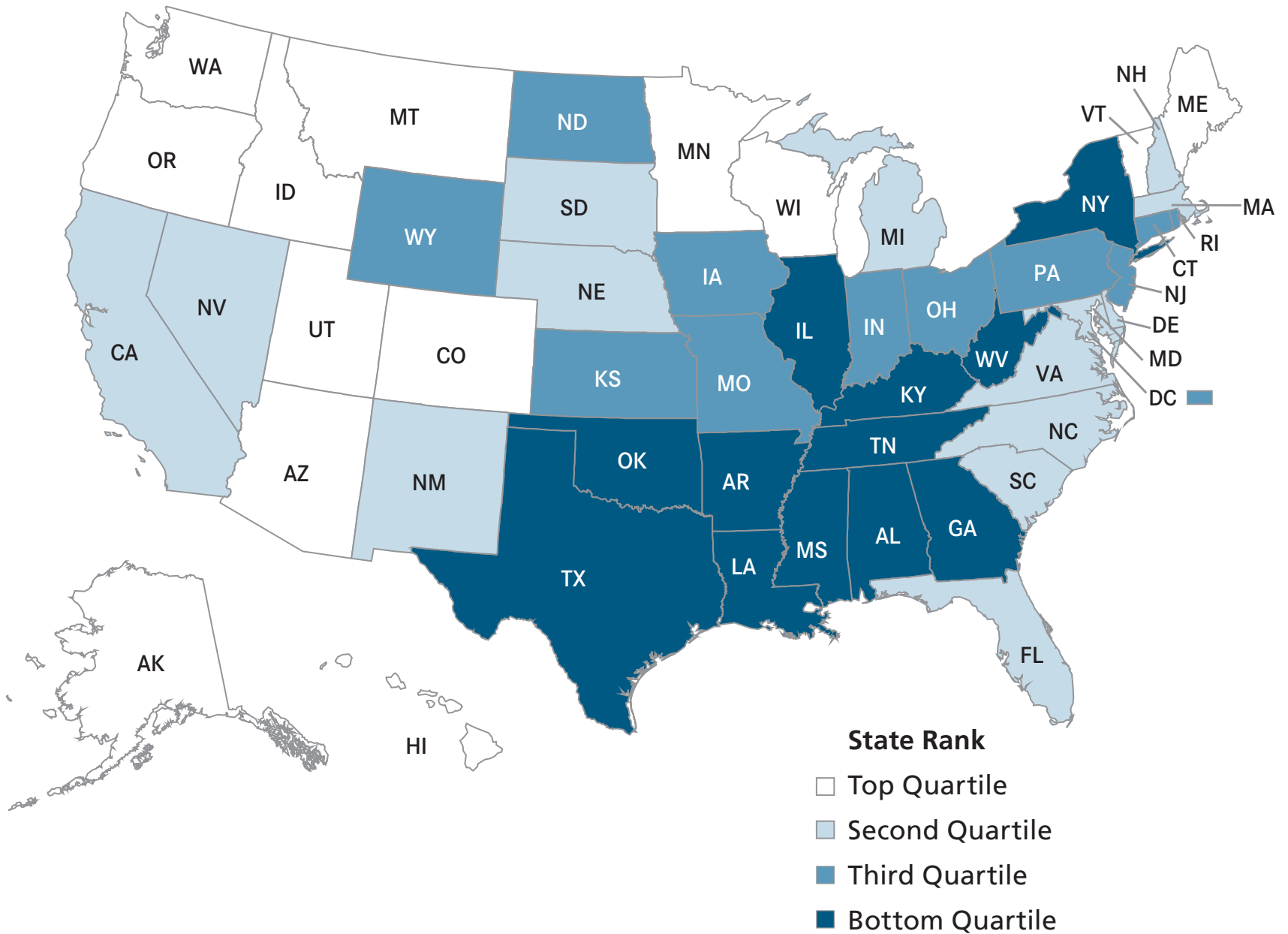


Note: Data not available for Pennsylvania. No tasks are allowed to be delegated in Florida, Indiana, Michigan, and Rhode Island.

Data: AARP Public Policy Institute, Survey on Nurse Delegation in Home Settings, 2013.

