



National Study of Long-Term Care Providers (NSLTCP)

National Study of Long-Term Care Providers: 2012 National and State Results on Five Major Provider Types

National Home and Community Based Services Conference
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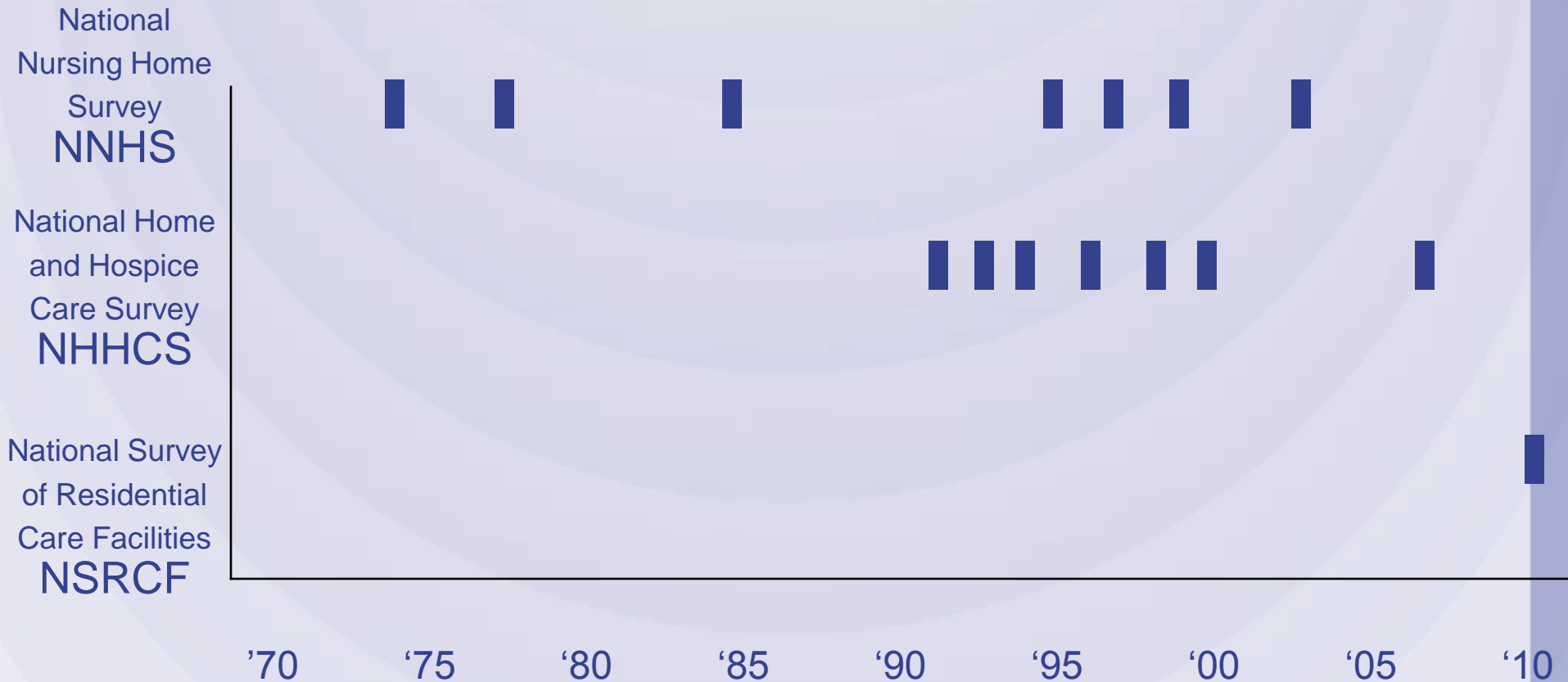
NCHS Long-Term Care Statistics Program

- **National Health Care Surveys' Mission**
 - To collect, analyze, and disseminate data on...
 - use, access, quality, and cost of health care provided in the United States and
 - health care organizations and professionals who deliver that care
- **Long-term care services providers surveyed**
 - National Nursing Home Survey (NNHS)
 - National Nursing Assistant Survey (NNAS) supplement
 - National Home and Hospice Care Survey (NHHCS)
 - National Home Health Aide Survey (NHHAS) supplement
 - National Survey of Residential Care Facilities (NSRCF)
 - National Study of Long-Term Care Providers (NSLTCP)



NCHS LTC Provider Surveys: 1973 – 2010

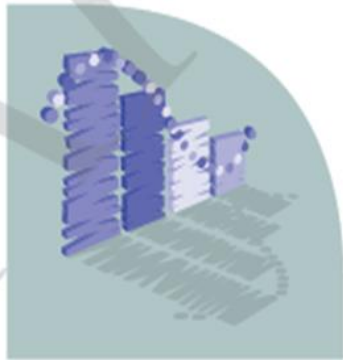
Separate periodic surveys of different LTC providers



National Study of
Long-Term Care Providers

National Study of Long-Term Care Providers

National Health Care Surveys



Goals

1. Estimate supply and use of paid, regulated long-term care services.
2. Estimate key policy-relevant characteristics and practices.
3. Produce national and state-level estimates, where possible.
4. Compare among sectors.
5. Examine trends over time.



Provider Sectors and Data Sources

PROVIDER SECTORS

Hospices

Nursing
Homes

Home
Health Care
Agencies

Residential
Care
Communities

Adult Day
Services
Centers

DATA SOURCES

Administrative records

Survey questionnaire



Administrative Data Sources (1)

Reference period is 3rd quarter 2012

- Nursing homes, home health agencies, hospices
 - CMS' Certification and Survey Provider Enhanced Reporting (CASPER, formerly known as Online Survey Certification and Reporting) data files
- Nursing home residents
 - Minimum Data Set Active Resident Episode Table (MARET) data
 - CASPER-nursing home file



Administrative Data Sources (2)

Reference period is calendar year 2011

- Home health patients
 - Outcome-Based Quality Improvement (OBQI) Case Mix Roll Up data (also known as Agency Patient-Related Characteristics Report data) from the Outcome and Assessment Information Set (OASIS)
 - Institutional Provider and Beneficiary Summary (IPBS)-Home health data
- Hospice patients
 - IPBS-Hospice data file



Survey Data Collection (2012-First Wave)

- Fielded September 2012 – February 2013
- Adult day services centers—Census (5,254)
- Residential care communities—Census in some states and sample in others (11,690)
- Weighted response rates
 - Adult Day Services Centers: 67%
 - Residential Care Communities: 55%
- Target respondents: Directors



Residential Care Community Definition

- 4 or more beds;
- primarily an adult population;
- at least 1 resident at time of interview;
- licensed, registered, listed, certified, or otherwise
 - regulated by the state to...
 - provide room and board with at least 2 meals a day;
 - provide around-the-clock on-site supervision; and
 - offer help with personal care OR health care-related services.
- Exclusions: Nursing homes and providers exclusively serving adults with severe mental illness or ID/DD.



Core Topics—Providers

Bolded topics are available for all sectors

- Basic operating characteristics—**Ownership**, chain status, **capacity, number served, Medicaid participation**, part of a CCRC, years in operation, dementia special care unit
- Services offered and how—Dental, **hospice, social work**, case management, medication management, **mental health, therapeutic, pharmacy**, podiatry, **skilled nursing**, transportation
- Staffing—**Nursing, social workers**, activities staff
- Practices—Depression screening, disease management programming, EHR, person-centered practices



Core Topics—Users (Aggregate distributions)

Bolded topics are available on all sectors

- Demographics—**Age, Race, Ethnicity, Sex**, Medicaid use
- Selected medical conditions—**Alzheimer’s disease or other dementias**, developmental disability, severe mental illness, **depression**
- Physical and Cognitive Functioning—**Need any ADL assistance** (transferring, **eating, dressing, bathing, toileting**, locomotion), wheelchair/scooter use
- Health care use—Overnight hospitalizations, re-hospitalizations, ED use
- Other characteristics—Move-ins, move-outs and where went, left because of cost



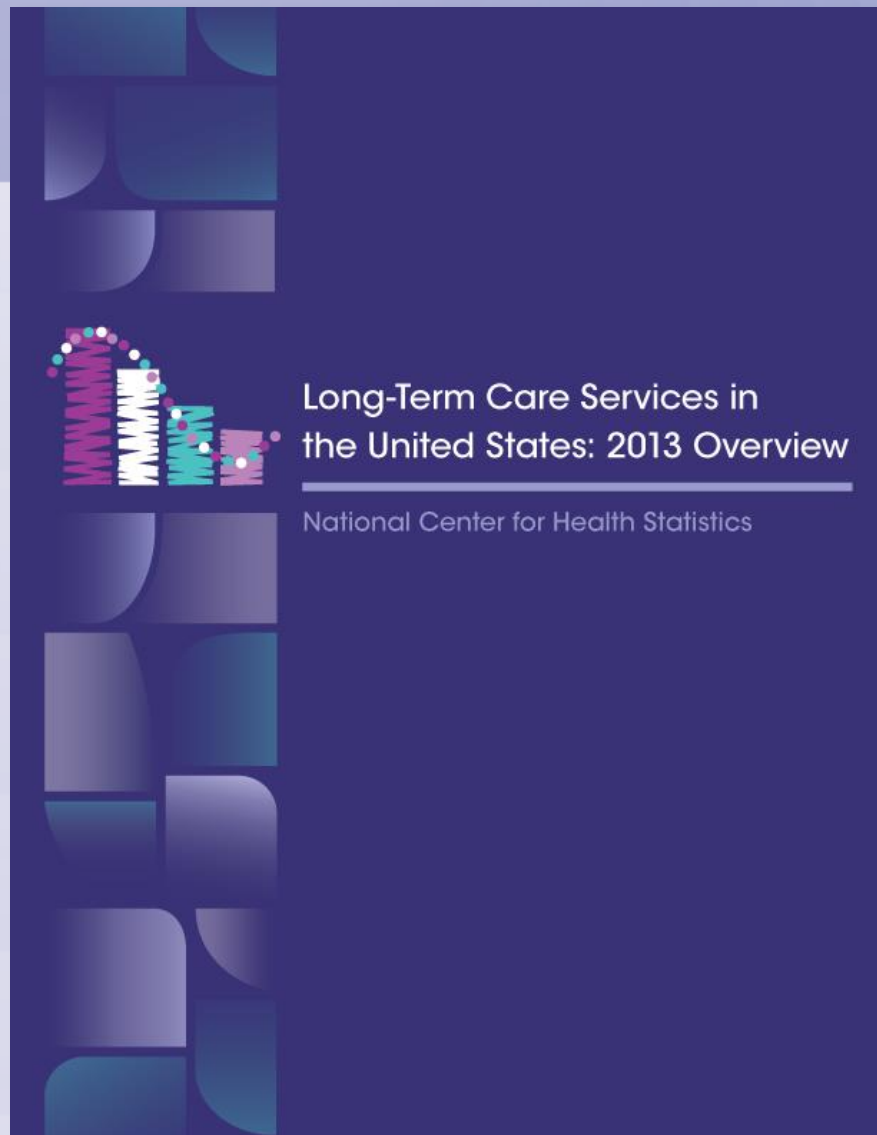
2012 Wave Products

2013

- Survey restricted data for adult day services centers and residential care communities available through NCHS Research Data Center—October 30
- First overview report—December 12

