

This crosswalk lists all topic areas available in the National Center for Health Statistics' National Study of Long-Term Care Providers (NSLTCP) surveys of adult day services providers (ADSC) and residential care communities (RCC), spanning the years 2012 to 2016.

NSLTCP has undergone several changes over the years in protocol design, questionnaire design, and survey item wording. In some years, survey items were added or removed or wording and response options were altered due to feedback from stakeholders. These changes were made to accommodate new topics and provide the most relevant information. To more easily allow data users to locate relevant data on her/his research interests, this crosswalk clearly denotes which content areas were included in each NSLTCP survey year. The first column lists the content areas, categorized by organizational characteristics, services, staffing, and services user characteristics. The second column notes the setting, ADSC and/or RCC. In the next three columns an x denotes which survey year the content was asked about. The sixth column denotes whether the data for that content area can be produced as a national and/or state estimate. Where applicable, the seventh column describes if item or response category wording changed between survey years. The Notes column provides additional information relevant for the user.

NCHS implemented the first study in 2012, 2014, and 2016 and plans to conduct NSLTCP every two years. For 2012 and 2014, the study designs allowed for national estimates and state estimates on all topics. In 2016, there were select topics available in either Version A or Version B that can only be estimated at the national level. For all three survey waves, the services user characteristics are aggregated and the data files are restricted access to ensure confidentiality. NCHS intends that beginning in 2018 and every other survey year (e.g. 2022, 2026, etc), the study design will allow for national estimates only, but will provide user-level characteristics and a public use data file. This crosswalk will be continuously updated as new survey years are available.

The latest version of this crosswalk, NSLTCP questionnaires, and related data file documentation is available to download:

https://www.cdc.gov/nchs/nsltcp/nsltcp_questionnaires.htm

Weighted estimates of variables in each survey year are available to download: https://www.cdc.gov/nchs/nsltcp/nsltcp_webtables.htm

The restricted 2012, 2014, and 2016 survey data files are available through NCHS's Research Data Center (<https://www.cdc.gov/rdc/>). To access the restricted data, users must submit a research proposal and applicable fees.

NSLTCP was initiated by NCHS to provide reliable, accurate, relevant, and timely statistical information to support and inform long-term care services policy, research and practice. The main goals of NSLTCP are to: (1) estimate the supply and use of paid, regulated long-term care services providers, (2) estimate key policy-relevant characteristics and practices, (3) produce national and state-level estimates, where feasible, (4) compare among sectors, and (5) monitor trends over time. NSLTCP comprises two components: (1) survey data collected by NCHS about adult day services centers and participants, and assisted living and similar residential care communities and residents; and (2) administrative data (claims, assessment, and survey and certification regulatory information) on nursing homes and residents, home health agencies and patients, and hospices and patients obtained from the Centers for Medicare & Medicaid Services (CMS).

Crosswalk of NSLTCP ADSC and RCC Survey Content, by Survey Year

Content Area	Setting ¹	Survey year			Able to Produce National or State Estimates?	Item wording revised between survey year(s)	Notes ²
		2012	2014	2016			
Organizational Characteristics							
Licensed or certified	ADSC and RCC	x	x	x	National and State		
Average daily census	ADSC	x	x	x	National and State		
Maximum enrollment allowed	ADSC	x	x	x	National and State		
Number of beds	RCC	x	x	x	National and State		
Number currently enrolled	ADSC	x	x	x	National and State		
Number currently living there	RCC	x	x	x	National and State		
Number receiving respite care	ADSC and RCC	x			National and State		
Serving of intellectually and developmentally disabled or severely mentally ill	ADSC and RCC	x	x	x	National and State		
Two meals a day	RCC	x	x	x	National and State		
24-7 staffing	RCC	x	x	x	National and State		
Activities of daily living assistance	RCC	x	x	x	National and State		
Medication assistance	RCC	x	x	x	National and State		
Chain affiliation	ADSC and RCC	x	x	x	National and State		
Social or medical model	ADSC			x	National and State		
Specialized services	ADSC			x	National and State		
Type of specialized services							
Alzheimer's disease or other dementia	ADSC			x	National and State		
Human immunodeficiency virus (HIV)/AIDS	ADSC			x	National and State		
Intellectual or developmental disabilities	ADSC			x	National and State		
Multiple sclerosis	ADSC			x	National and State		
Parkinson's disease	ADSC			x	National and State		
Post-stroke physical or cognitive impariments	ADSC			x	National and State		
Severe mental illness	ADSC			x	National and State		