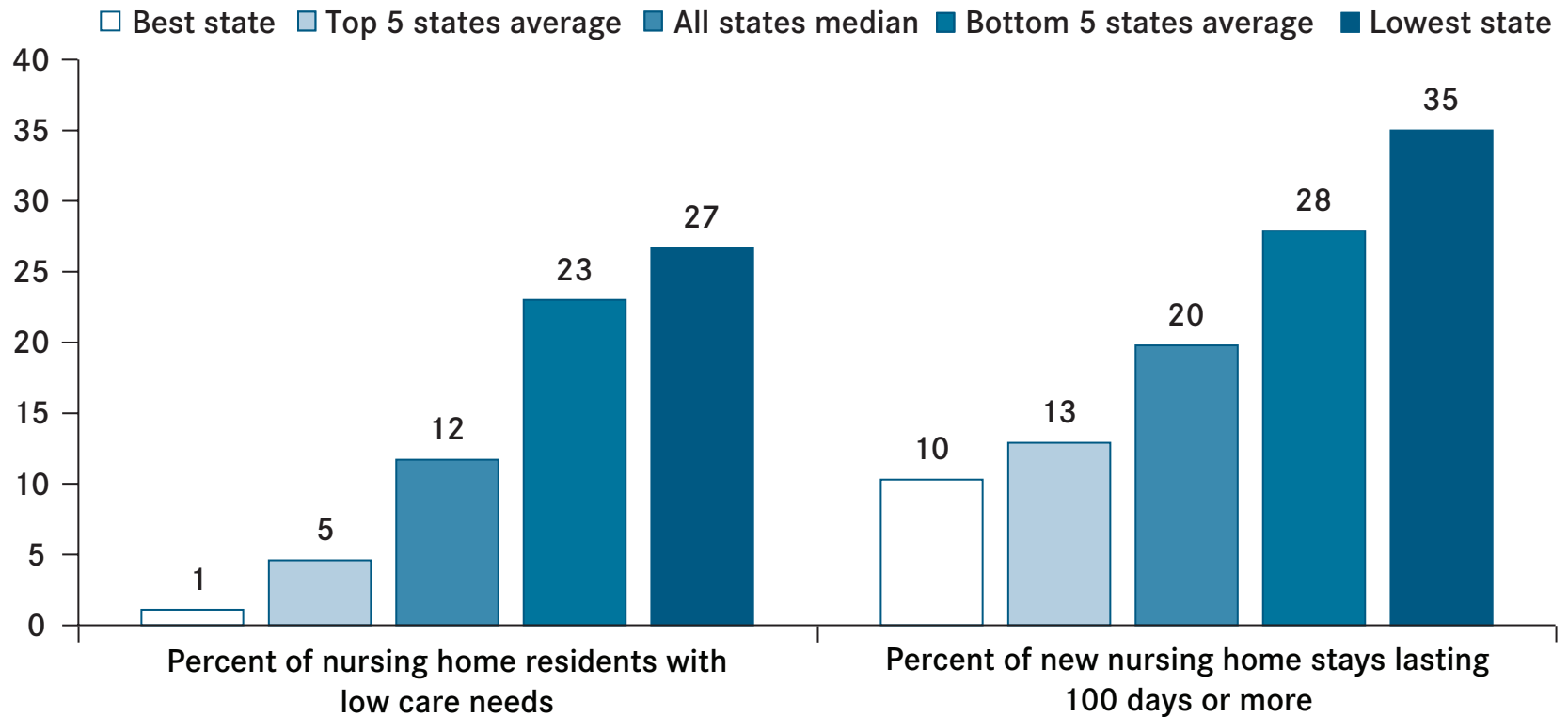
Source: State Long-Term Services and Supports Scorecard, 2014.