2014

- State web tables to complement overview report
- Adult day-specific and residential care-specific data briefs with links to state estimates



Link to 2013 Overview Report

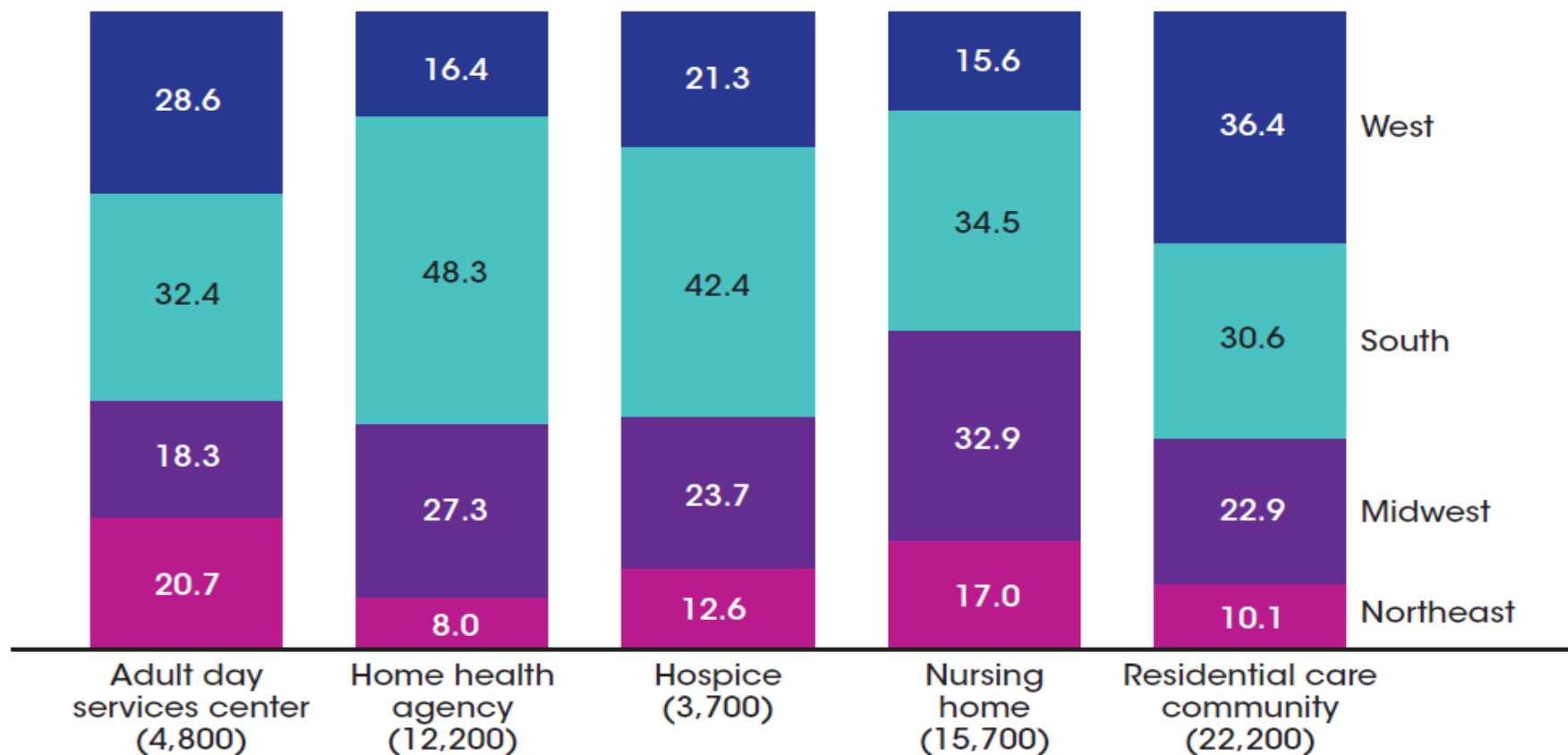
[http://www.cdc.gov/nchs/data/nsltcp/
long_term_care_services_2013.pdf](http://www.cdc.gov/nchs/data/nsltcp/long_term_care_services_2013.pdf)



Selected National Findings from the report:
***Long-Term Care Services in
the United States: 2013 Overview***

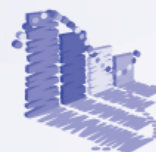


Percent distribution of long-term care providers, by provider type and region: United States, 2012



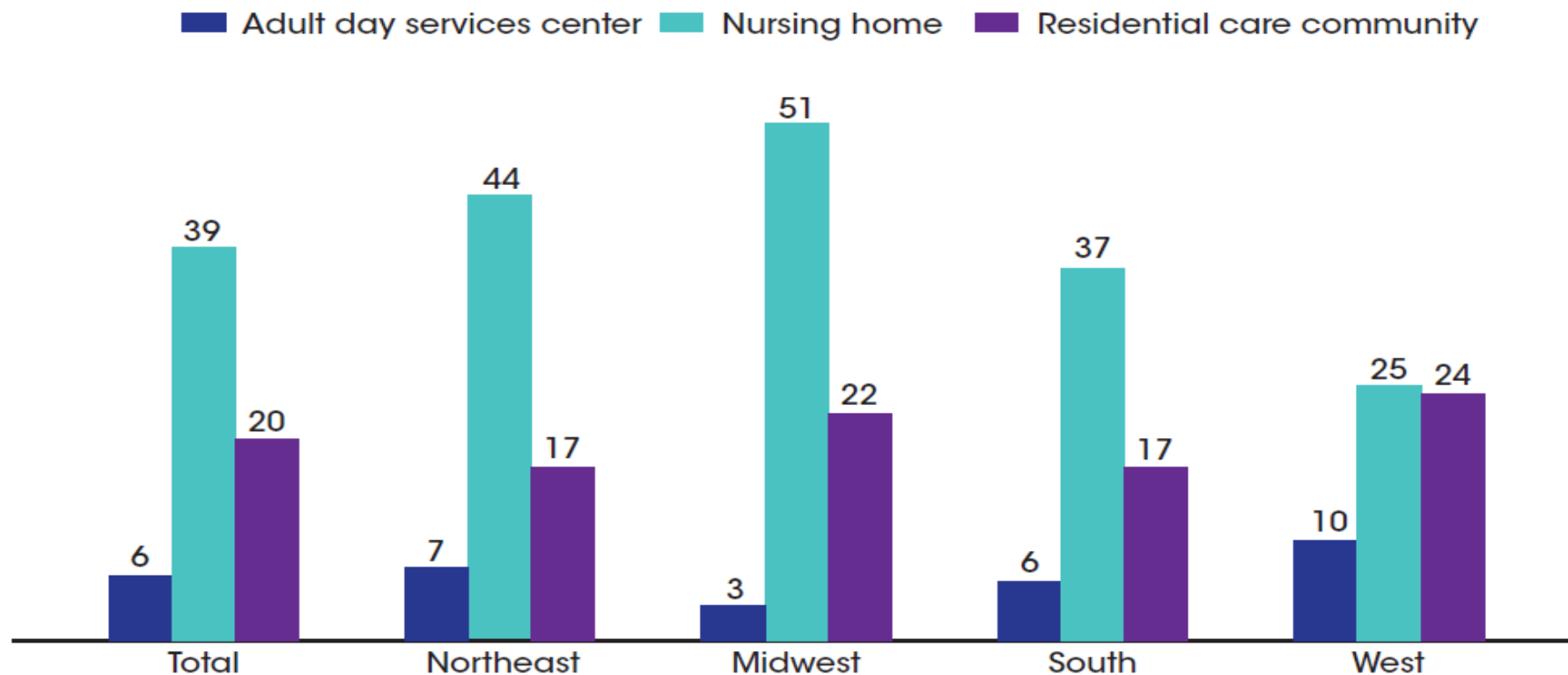
NOTE: Percentages are based on the unrounded numbers.

SOURCES: CDC/NCHS, National Study of Long-Term Care Providers and Table 1 in Appendix B.



National Study of
Long-Term Care Providers

Capacity of long-term care services providers, by provider type and region: United States, 2012