Crosswalk of NSLTCP ADSC and RCC Survey Content, by Survey Year

Content Area	Setting ¹	Survey year			Able to Produce National or State Estimates?	Item wording revised between survey year(s)	Notes ²
		2012	2014	2016			
Traumatic brain injury	ADSC			x	National and State		
Type of ownership	ADSC and RCC	x	x	x	National and State		
Co-ownership	ADSC and RCC	x			National and State		
Specific co-ownership type	ADSC and RCC	x			National and State		
Years of operation	ADSC and RCC	x	x		National and State		
Medicaid participation	ADSC and RCC	x	x	x	National and State		
Revenue sources	ADSC	x	x	x	National and State	Item wording revised 2014-2016	
Depression screening	ADSC and RCC	x	x		National and State	Response category revised 2012-2014	
Cognitive impairment screening	ADSC and RCC	x			National and State		
Continuing care retirement community status	ADSC and RCC	x			National and State		
Electronic health records use	ADSC and RCC	x	x	x	National and State		
Electronic health information exchange							
With physicians	ADSC and RCC	x	x	x	National and State		
With pharmacies	ADSC and RCC	x	x	x	National and State		
With hospitals	ADSC and RCC		x	x	National and State		
Paper and computerized tracking of information	ADSC and RCC	x			National and State		
Fall risk assessment	ADSC and RCC			x	National		2016 Version A
Fall reduction interventions	ADSC and RCC			x	National		2016 Version A
Provision of advance directive information	ADSC and RCC			x	National		2016 Version B
State requirements for advance directives	ADSC and RCC			x	National		2016 Version B
Documentation of advance directives	ADSC and RCC			x	National		2016 Version B
Disease-specific programming	ADSC and RCC	x	x		National and State		
Dementia-only services	RCC	x	x	x	National and State		
Dementia specialized staff training	RCC	x			National and State		

Crosswalk of NSLTCP ADSC and RCC Survey Content, by Survey Year

Content Area	Setting ¹	Survey year			Able to Produce National or State Estimates?	Item wording revised between survey year(s)	Notes ²
		2012	2014	2016			
Dementia unit, wing, or floor	RCC	x	x	x	National and State		
Number of beds in dementia unit, wing, or floor	RCC	x	x		National and State		
Dementia specialized staff training	RCC	x			National and State		
Staff-to-resident ratios in dementia unit, wing, or floor	RCC	x			National and State		
Services							
Service provision							
Dental	ADSC and RCC	x	x		National and State	Response category revised 2012-2014	
Hospice	ADSC and RCC	x	x	x	National and State	Response category revised 2012-2014-2016	
Case management	ADSC and RCC	x			National and State		
Social work	ADSC and RCC	x	x	x	National and State	Response category revised 2012-2014-2016	
Mental health	ADSC and RCC	x	x	x	National and State	Response category revised 2012-2014-2016	
Physical, occupational, or speech therapy	ADSC and RCC	x	x	x	National and State	Response category revised 2012-2014-2016	
Pharmacy	ADSC and RCC	x	x	x	National and State	Response category revised 2012-2014-2016	
Podiatry	ADSC and RCC	x	x		National and State	Response category revised 2012-2014	
Dietary and nutritional	ADSC and RCC			x	National and State		
Skilled nursing	ADSC and RCC	x	x	x	National and State	Response category revised 2012-2014-2016	
Transportation for medical or dental appointments	ADSC and RCC	x	x	x	National and State	Response category revised 2012-2014-2016	
Transportation for social and recreational activities, or shopping	ADSC and RCC	x	x		National and State	Response category revised 2012-2014	
Daily round trip transportation to or from this center	ADSC	x	x	x	National and State	Response category revised 2012-2014-2016	
Medication management	ADSC and RCC	x	x		National and State		
Creation of personalized daily schedules	ADSC and RCC	x			National and State		
Input seeking for personal care services	ADSC and RCC	x			National and State		
Input seeking for room decorating	RCC	x			National and State		

Crosswalk of NSLTCP ADSC and RCC Survey Content, by Survey Year

Content Area	Setting ¹	Survey year			Able to Produce National or State Estimates?	Item wording revised between survey year(s)	Notes ²
		2012	2014	2016			
Meal time choice	ADSC and RCC	x			National and State		
Meal location choice	RCC	x			National and State		
Meal type/menu choice	ADSC and RCC	x			National and State		
Staffing							
Maximum hours part-time staff	ADSC and RCC	x			National and State		
Minimum hours full-time staff	ADSC and RCC	x			National and State		
Number of full-time and part-time employees							
Registered nurse	ADSC and RCC	x	x	x	National and State	Item wording revised 2014-2016	
Licensed practical or vocational nurse	ADSC and RCC	x	x	x	National and State	Item wording revised 2014-2016	
Aide	ADSC and RCC	x	x	x	National and State	Item wording revised 2014-2016	
Social work	ADSC and RCC	x	x	x	National and State	Item wording revised 2014-2016	
Activities	ADSC and RCC		x	x	National and State	Item wording revised 2014-2016	
Number of full-time equivalent employees							
Registered nurse	ADSC and RCC	x			National and State		
Licensed practical or vocational nurse	ADSC and RCC	x			National and State		
Aide	ADSC and RCC	x			National and State		
Social work	ADSC and RCC	x			National and State		
Number of full-time and part-time contract staff							
Registered nurse	ADSC and RCC	x	x	x	National and State	Item wording revised 2014-2016	
Licensed practical or vocational nurse	ADSC and RCC	x	x	x	National and State	Item wording revised 2014-2016	
Aide	ADSC and RCC	x	x	x	National and State	Item wording revised 2014-2016	
Social work	ADSC and RCC	x	x	x	National and State	Item wording revised 2014-2016	
Activities	ADSC and RCC		x	x	National and State	Item wording revised 2014-2016	