State Ranking on Effective Transitions Dimension



State Variation: Effective Transitions

Percent



Top 5 states

- 1 Maine
- 2 Hawaii
- 3 Utah
- 4 South Carolina
- 5 Pennsylvania

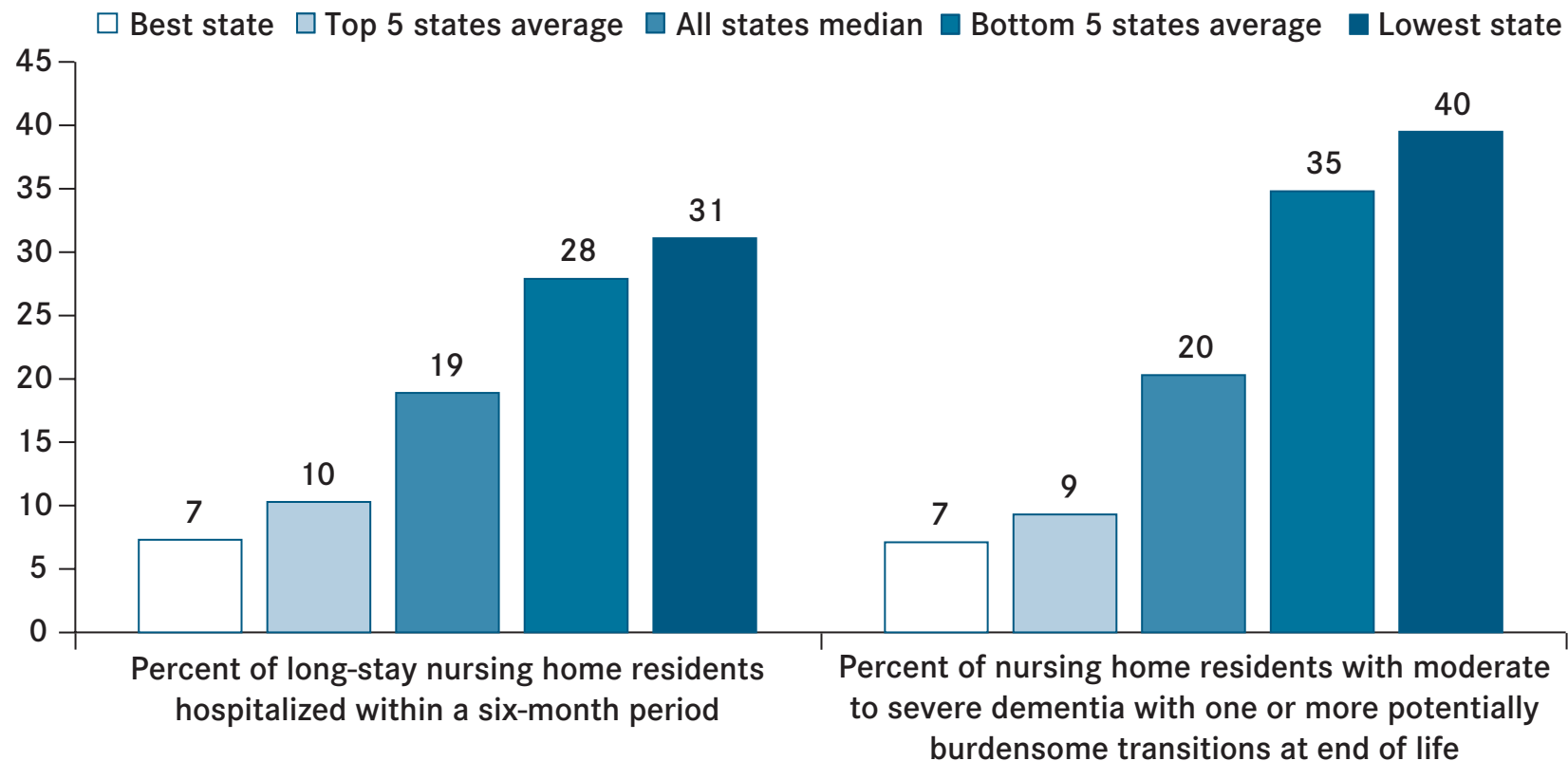
- 1 Oregon
- 2 Arizona
- 3 Utah
- 4 Maine
- 5 Minnesota

Data: Analysis of 2010 MDS data by V. Mor and J. Teno at Brown University; Analysis of 2009 Chronic Conditions Warehouse Timeline file by Mathematica Policy Research.

Source: State Long-Term Services and Supports Scorecard, 2014.