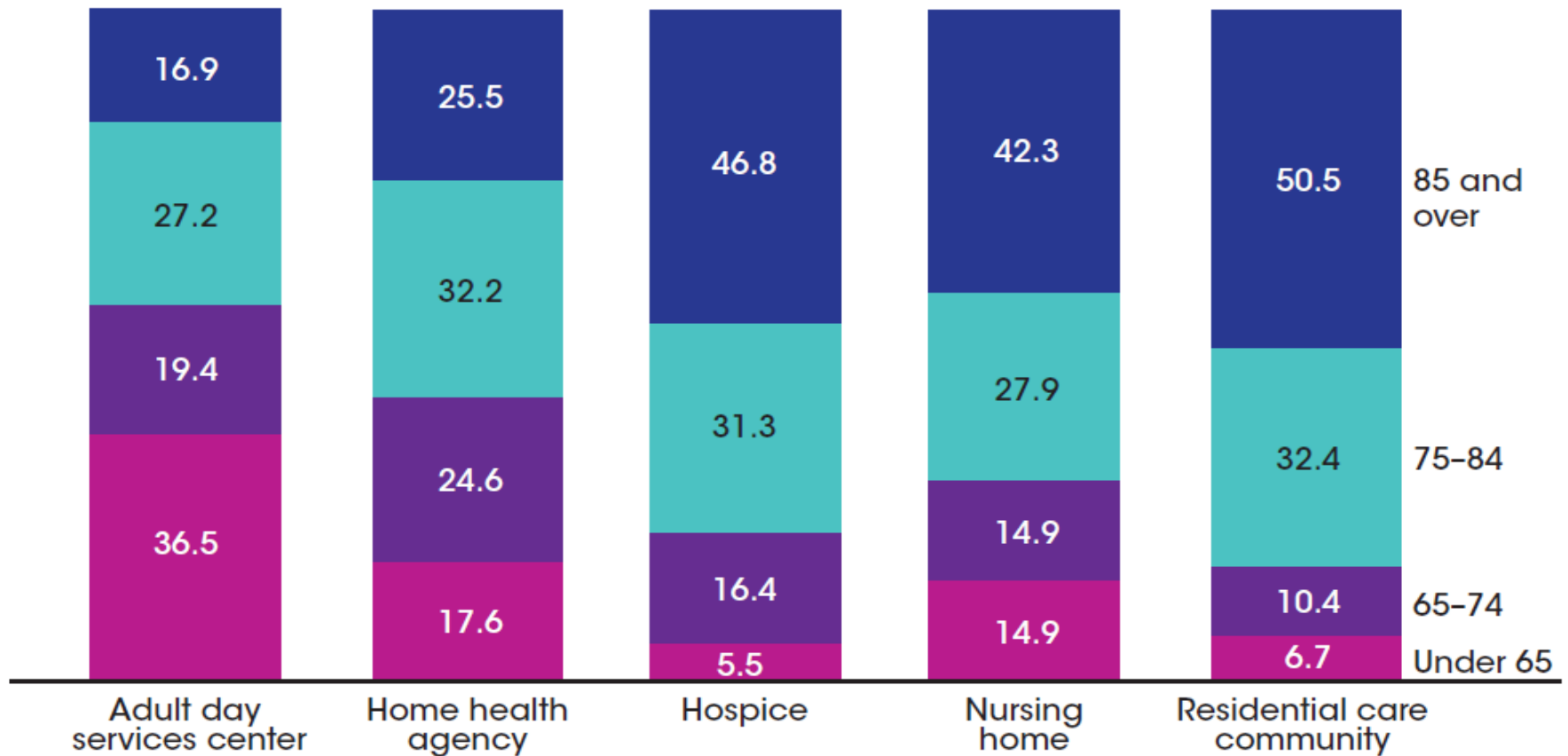


NOTES: Capacity refers to the number of certified nursing home beds, the number of licensed residential care community beds, and the maximum number of adult day services center participants allowed. Capacity of providers is per 1,000 persons aged 65 and over. See Appendix A for definitions of capacity for each provider type.

SOURCE: CDC/NCHS, National Study of Long-Term Care Providers.



Percent distribution of users of long-term care services, by provider type and age group: United States, 2011 and 2012

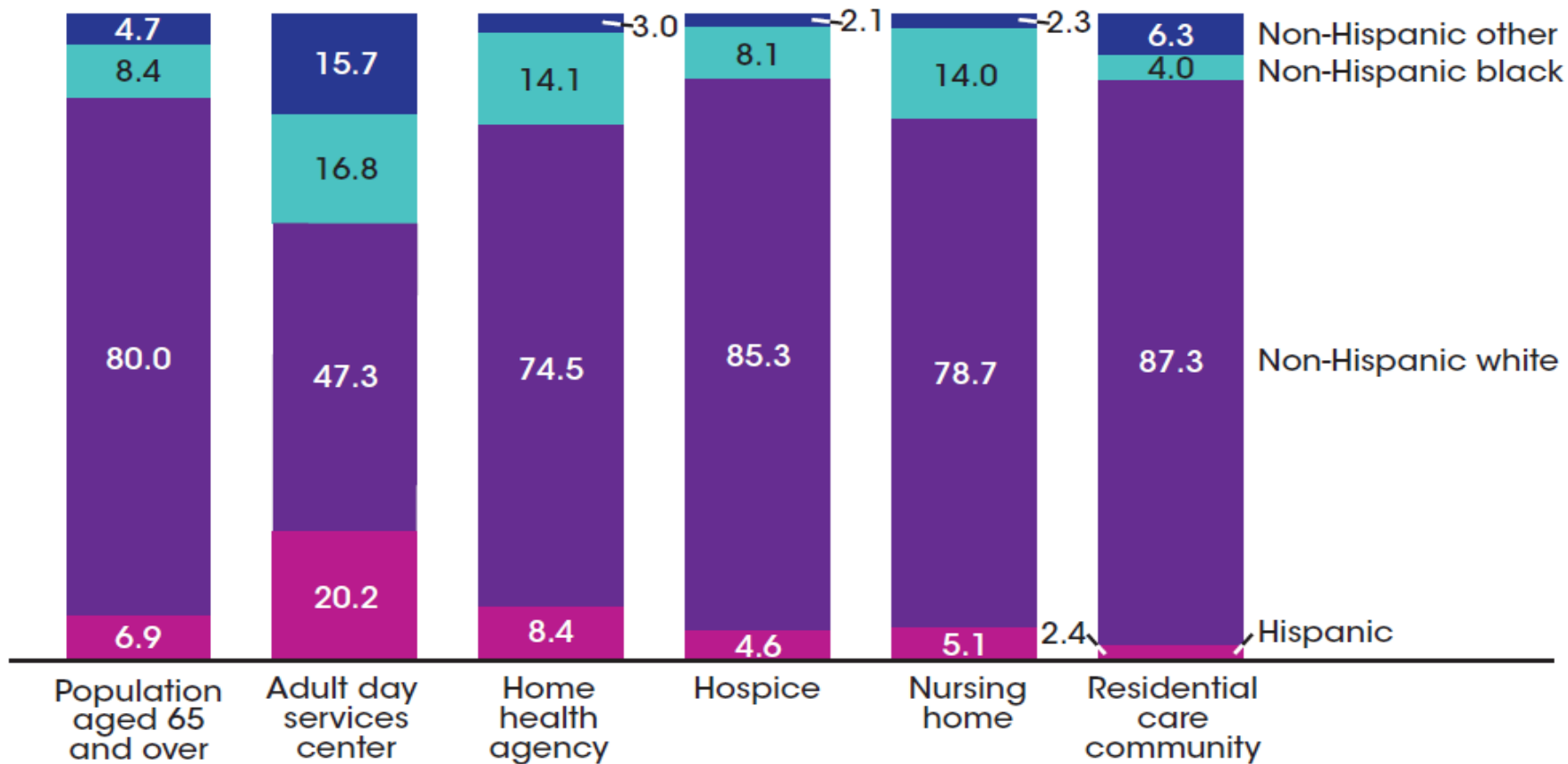


SOURCE: CDC/NCHS, National Study of Long-Term Care Providers, 2012



National Study of
Long-Term Care Providers

Percent distribution of users of long-term care services, by provider type and race and Hispanic origin: United States, 2011 and 2012

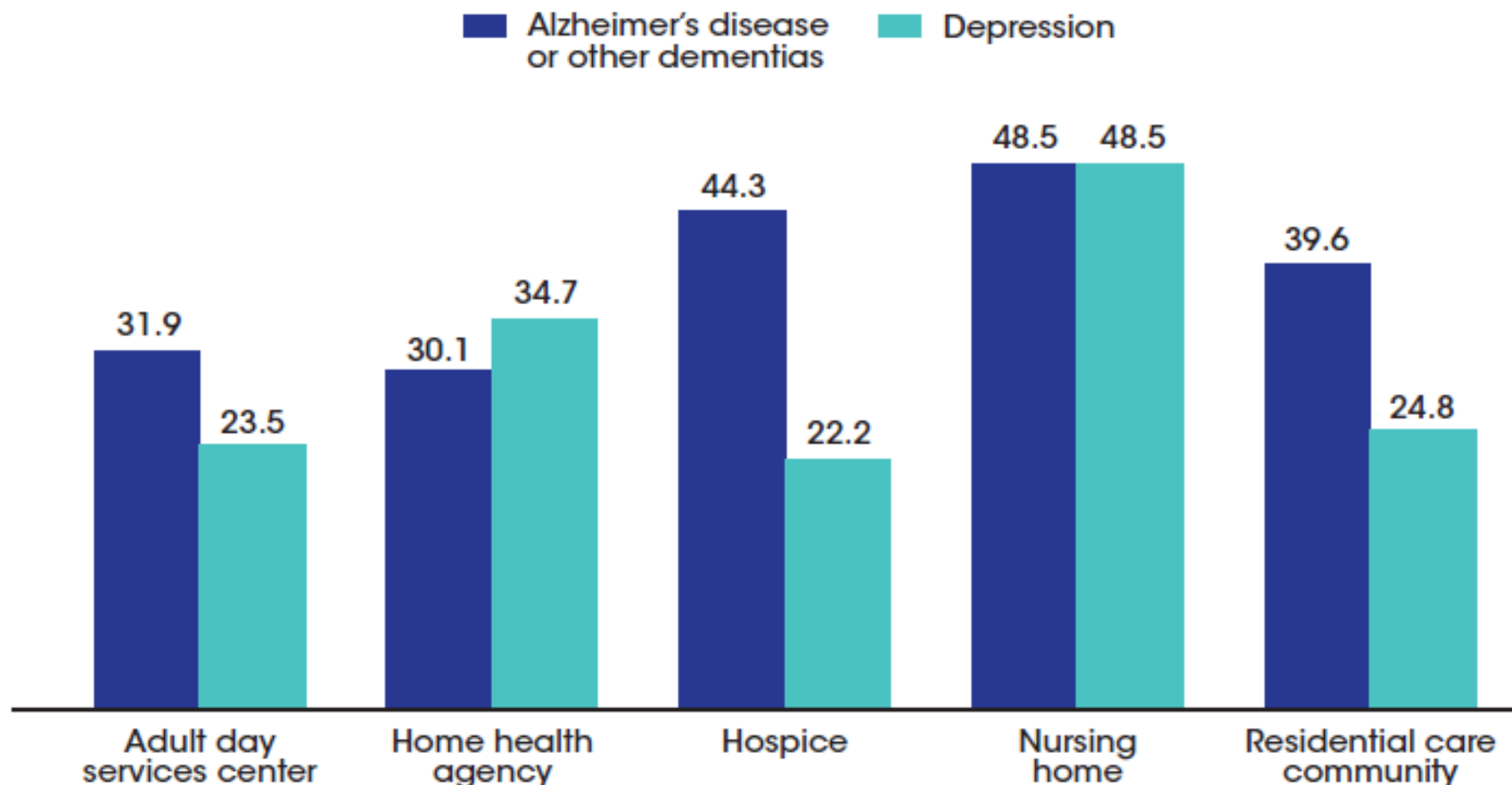


SOURCE: CDC/NCHS, National Study of Long-Term Care Providers, 2012



National Study of Long-Term Care Providers

Percentage of Users of Long-Term Care Services with a Diagnosis of Alzheimer's Disease or Other Dementias and with a Diagnosis of Depression, by Type of Provider: United States, 2011 and 2012



