

Long-Term Care Providers and Services Users in the United States, Residential Care Component: National Study of Long-Term Care Providers, 2015–2016

Weighted National Estimates and Standard Errors

The attached document provides the weighted estimates and associated standard errors¹ for selected variables from the residential care community (RCC) component of the 2015-2016 National Study of Long-Term Care Providers (NSLTCP). Data from the NSLTCP are restricted in order to maintain confidentiality of respondents, and can only be accessed through National Center for Health Statistics (NCHS)'s Research Data Center. Among the many variables reported by the NSLTCP, here are a few key estimates: as of 2016, there were 28,900 residential care communities in the United States, with a total of 996,100 beds and 811,500 current residents. Readers are encouraged to look at the attached table for many other estimates from the NSLTCP.

Weighted estimates are provided for original variables based directly on the survey response categories as well as derived or new variables that are adaptations of the survey responses. While most of the estimates are at the residential care community level, in order to make the data more useful, we have converted residential care community-level variables to resident-level measures wherever applicable. For instance, the MEDPAID variable on page 1 is used to provide the following set of measures:

1. Percent of residential care communities, by percent of residents who had some or all of their long-term care services paid by Medicaid in the last 30 days. This residential care community-level measure was obtained directly from the question
“During the last 30 days, for how many of the residents currently living in this residential care community, did Medicaid pay for some or all of their services received at this community?”

¹ The standard errors presented here were calculated using SAS-callable SUDAAN and match standard errors from STATA 14, except a few variables that are identified in the table.

2. Total number of residents who had some or all of their long-term care services paid by Medicaid in the last 30 days. This resident-level measure was derived by adding the total number of residents who had some or all of their long-term care services paid by Medicaid in the last 30 days.
3. Percent of current residents across all residential care communities who had some or all of their long-term care services paid by Medicaid in the last 30 days. This resident-level measure is derived as a ratio of the total number of residents using Medicaid to pay for services to the total number of residents across all residential care settings.

All measures are coded as “-1” if they follow a skip pattern in the questionnaires and are therefore legitimately skipped. The 2016 RCC questionnaire can be accessed at:

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

For the majority of measures, a separate category coded as “-9” indicates data not ascertained or missing data; the only exception being ratios, where the missing cases are not included in the calculations.

Information about the design and methodology of the 2016 NSLTCP in general, and the RCC component in particular, can be accessed at:

https://www.cdc.gov/nchs/data/nsltcp/nsltcp_2016_survey_methodology_and_documentation.pdf

Suggested citation

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2016 NSLTCP Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORIES	WEIGHTED PERCENTAGES AND COUNTS*	STANDARD ERRORS**	COMMUNITIES ASKED/ RECODED	ADDITIONAL NOTES
2	BEDS	At this residential care community, what is the number of licensed, registered, or certified residential care beds? Include both occupied and unoccupied beds. If this residential care community is licensed, registered, or certified by apartment or unit, please count the number of single-resident apartments or units as one bed each, two-bedroom apartments or units as two beds each and so forth. If none, enter "0." ___ Number of beds	Percent of residential care communities, by bed size categories (total number of beds in the community)	1 = 4-10 beds	45.6	0.1	All	Total number of residential care communities: 28,858. Collected as a continuous variable; recoded the variable to provide estimates in categories.
				2 = 11 - 25 beds	15.3	0.1		
				3 = 26 - 100 beds	31.5	0.3		
				4 = >100 beds	7.7	0.1		
				Total number of beds [@]	996,102	8,787		
5	TOTRES	What is the total number of residents currently living at this residential care community? Please include residents for whom a bed is being held while in the hospitals. If you have respite care residents, please include them. If none, enter "0." ___ Number of residents	Percent of residential care communities, by resident-size categories (total number of residents in the community)	1 = 1-25 residents	65.0	0.3	All	Collected as a continuous variable; recoded the variable to provide estimates in categories.
				2 = 26 - 100 residents	30.7	0.4		
				3 = >100 residents	4.3	0.2		
				Total number of current residents in residential care communities [@]	811,451	8,343		
8	OWNERSHP	What is the type of ownership of this residential care community? ___ Private—nonprofit ___ Private—for profit ___ Publicly traded company or limited liability company (LLC) ___ Government—Federal, state, county, or local	Percent of residential care communities, by ownership type	9 = Not ascertained	2.5	0.4	All	Used frame information to recode 31 cases with missing data.
				1 = Nonprofit, government	18.6	0.7		
				2 = For profit (including publicly traded company or limited liability company)	78.9	0.8		
9	MEDICAID	Is this residential care community authorized or otherwise set up to participate in Medicaid? ___ Yes ___ No	Percent of residential care communities, by Medicaid participation status	9 = Not ascertained	1.9	0.3	All	
				1 = Yes	47.3	0.8		
				2 = No	50.7	0.8		