State Variation: Nursing Home Transitions

Percent

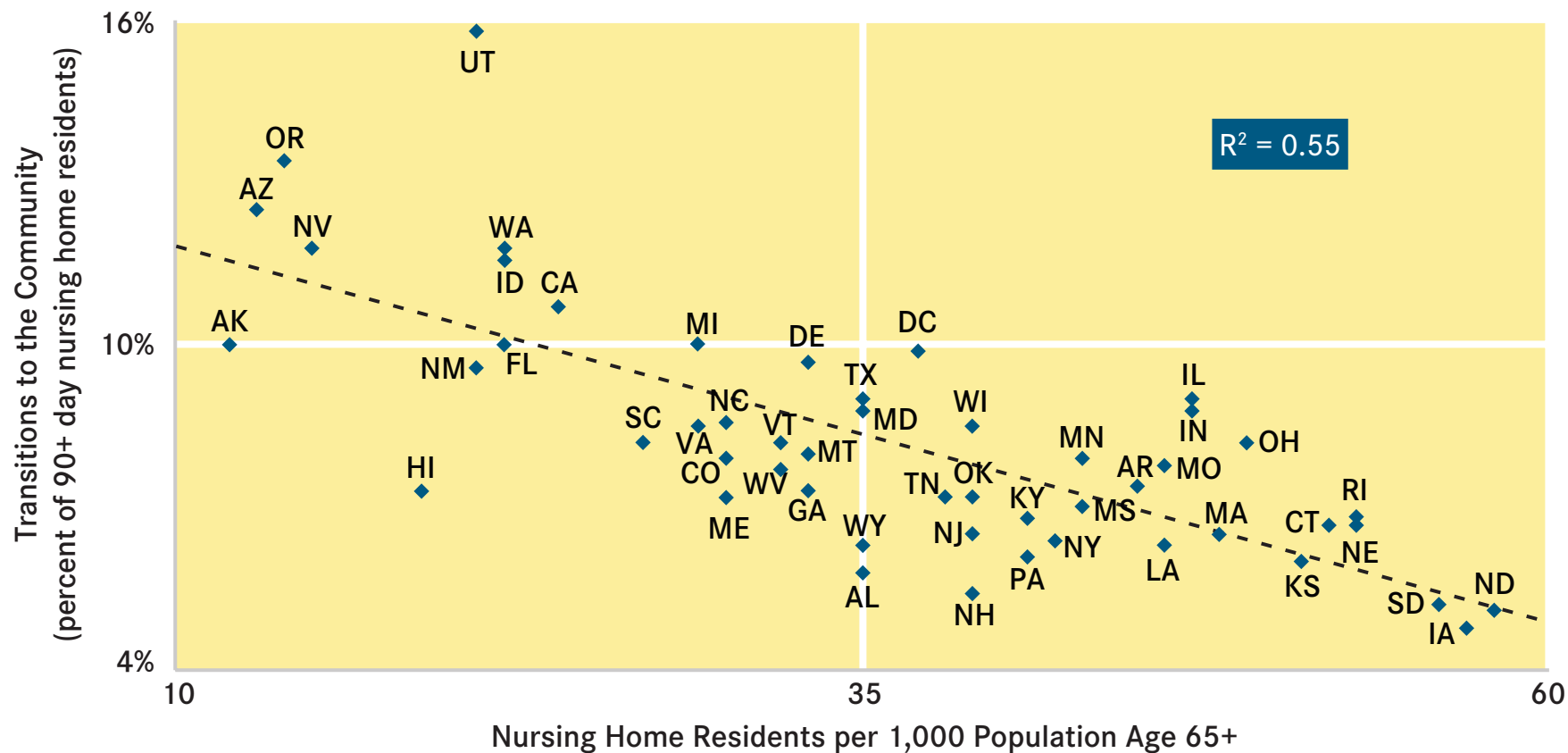


Top 5 states

- 1 Minnesota
- 2 Oregon
- 3 Arizona
- 3 Rhode Island
- 3 Utah

- 1 Wyoming
- 2 Alaska
- 3 Idaho
- 4 Montana
- 5 Vermont

Nursing Home Utilization and Transitions Back to the Community



Data: Transitions to the Community: 2009 Chronic Conditions Warehouse Timeline File; Nursing Home Utilization: 2010 *Across the States*, 2012.
Source: State Long-Term Services and Supports Scorecard, 2014.

National Cumulative Impact if All States Achieved Top State Rates

| Indicator | | If all states improved their performance to the level of the best-performing state for this indicator: |
|----------------------------------|-----------|---|
| Home Health Aide Supply | 1,501,919 | more personal care, home care, and home health aides would be available to provide LTSS in the community. |
| Low-Income PWD with Medicaid | 1,378,228 | more low or moderate-income (<250% poverty) adults age 21+ with ADL disabilities would be covered by Medicaid. |
| Medicaid LTSS Balance: New Users | 200,323 | more people would first receive services in home and community settings, instead of a nursing home. |
| Nursing Home Low Care Needs | 157,101 | nursing home residents with low care needs would instead be served in home and community settings. |
| Transitions Back to Community | 105,919 | more people with 90+ day nursing home stays would be able to leave a nursing home for a more home-like setting. |
| Long Nursing Home Stays | 77,817 | more people entering nursing homes would be able to return to the community within 100 days. |

Notes: PWD = People with Disabilities.

Source: State Long-Term Services and Supports Scorecard, 2014.