SOURCE: CDC/NCHS, National Study of Long-Term Care Providers, 2012



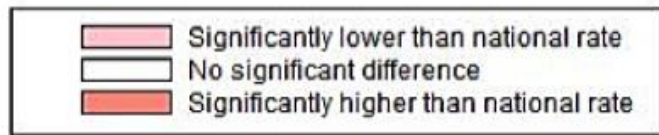
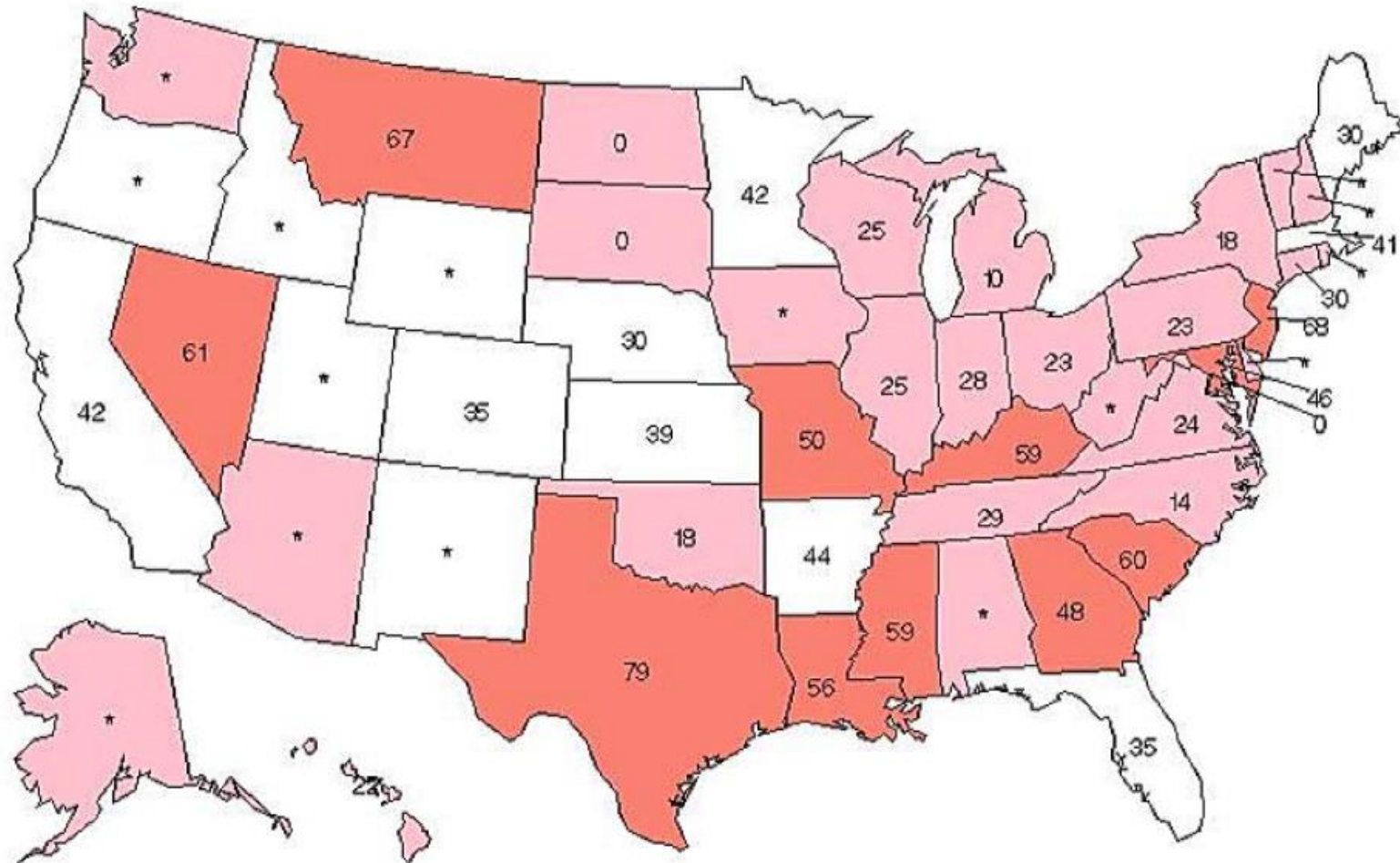
National Study of
Long-Term Care Providers

**Selected State-level Findings
from the *2012 NSLTCP***



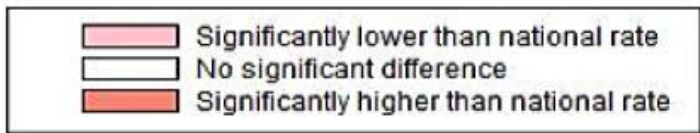
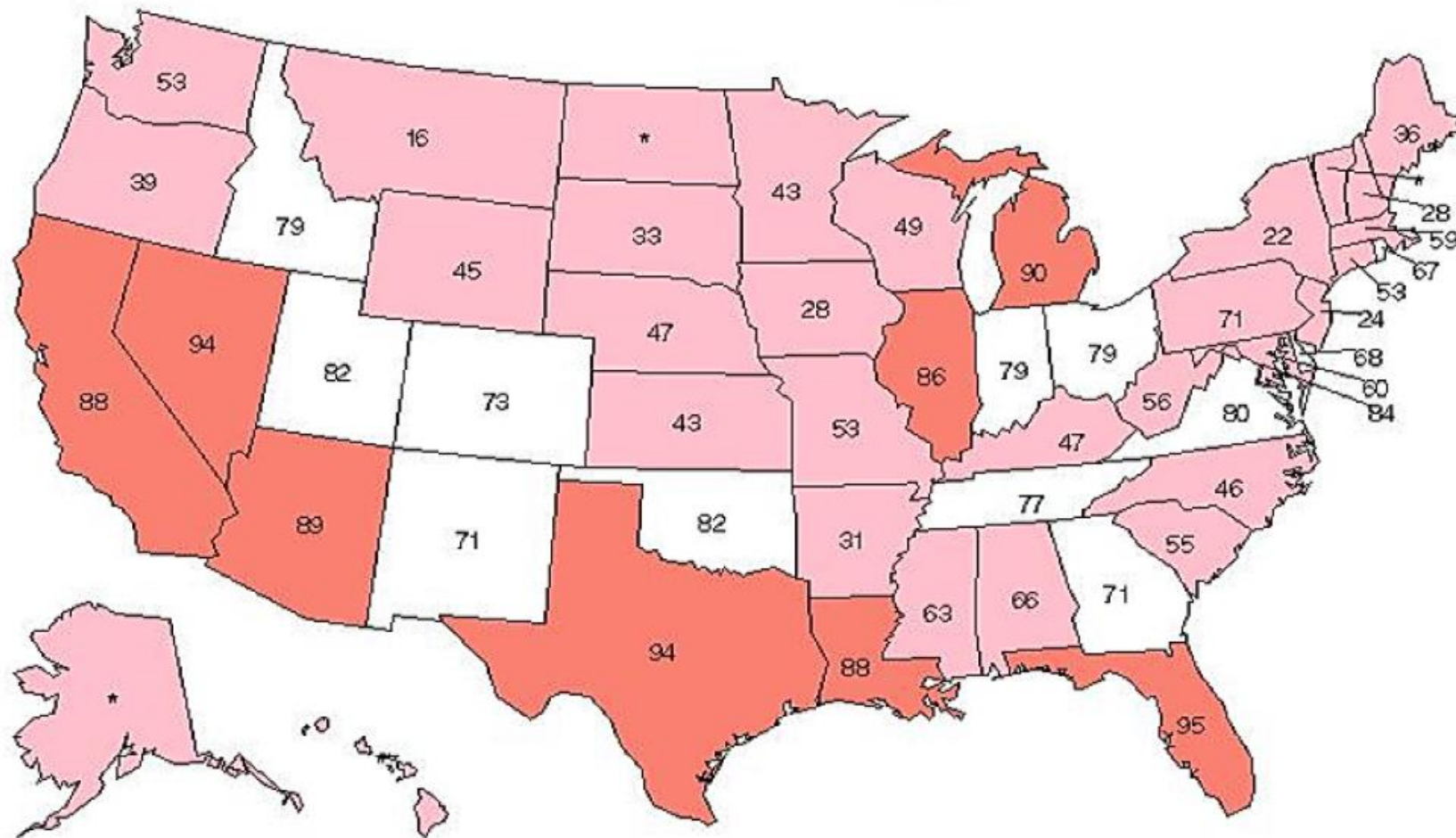
**National Study of
Long-Term Care Providers**

For-profit adult day services centers: United States, 2012



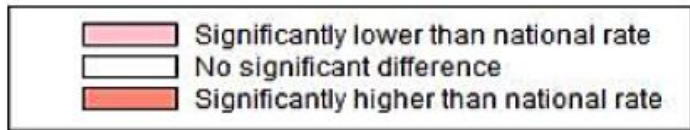
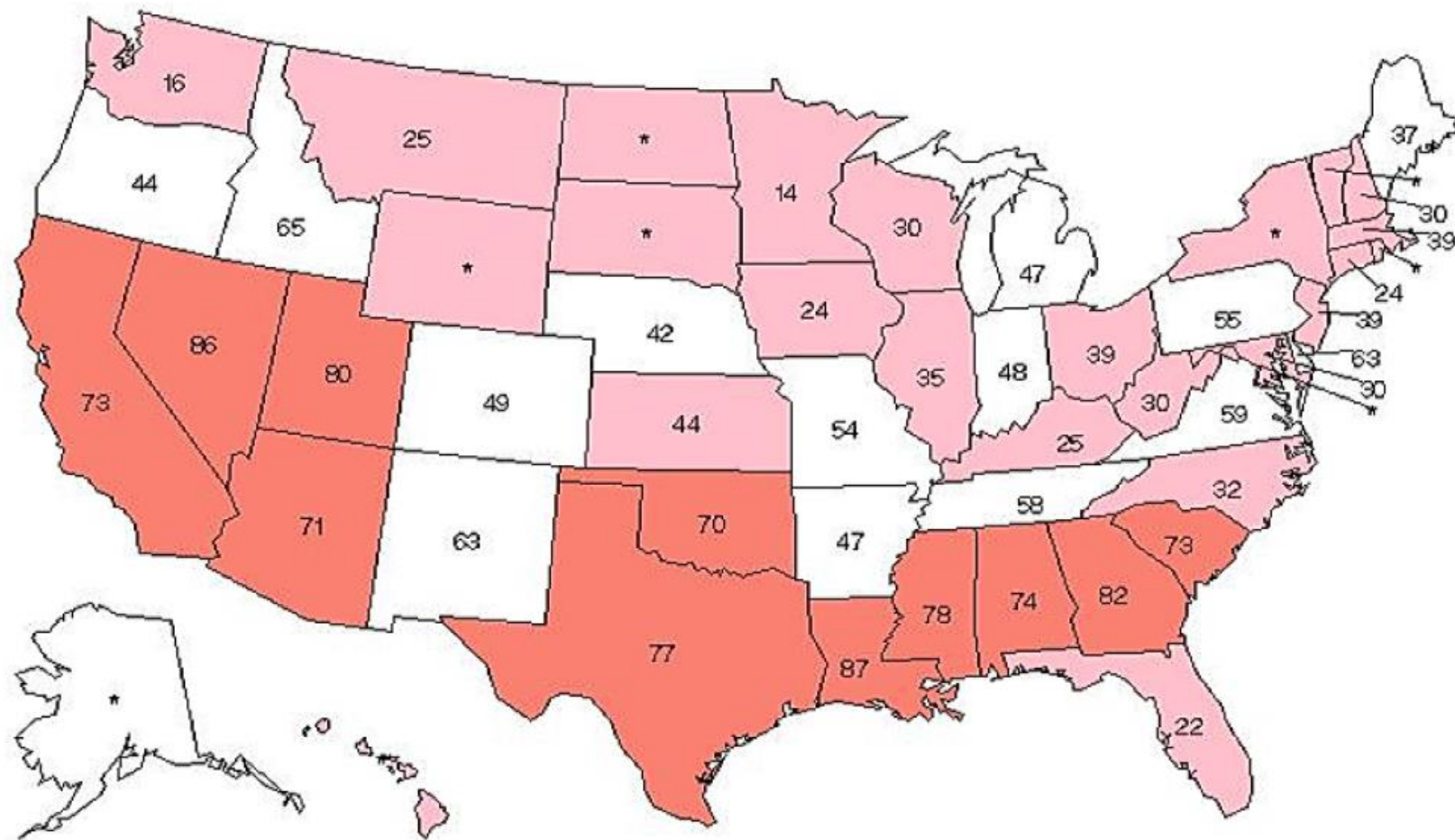
Significance tested at $p < 0.05$.
 Note: The national rate is 40%