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10	MEDPAID	<p>During the last 30 days, for how many of the residents currently living in this residential care community, did Medicaid pay for some or all of their services received at this community? If none, enter "0." ___ Number of residents</p>	Percent of residential care communities, by percent of residents who had some or all of their long-term care services paid by Medicaid in the last 30 days	-9 = Not ascertained	2.7	0.4	MEDICAID=1	Collected as continuous variable; recoded the variable to provide estimates in categories.
				-1 = Legitimate skip	50.7	0.8		
				1= None	6.4	0.6		
				2= 0.1% - 50% of residents	22.1	0.7		
				3 = > 50% of residents	18.2	0.7		
		Total number of current residents in residential care communities who had some or all of their long-term care services paid by Medicaid in the last 30 days			130,614	4,666		
		Percent of current residents across all residential care communities who had some or all of their long-term care services paid by Medicaid in the last 30 days			16.5	0.57		Used TOTRES as denominator. All cases that were legitimately skipped were coded as "0" indicating that they did not have services paid by Medicaid since they were in residential care communities that were not authorized or otherwise set to participate in Medicaid. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator (130,614/811,451).
11	EHRS	<p>An electronic health record (EHR) is a computerized version of the resident's health and personal information used in the management of the resident's health care. Other than for accounting or billing purposes, does this residential care community use electronic health records? ___ Yes ___ No</p>	Percent of residential care communities that use electronic health records	-9 = Not ascertained	2.4	0.4	All	
				1 = Yes	25.3	0.8		
				2 = No	72.3	0.8		
12a	ITMD	<p>Does this residential care community's computerized system support electronic health information exchange with each of the following providers? Do not include faxing. Physician ___ Yes ___ No</p>	Percent of residential care communities, by whether they have a computerized system that supports electronic health information exchange with physicians	-9 = Not ascertained	2.9	0.4	All	
				1 = Yes	10.6	0.6		
				2 = No	86.5	0.7		

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12b	ITPHARM	Does this residential care community's computerized system support electronic health information exchange with each of the following providers? Do not include faxing. Pharmacy __ Yes __ No	Percent of residential care communities, by whether they have a computerized system that supports electronic health information exchange with pharmacies	-9 = Not ascertained	2.9	0.4	All	
				1 = Yes	19.6	0.7		
				2 = No	77.5	0.8		
12c	ITHOSP	Does this residential care community's computerized system support electronic health information exchange with each of the following providers? Do not include faxing. Hospital __ Yes __ No	Percent of residential care communities, by whether they have a computerized system that supports electronic health information exchange with hospitals	-9 = Not ascertained	2.9	0.4	All	
				1 = Yes	7.1	0.5		
				2 = No	90.1	0.6		
DERIVED from 12a, 12b, 12c [ITMD, ITPHARM, ITHOSP]	ANYEX	Does this residential care community's computerized system support electronic health information exchange with any of the following providers? Do not include faxing Physician Pharmacy Hospital	Percent of residential care communities, by whether they have a computerized system that supports electronic health information exchange with any of the listed provider types	-9 = Not ascertained	2.9	0.4	All	
				1 = Yes	22.4	0.8		
				2 = No	74.7	0.8		
13	CHAIN	Is this residential care community owned by a person, group, or organization that owns or manages two or more residential care communities? This may include a corporate chain. __ Yes __ No	Percent of residential care communities, by chain affiliation status	-9 = Not ascertained	2.3	0.3	All	
				1 = Yes	55.9	1.0		
				2 = No	41.8	1.0		
Derived from Version A:28a Version B:29a (SERVHOSP)	SERVHOSP	For each row, mark if this residential care community provides the service by... Hospice services Provides the service by... __ Paid residential care community employees __ Arranging for the service to be provided by outside service providers __ Referring residents or family to outside service providers __ NONE OF THESE APPLY/ NOT PROVIDED	Percent of residential care communities, by whether or not they provide hospice services	-9 = Not ascertained	7.5	0.5	All	'Provided' refers to providing a given service by paid residential care community employee or arranging for the service to be provided by outside service providers.
				1 = Provided	62.6	1.0		
				2 = Referral only	22.5	0.9		
				3 = Neither provided nor referral given	7.5	0.6		