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Content Area	Setting ¹	Survey year			Able to Produce National or State Estimates?	Item wording revised between survey year(s)	Notes ²
		2012	2014	2016			
Number of full-time equivalent contract staff							
Registered nurse	ADSC and RCC	x			National and State		
Licensed practical or vocational nurse	ADSC and RCC	x			National and State		
Aide	ADSC and RCC	x			National and State		
Social work	ADSC and RCC	x			National and State		
Any activities staff	ADSC and RCC	X			National and State		
Number of activities staff	ADSC and RCC	X			National and State		
Services User Characteristics							
Race-ethnicity breakdown	ADSC and RCC	x	x	x	National and State		
Sex breakdown	ADSC and RCC	x	x	x	National and State		
Age breakdown	ADSC and RCC	x	x	x	National and State		
Number with select activities of daily living needs							
Transferring in and out of bed	ADSC and RCC	x			National and State		
Transferring in and out of chair	ADSC and RCC	x	x	x	National and State		ADSC only in 2014 and 2016
Transferring in and out of bed or chair	RCC		x	x	National and State		
With eating	ADSC and RCC	x	x	x	National and State		
With dressing	ADSC and RCC	x	x	x	National and State		
With bathing or showering	ADSC and RCC	x	x	x	National and State		
In using the bathroom	ADSC and RCC	x	x	x	National and State		
With locomotion or walking	ADSC and RCC	x	x	x	National and State		
Number using wheelchair or scooter	ADSC and RCC	x			National and State		

Crosswalk of NSLTCP ADSC and RCC Survey Content, by Survey Year

Content Area	Setting ¹	Survey year			Able to Produce National or State Estimates?	Item wording revised between survey year(s)	Notes ²
		2012	2014	2016			
Number with select diagnosed medical conditions							
Alzheimer's disease or other dementias	ADSC and RCC	x	x	x	National and State		
Arthritis	ADSC and RCC			x	National and State		
Asthma	ADSC and RCC			x	National and State		
Cancer	ADSC and RCC			x	National and State		
Chronic kidney disease	ADSC and RCC			x	National and State		
COPD (chronic bronchitis or emphysema)	ADSC and RCC			x	National and State		
Depression	ADSC and RCC	x	x	x	National and State		
Diabetes	ADSC and RCC		x	x	National and State		
Heart disease	ADSC and RCC		x	x	National and State		
High blood pressure or hypertension	ADSC and RCC			x	National and State		
Human immunodeficiency virus (HIV)/AIDS	ADSC and RCC			x	National and State		
Intellectual or developmental disability	ADSC and RCC	x	x	x	National and State		
Multiple sclerosis	ADSC and RCC			x	National and State		
Obesity	ADSC and RCC			x	National and State		
Osteoporosis	ADSC and RCC			x	National and State		
Parkinson's disease	ADSC and RCC			x	National and State		
Severe mental illness	ADSC and RCC	x	x	x	National and State		
Traumatic brain injury	ADSC and RCC			x	National and State		
Number with cognitive impairment	ADSC and RCC	x			National and State		
Number that Medicaid covered services in last 30 days	ADSC and RCC	x	x	x	National and State		
Number with an emergency department visit in last 90 days	ADSC and RCC	x	x	x	National and State		
Number with discharge from overnight hospital stay in last 90 days	ADSC and RCC	x	x	x	National and State		

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Content Area	Setting ¹	Survey year			Able to Produce National or State Estimates?	Item wording revised between survey year(s)	Notes ²
		2012	2014	2016			
Number with readmission within 30 days of discharge from a 90-day overnight hospital stay	ADSC and RCC	x		x	National and State		
Number receiving hospice care	ADSC and RCC			x	National and State		
Number in select living arrangements	ADSC	x		x	National and State		
Number in select types of co-residences	ADSC			x	National and State		
Number with fall in last 90 days	ADSC and RCC		x	x	National	Item wording revised 2014-2016	2016 version A
Number with 90-day fall injuries	ADSC and RCC			x	National		2016 version A
Number with 90-day fall emergency department visits or hospitalizations	ADSC and RCC			x	National		2016 version A
Number moved in/enrolled in last 12 months	ADSC and RCC	x			National and State		
Number died in last 12 months	ADSC and RCC	x			National and State		
Number moved out/stopped enrollment in last 12 months	ADSC and RCC	x			National and State		
Number by where moved out to	RCC	x			National and State		
Moved because of cost of care	ADSC and RCC	x	x		National and State		
Number with advance directives in file	ADSC and RCC			x	National		2016 version B
¹ ADSC is adult days services centers and RCC is residential care communities.							
² The 2016 survey had two questionnaire versions, Version A and B, see preface for more detail.							