For-profit home health agencies: United States, 2012



Significance tested at $p < 0.05$.
Note: The national rate is 79%

For-profit hospices: United States, 2012

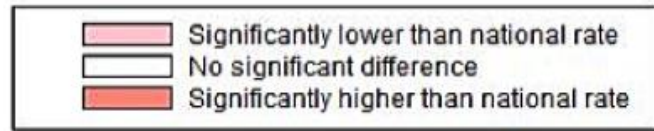
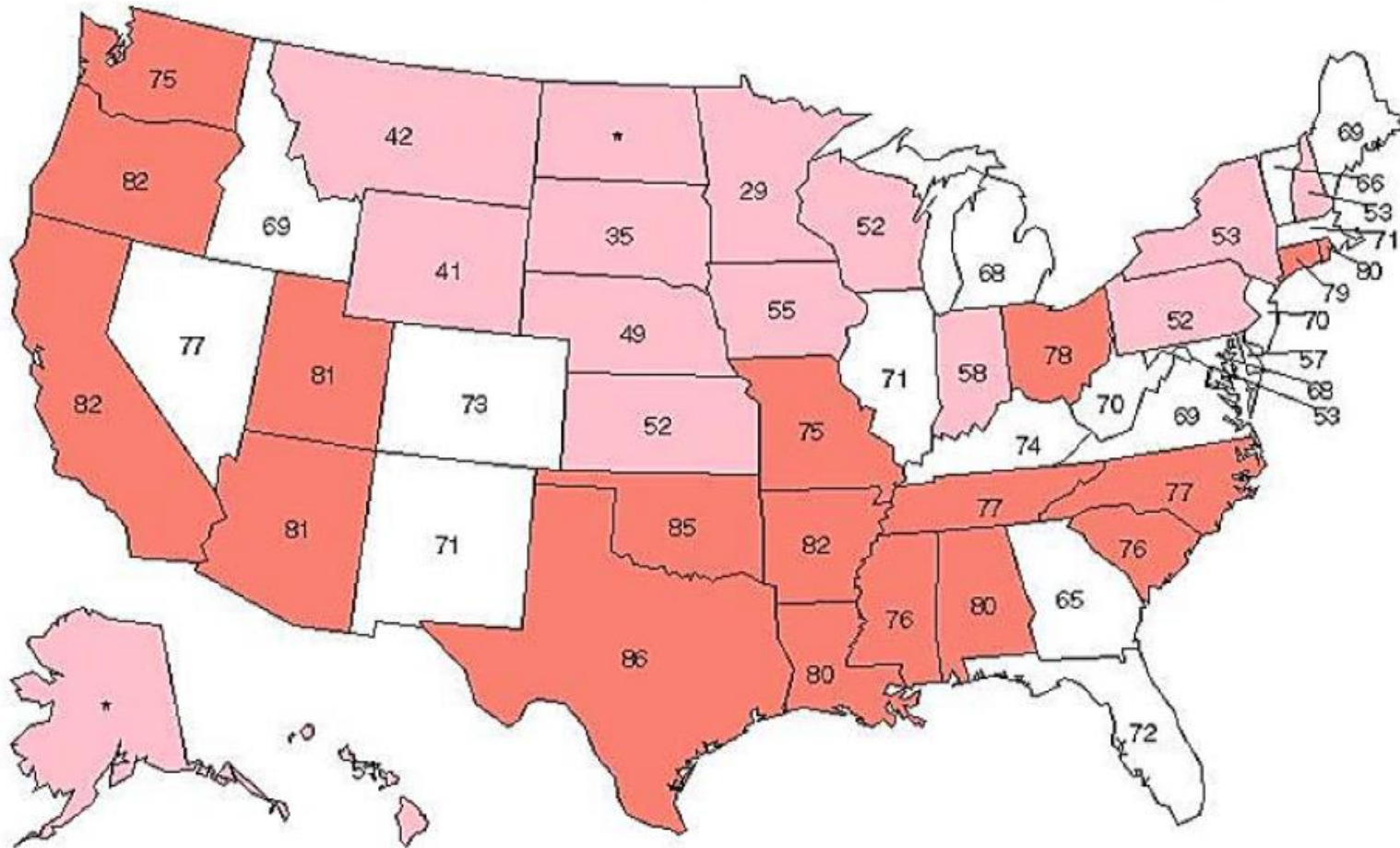


Significance tested at $p < 0.05$.

Note: The national rate is 57%

Source: CDC/NCHS, National Study of Long-Term Care Providers 2012

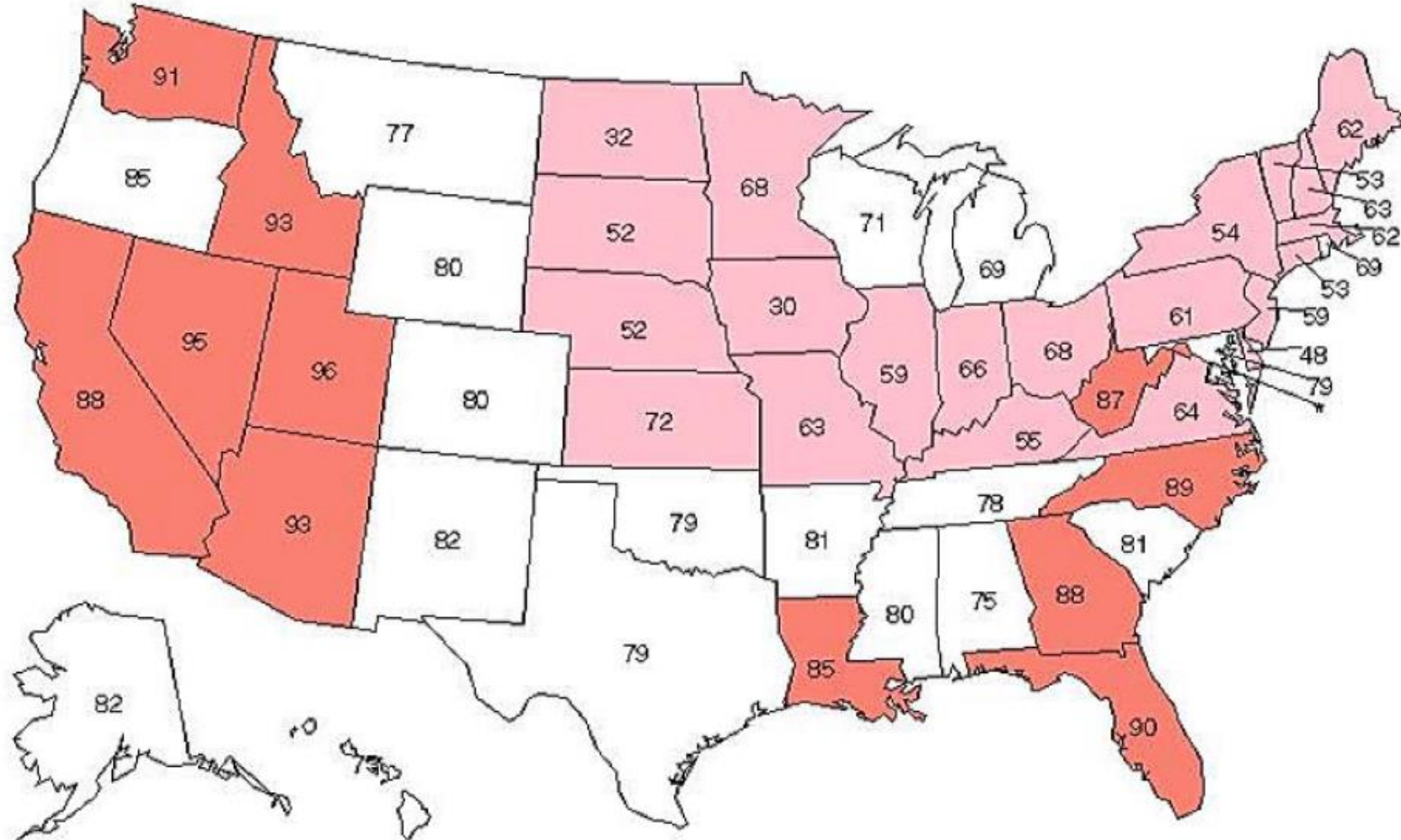
For-profit nursing homes: United States, 2012