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Derived from Version A:28b Version B:29a (SERVSOCW)	SERVSOCW	For each row, mark if this residential care community provides the service by... Social work services - provided by licensed social workers or persons with a bachelor's or master's degree in social work, and may include an array of services such as psychosocial assessment, individual or group counseling, and referral services. Provides the service by... <input type="checkbox"/> Paid residential care community employees <input type="checkbox"/> Arranging for the service to be provided by outside service providers <input type="checkbox"/> Referring residents or family to outside service providers <input type="checkbox"/> NONE OF THESE APPLY/ NOT PROVIDED	Percent of residential care communities, by whether or not they provide social work services	-9 = Not ascertained	8.0	0.5	All	'Provided' refers to providing a given service by paid residential care community employee or arranging for the service to be provided by outside service providers.
				1 = Provided	47.0	1.0		
				2 = Referral only	25.4	0.9		
				3 = Neither provided nor referral given	19.6	0.9		
Derived from Version A:28c Version B:29c (SERVMH)	SERVMH	For each row, mark if this residential care community provides the service by... Mental health services - target residents' mental, emotional, psychological, or psychiatric well-being and may include diagnosing, describing, evaluating, and treating mental conditions. Provides the service by... <input type="checkbox"/> Paid residential care community employees <input type="checkbox"/> Arranging for the service to be provided by outside service providers <input type="checkbox"/> Referring residents or family to outside service providers <input type="checkbox"/> NONE OF THESE APPLY/ NOT PROVIDED	Percent of residential care communities, by whether or not they provide mental health services	-9 = Not ascertained	8.3	0.6	All	'Provided' refers to providing a given service by paid residential care community employee or arranging for the service to be provided by outside service providers.
				1 = Provided	50.4	1.0		
				2 = Referral only	26.0	0.9		
				3 = Neither provided nor referral given	15.2	0.8		
Derived from Version A:28d Version B:29d (SERVTX)	SERVTX	For each row, mark if this residential care community provides the service by... Any therapeutic services - physical, occupational, or speech Provides the service by... <input type="checkbox"/> Paid residential care community employees <input type="checkbox"/> Arranging for the service to be provided by outside service providers <input type="checkbox"/> Referring residents or family to outside service providers <input type="checkbox"/> NONE OF THESE APPLY/ NOT PROVIDED	Percent of residential care communities, by whether or not they provide therapeutic services	-9 = Not ascertained	7.8	0.5	All	'Provided' refers to providing a given service by paid residential care community employee or arranging for the service to be provided by outside service providers.
				1 = Provided	65.9	1.0		
				2 = Referral only	18.5	0.8		
				3 = Neither provided nor referral given	7.9	0.6		
Derived from Version A:28e Version B:29e (SERVRX)	SERVRX	For each row, mark if this residential care community provides the service by... Pharmacy services - including filling of or delivery of prescriptions Provides the service by... <input type="checkbox"/> Paid residential care community employees <input type="checkbox"/> Arranging for the service to be provided by outside service providers <input type="checkbox"/> Referring residents or family to outside service providers <input type="checkbox"/> NONE OF THESE APPLY/ NOT PROVIDED	Percent of residential care communities, by whether or not they provide pharmacy services	-9 = Not ascertained	7.6	0.5	All	'Provided' refers to providing a given service by paid residential care community employee or arranging for the service to be provided by outside service providers.
				1 = Provided	77.3	0.9		
				2 = Referral only	11.3	0.7		
				3 = Neither provided nor referral given	3.9	0.4		

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Derived from Version A:28f Version B:29f (SERVDIET)	SERVDIET	For each row, mark if this residential care community provides the service by... Dietary and nutritional services Provides the service by... ___ Paid residential care community employees ___ Arranging for the service to be provided by outside service providers ___ Referring residents or family to outside service providers ___ NONE OF THESE APPLY/ NOT PROVIDED	Percent of residential care communities, by whether or not they provide dietary and nutritional services	-9 = Not ascertained	8.5	0.5	All	'Provided' refers to providing a given service by paid residential care community employee or arranging for the service to be provided by outside service providers.
				1 = Provided	75.8	0.9		
				2 = Referral only	7.5	0.6		
				3 = Neither provided nor referral given	8.2	0.6		
Derived from Version A:28g Version B:29g (SERVNURS)	SERVNURS	For each row, mark if this residential care community provides the service by... Skilled nursing services - must be performed by an RN or LPN and are medical in nature Provides the service by... ___ Paid residential care community employees ___ Arranging for the service to be provided by outside service providers ___ Referring residents or family to outside service providers ___ NONE OF THESE APPLY/ NOT PROVIDED	Percent of residential care communities, by whether or not they provide skilled nursing services	-9 = Not ascertained	8.2	0.5	All	'Provided' refers to providing a given service by paid residential care community employee or arranging for the service to be provided by outside service providers.
				1 = Provided	60.7	1.0		
				2 = Referral only	15.8	0.8		
				3 = Neither provided nor referral given	15.4	0.8		
Derived from Version A:28h Version B:29h (SERVAPPT)	SERVAPPT	For each row, mark if this residential care community provides the service by... Transportation services for medical or dental appointments Provides the service by... ___ Paid residential care community employees ___ Arranging for the service to be provided by outside service providers ___ Referring residents or family to outside service providers ___ NONE OF THESE APPLY/ NOT PROVIDED	Percent of residential care communities, by whether or not they provide transportation services for medical or dental appointments	-9 = Not ascertained	7.7	0.5	All	'Provided' refers to providing a given service by paid residential care community employee or arranging for the service to be provided by outside service providers.
				1 = Provided	76.7	0.9		
				2 = Referral only	9.7	0.7		
				3 = Neither provided nor referral given	5.9	0.5		

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Employee is defined as anyone for whom the residential care community is required to issue a Form W-2. Contract staff are defined as other individuals or organization staff under contract with and working at this residential care community. Please see questionnaire for staffing table and what questions were asked about staffing. Data collected on full-time and part-time employees and contract staff were converted to full-time equivalents (FTEs), where 1 part-time person equals 0.5 FTE.								
DERIVED from Version A: 29a Version B: 30a	ANYRN_EMP	For each staff type below, indicate how many full-time employees and part-time employees this residential care community currently has. Enter "0" for any categories with no employees. Residential care community employees: Registered nurses (RNs)	Percent of residential care communities, by whether or not they have one or more RN employee FTEs	-9 = Not ascertained	6.3	0.5	All	Collected as continuous variable; recoded the variable to provide estimates in categories. Recoded missing as "0" unless responses to all ten response boxes for all employee staff types were blank or missing (e.g., the number of full-time RN employees, the number of part-time RN employees, the number of full-time LPN/LVN employees, the number of part-time LPN/LVN employees, the number of full-time Aide employees, the number of part-time Aide employees, the number of full-time Social work employees, the number of part-time Social work employees, and the number of full-time Activities staff employees, the number of part-time Activities staff employees). Otherwise, kept as missing (-9). This recoding scheme differed from the 2014 data and is based on the difference in question placement between 2014 and 2016.
				1= >0	36.9	0.8		
				2=None	56.8	0.8		