Significance tested at $p < 0.05$.
Note: The national rate is 69%

Source: CDC/NCHS, National Study of Long-Term Care Providers 2012

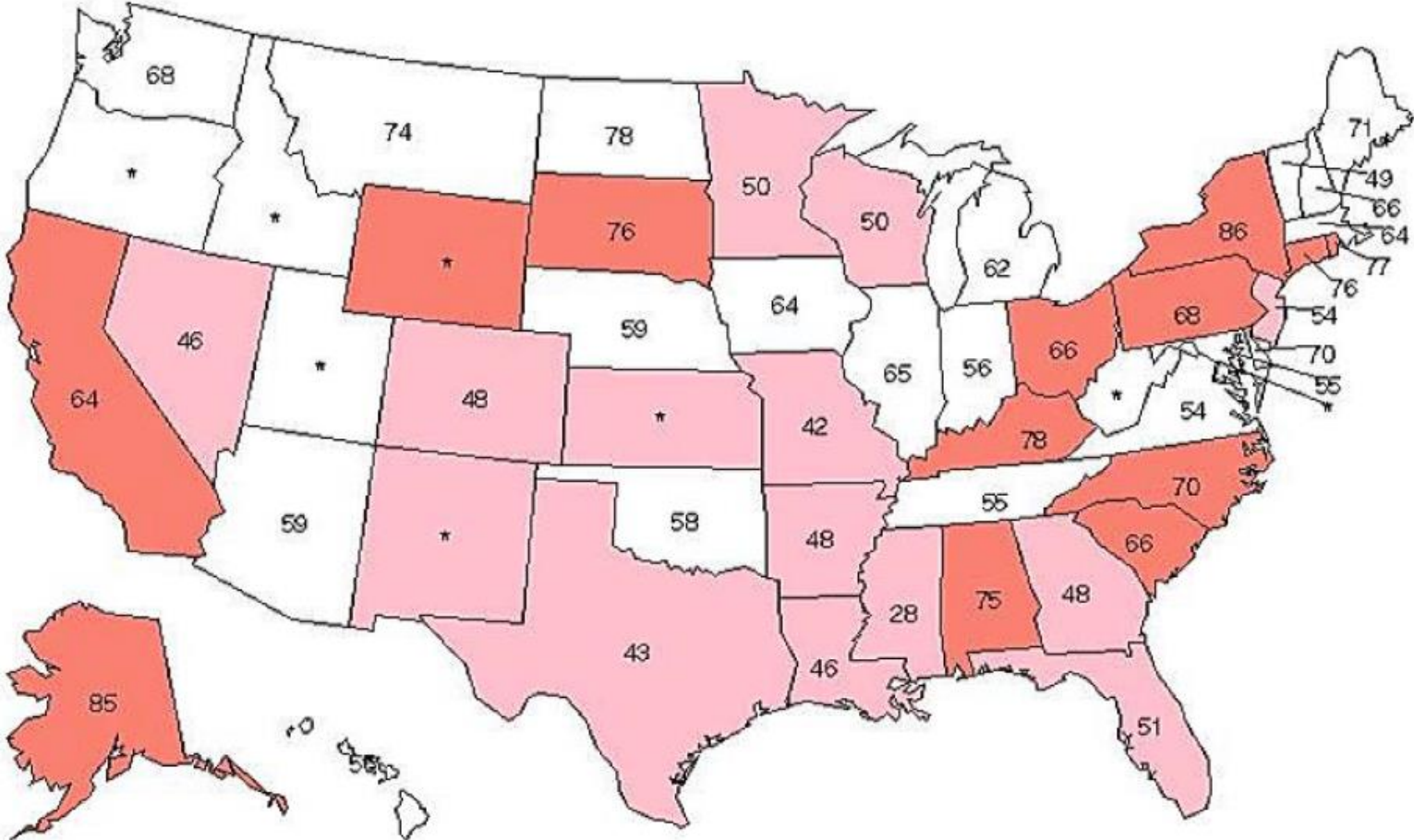
For-profit residential care communities: United States, 2012



Significantly lower than national rate
No significant difference
Significantly higher than national rate

Significance tested at $p < 0.05$.
Note: The national rate is 78%

Adult day services centers in operation for 10 or more years: United States, 2012

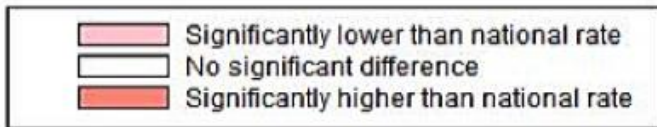
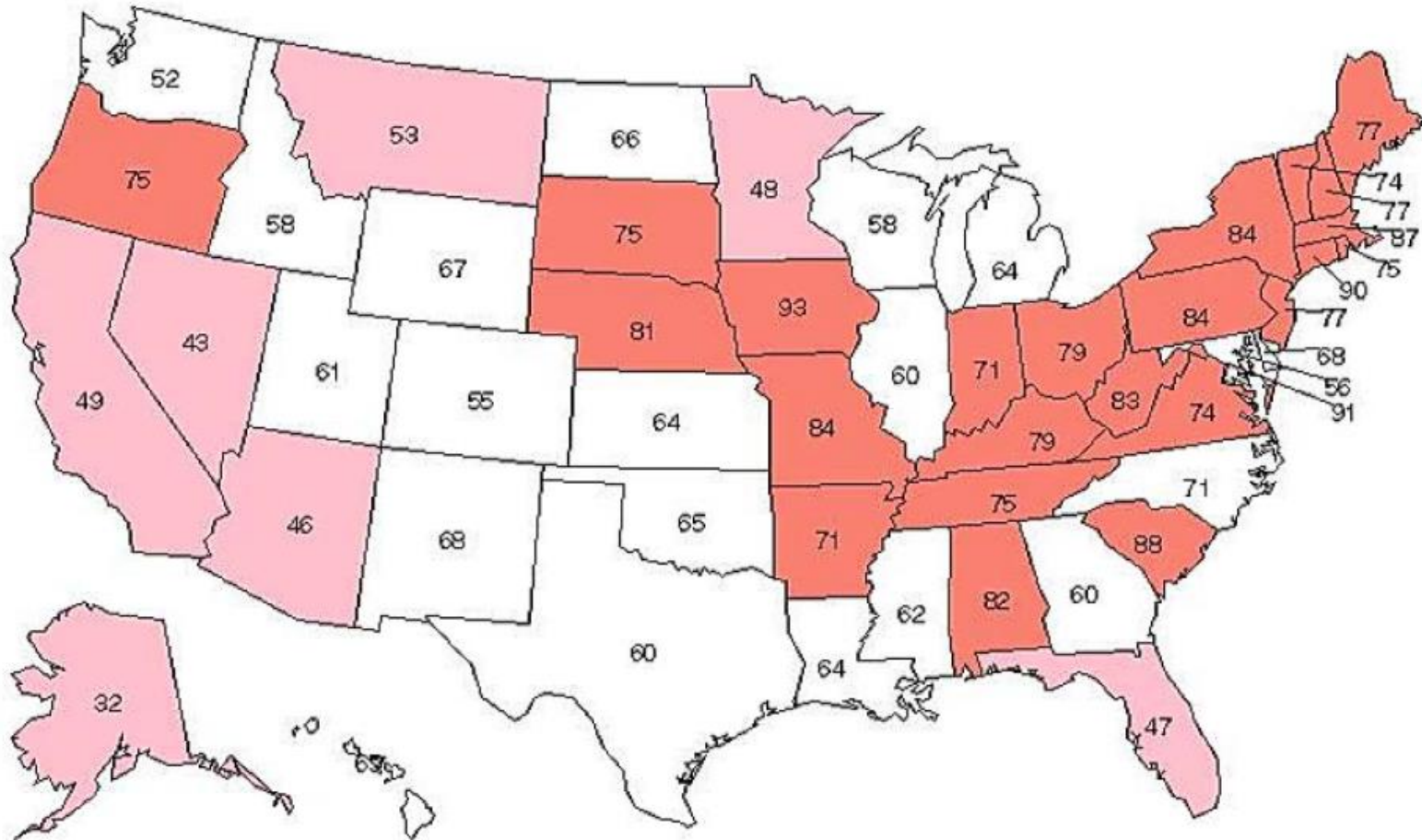


Significantly lower than national rate
 No significant difference
 Significantly higher than national rate

Significance tested at $p < 0.05$.
 Note: The national rate is 60%

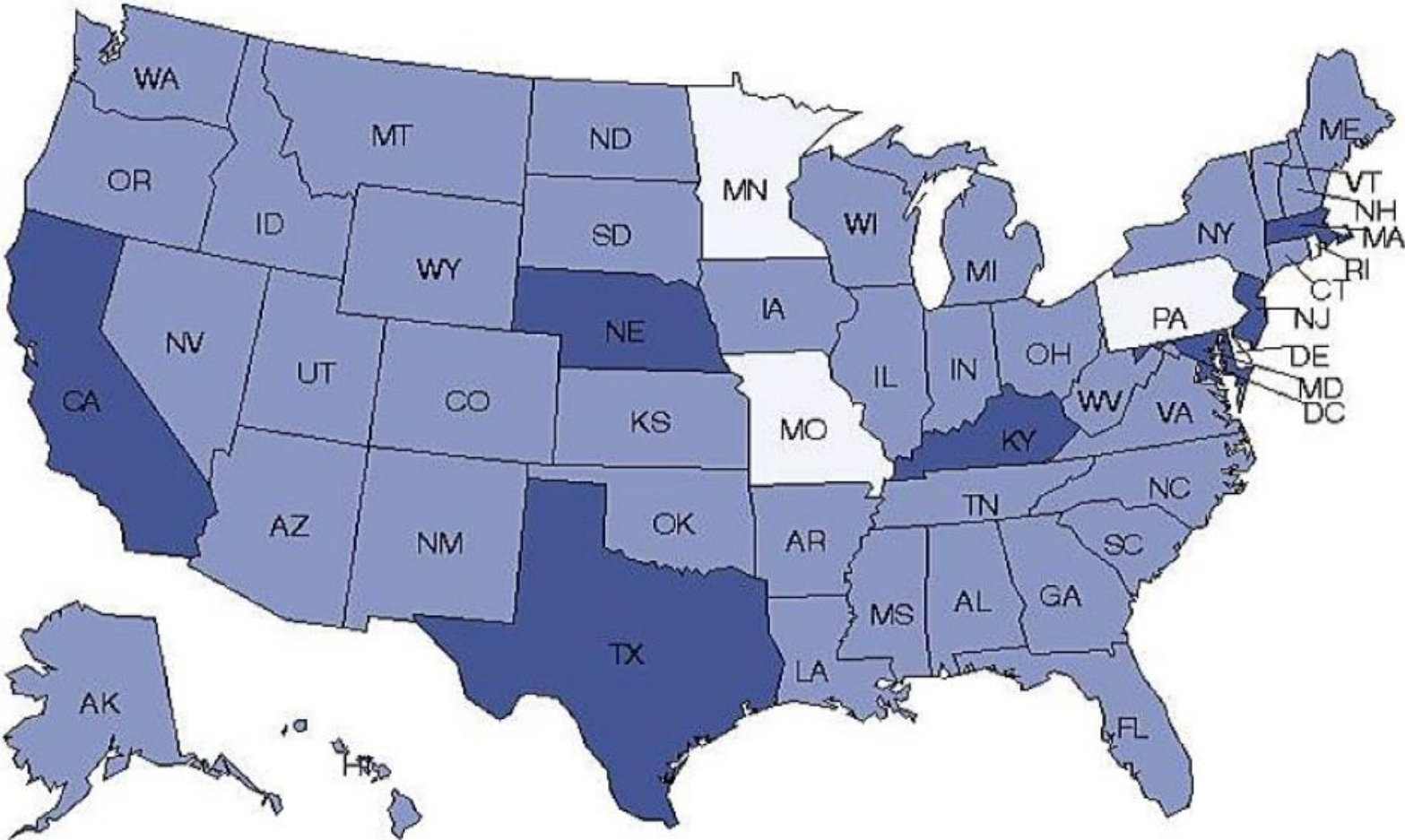
Source: CDC/NCHS, National Study of Long-Term Care Providers 2012

Residential care communities in operation for 10 or more years: United States, 2012



Significance tested at $p < 0.05$.
Note: The national rate is 61%

Adult day services center participants aged 64 and under: United States, 2012

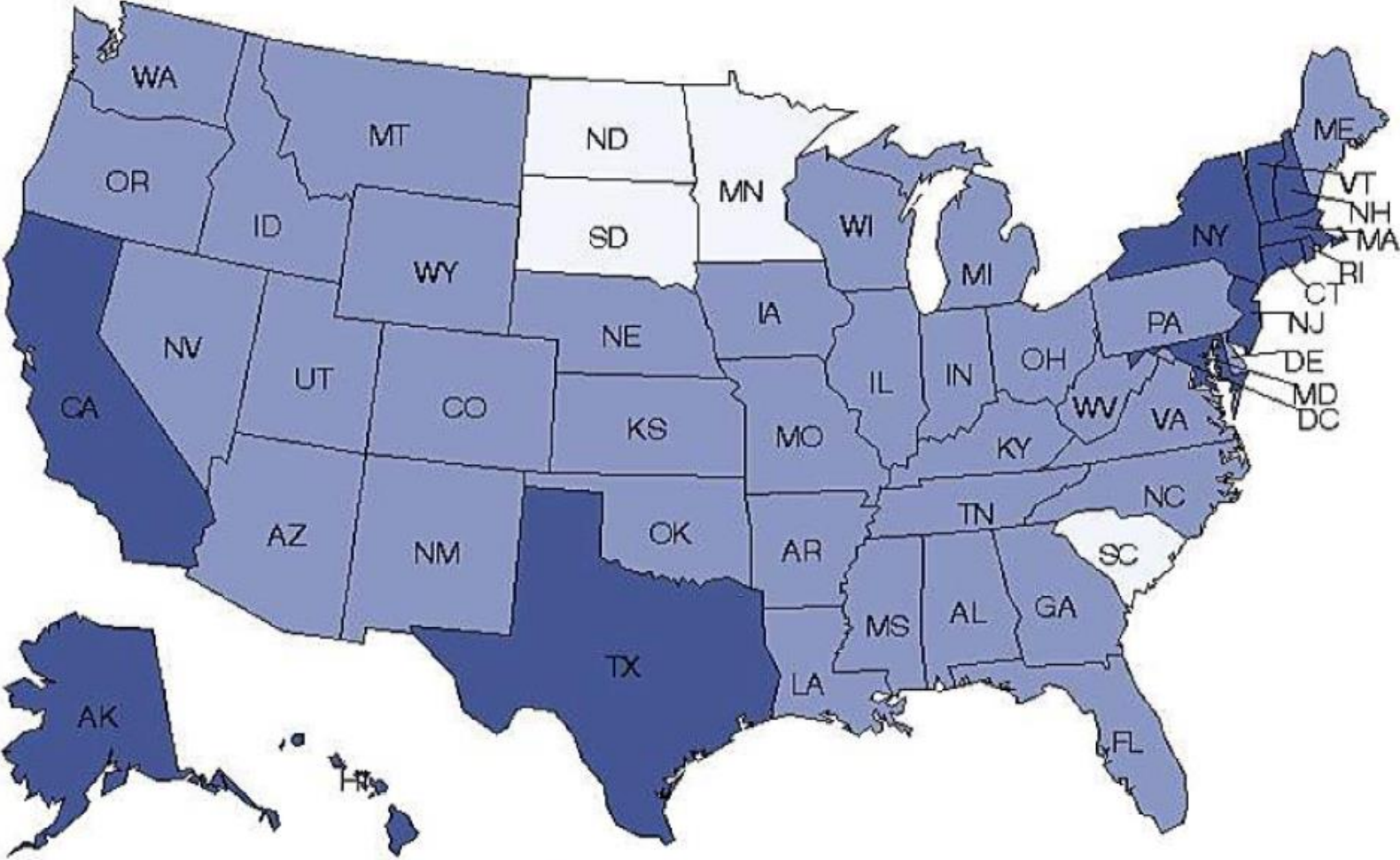


- Significantly lower than national rate
- No significant difference
- Significantly higher than national rate

Significance tested at $p < 0.05$.
Note: The national rate is 0.4.

Note: Rates based on adult day services center participants per 1,000 persons aged 64 and under on any given day.
Source: CDC/NCHS, National Study of Long-Term Care Providers

Adult day services center participants aged 85 and over: United States, 2012



- Significantly lower than national rate
- No significant difference
- Significantly higher than national rate

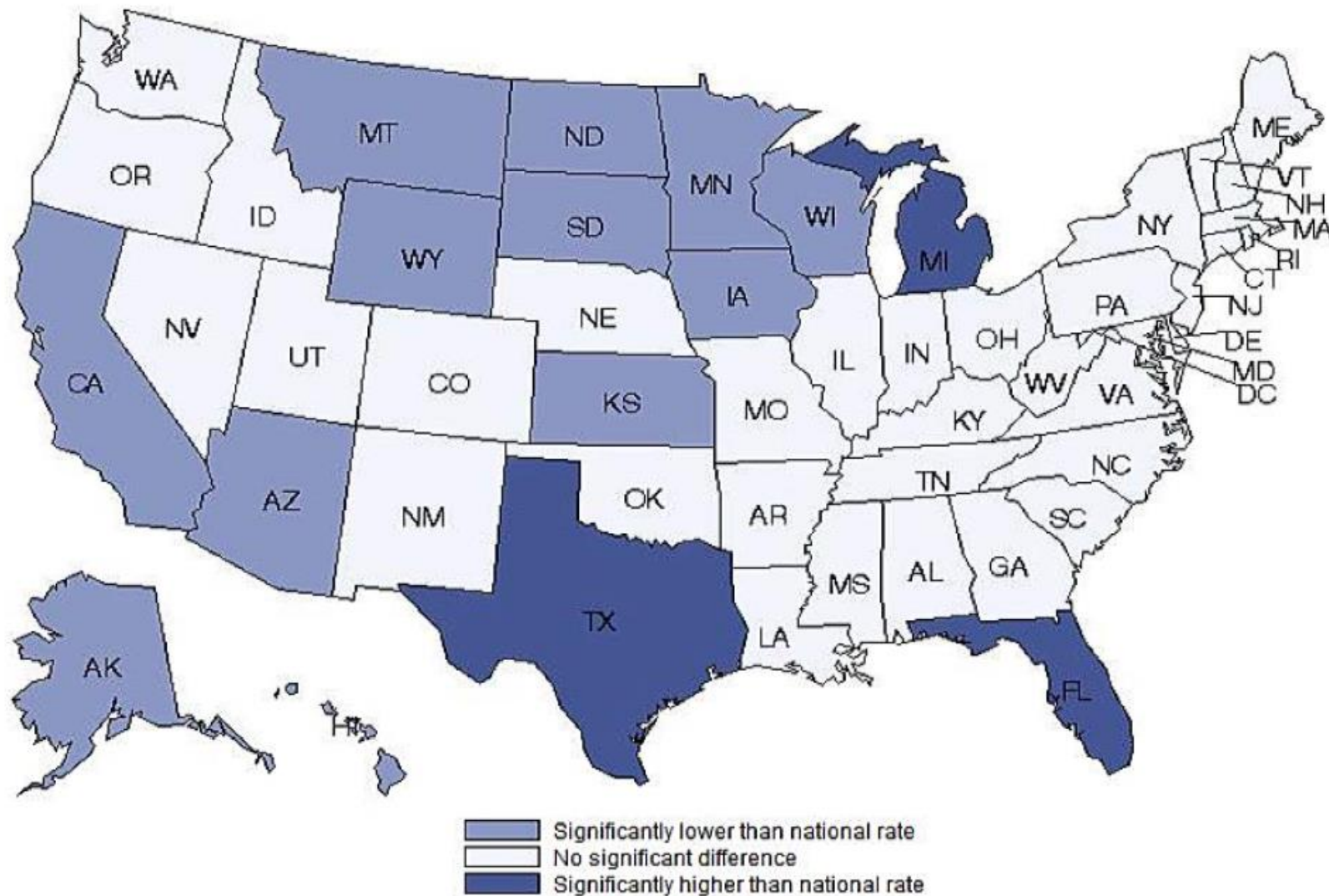
Significance tested at $p < 0.05$.

Note: The national rate is 8.

Note: Rates based on adult day services center participants per 1,000 persons aged 85 and over on any given day.

Source: CDC/NCHS, National Study of Long-Term Care Providers

Home health patients aged 85 and over discharged in calendar year: United States, 2011



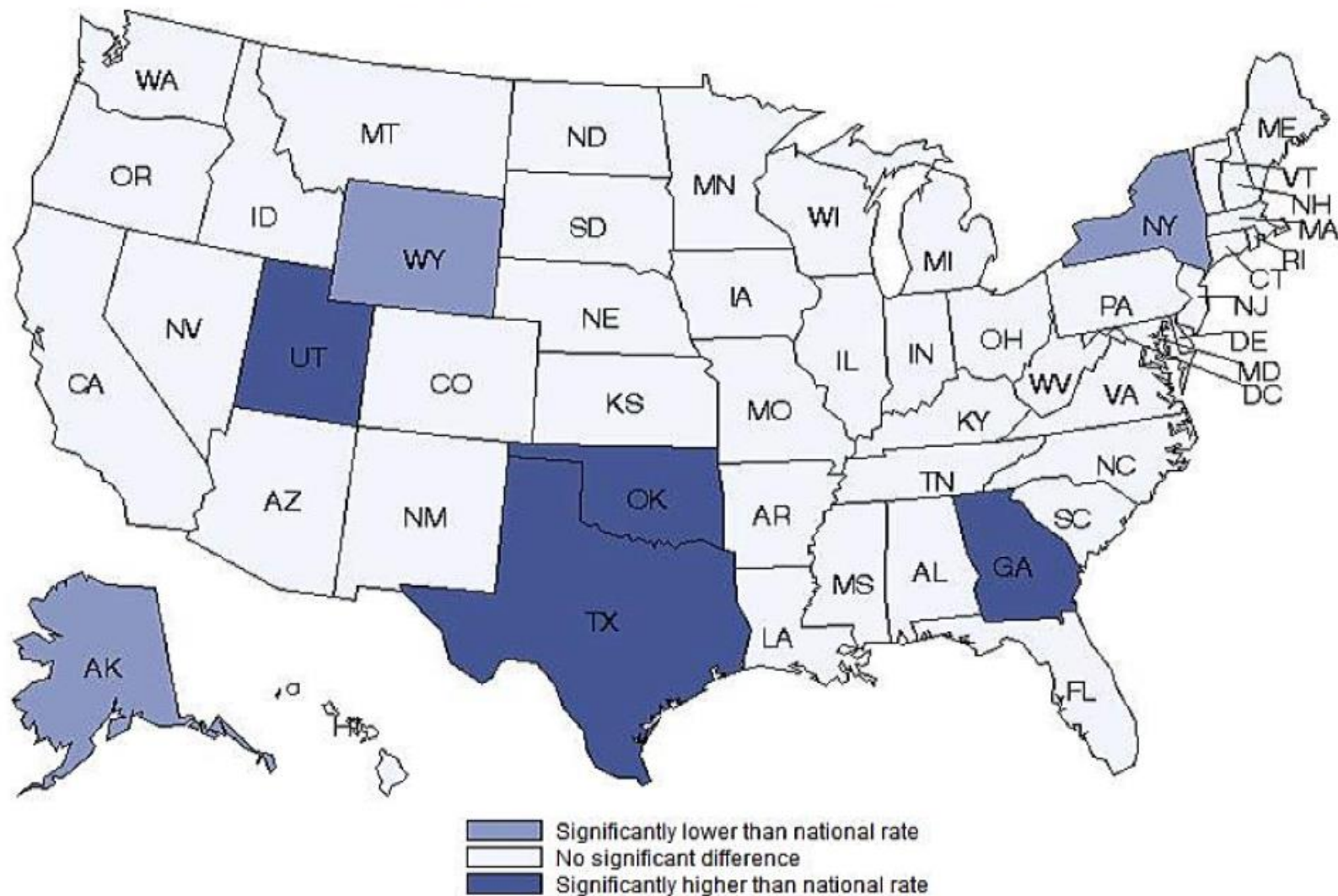
Significance tested at $p < 0.05$.

Note: The national rate is 206.

Note: Rates based on home health patients per 1,000 persons aged 85 and over.

Source: CDC/NCHS, National Study of Long-Term Care Providers

Hospice patients aged 85 and over in calendar year: United States, 2012



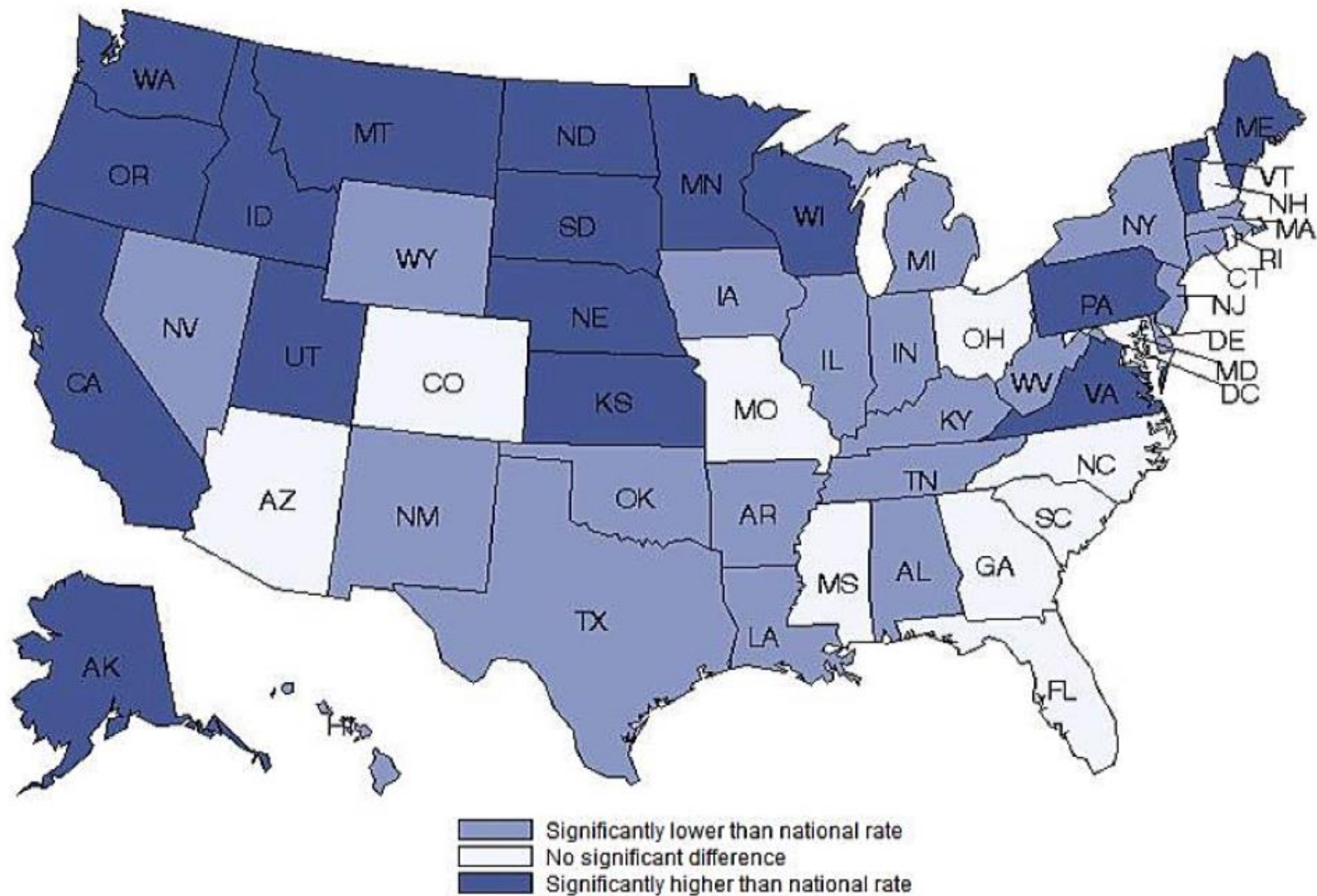
Significance tested at $p < 0.05$.

Note: The national rate is 99.

Note: Rates based on hospice patients per 1,000 persons aged 85 and over on any given day.

Source: CDC/NCHS, National Study of Long-Term Care Providers

Residential care residents aged 85 and over: United States, 2012



Note: Rates based on residential care community residents per 1,000 persons aged 85 and over on any given day.

Source: CDC/NCHS, National Study of Long-Term Care Providers

California: selected user characteristics of across five provider types

	Adult day services center	Home health agency	Hospice	Nursing home	Residential care community
65 years and over	51%	86%	96%	81%	97%
85 years and over	14%	29%	52%	37%	58%
Alzheimer's disease or other dementias	24%	32%	32%	39%	32%
Depression	24%	33%	14%	35%	18%



Florida: selected user characteristics of across five provider types

	Adult day services center	Home health agency	Hospice	Nursing home	Residential care community
65 years and over	89%	87%	95%	86%	91%
85 years and over	32%	28%	47%	42%	44%
Alzheimer's disease or other dementias	67%	33%	44%	48%	44%
Depression	22%	39%	24%	47%	24%



Minnesota: selected user characteristics of across five provider types

	Adult day services center	Home health agency	Hospice	Nursing home	Residential care community
65 years and over	69%	81%	95%	90%	95%
85 years and over	17%	29%	50%	54%	47%
Alzheimer's disease or other dementias	36%	25%	36%	48%	36%
Depression	40%	35%	19%	56%	25%



New York: selected user characteristics of across five provider types

	Adult day services center	Home health agency	Hospice	Nursing home	Residential care community
65 years and over	77%	82%	95%	86%	93%
85 years and over	22%	28%	47%	44%	45%
Alzheimer's disease or other dementias	30%	32%	38%	51%	35%
Depression	25%	30%	19%	43%	19%



Texas: selected user characteristics of across five provider types

	Adult day services center	Home health agency	Hospice	Nursing home	Residential care community
65 years and over	57%	80%	94%	84%	95%
85 years and over	11%	21%	44%	38%	47%
Alzheimer's disease or other dementias	14%	31%	53%	55%	43%
Depression	22%	38%	28%	53%	25%



2014 NSLTCP (Wave 2)

- Survey data collection (adult day, residential care)
 - Field June through December 2014
 - Shorter questionnaire—< 30 minutes to complete
 - Target response rate of > 65%
- Administrative data (home health, hospice, nursing home)
 - Obtain same CMS data for 2013/2014 reference period
 - Explore possibility of additional data sources
- Data products planned for release in 2015/2016



On-Going Monitoring

- 2012 wave of NSLTCP provides a baseline to monitor the effects of the ACA and other policy changes
- Infrastructure in place to collect data for adult day services centers and assisted living and similar residential care communities
- Potential to collect primary data on other sectors or add content to current surveys



National Study of Long-Term Care Providers

National Study of Long-Term Care Providers

About NSLTCP

Survey Methodology, Documentation, and Data Files

Study Products and Publications

Listserv

Related Sites

[Surveys and Data Collection Systems](#)

[National Nursing Home Survey](#)

[National Home and Hospice Care Survey](#)

[National Survey of Residential Care Facilities](#)

[NCHS Home](#) > [Surveys and Data Collection Systems](#) > [National Health Care Surveys](#)

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The National Study of Long-Term Care Providers (NSLTCP) is a groundbreaking new initiative to monitor the diverse and evolving long-term care field and inform long-term care planning and policymaking. NSLTCP is using data from surveys of [residential care communities](#) [PDF - 168 KB] and [adult day services centers](#) [PDF - 152 KB] and administrative data on home health agencies, nursing homes and hospices to produce representative national and state estimates of the supply, use, and characteristics of these five major sectors of the long-term care industry. NSLTCP will be conducted every other year starting in 2012.

What's New

- [Long-Term Care Services in the United States: 2013 Overview](#) [PDF - 2.90 MB]
- [2012 National Study of Long-Term Care Providers \(NSLTCP\) Survey Data](#)
- [National Study of Long-Term Care Providers Factsheet](#) [PDF - 159 KB]
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