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DERIVED from Version A: 29b Version B: 30b	ANYLPN_EMP	For each staff type below, indicate how many full-time employees and part-time employees this residential care community currently has. Enter "0" for any categories with no employees. Residential care community employees: Licensed practical nurses (LPNs)/Licensed vocational nurses (LVNs)	Percent of residential care communities, by whether or not they have one or more LPN/LVN employee FTEs	-9 = Not ascertained	6.3	0.5	All	Collected as continuous variable; recoded the variable to provide estimates in categories. Recoded missing as "0" unless responses to all ten response boxes for all employee staff types were blank or missing (e.g., the number of full-time RN employees, the number of part-time RN employees, the number of full-time LPN/LVN employees, the number of part-time LPN/LVN employees, the number of full-time Aide employees, the number of part-time Aide employees, the number of full-time Social work employees, the number of part-time Social work employees, and the number of full-time Activities staff employees). Otherwise, kept as missing (-9). This recoding scheme differed from the 2014 data and is based on the difference in question placement between 2014 and 2016.
				1 = >0	33.4	0.7		
				2 = None	60.3	0.7		
DERIVED from Version A: 29c Version B: 30c	ANYAIDE_EMP	For each staff type below, indicate how many full-time employees and part-time employees this residential care community currently has. Enter "0" for any categories with no employees. Residential care community employees: Certified nursing assistants, nursing assistants, home health aides, home care aides, personal care aides, personal care assistants, and medication technicians or medication aides	Percent of residential care communities, by whether or not they have one or more aide employee FTEs	-9 = Not ascertained	6.3	0.5	All	Collected as continuous variable; recoded the variable to provide estimates in categories. Recoded missing as "0" unless responses to all ten response boxes for all employee staff types were blank or missing (e.g., the number of full-time RN employees, the number of part-time RN employees, the number of full-time LPN/LVN employees, the number of part-time LPN/LVN employees, the number of full-time Aide employees, the number of part-time Aide employees, the number of full-time Social work employees, the number of part-time Social work employees, and the number of full-time Activities staff employees). Otherwise, kept as missing (-9). This recoding scheme differed from the 2014 data and is based on the difference in question placement between 2014 and 2016.
				1 = >0	76.6	0.9		
				2 = None	17.2	0.9		

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DERIVED from Version A: 29d Version B: 30d	ANYSOCW_EMP	For each staff type below, indicate how many full-time employees and part-time employees this residential care community currently has. Enter "0" for any categories with no employees. Residential care community employees: Social workers - licensed social workers or persons with a bachelor's or master's degree in social work	Percent of residential care communities, by whether or not they have one or more social work employee FTEs	-9 = Not ascertained	6.3	0.5	All	Collected as continuous variable; recoded the variable to provide estimates in categories. Recoded missing as "0" unless responses to all ten response boxes for all employee staff types were blank or missing (e.g., the number of full-time RN employees, the number of part-time RN employees, the number of full-time LPN/LVN employees, the number of part-time LPN/LVN employees, the number of full-time Aide employees, the number of part-time Aide employees, the number of full-time Social work employees, the number of part-time Social work employees, and the number of full-time Activities staff employees). Otherwise, kept as missing (-9). This recoding scheme differed from the 2014 data and is based on the difference in question placement between 2014 and 2016.
				1 = >0	9.5	0.5		
				2 = None	84.2	0.7		
DERIVED from Version A: 29e Version B: 30e	ANYACT_EMP	For each staff type below, indicate how many full-time employees and part-time employees this residential care community currently has. Enter "0" for any categories with no employees. Residential care community employees: Activities directors or activities staff	Percent of residential care communities, by whether or not they have one or more activities director or staff employee FTEs	-9 = Not ascertained	6.3	0.5	All	Collected as continuous variable; recoded the variable to provide estimates in categories. Recoded missing as "0" unless responses to all ten response boxes for all employee staff types were blank or missing (e.g., the number of full-time RN employees, the number of part-time RN employees, the number of full-time LPN/LVN employees, the number of part-time LPN/LVN employees, the number of full-time Aide employees, the number of part-time Aide employees, the number of full-time Social work employees, the number of part-time Social work employees, and the number of full-time Activities staff employees). Otherwise, kept as missing (-9). This recoding scheme differed from the 2014 data and is based on the difference in question placement between 2014 and 2016.
				1 = >0	54.6	0.9		
				2 = None	39.1	89.6		

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DERIVED from Version A: 31a Version B: 32a	ANYRN_CON	For each staff type below, indicate how many full-time contract or agency staff and part-time contract or agency staff this residential care community currently has. Enter "0" for any categories with no contract or agency staff. Contract staff: Registered nurses (RNs)	Percent of residential care communities, by whether or not they have one or more RN contract staff FTEs	-9 = Not ascertained	8.1	0.6	All	Collected as continuous variable; recoded the variable to provide estimates in categories. Recoded missing as "0" unless responses to all ten response boxes for all contract or agency staff types were blank or missing (e.g., the number of full-time RN contract or agency staff, the number of part-time RN contract or agency staff, the number of full-time LPN/LVN contract or agency staff, the number of part-time LPN/LVN contract or agency staff, the number of full-time Aide contract or agency staff, the number of part-time Aide contract or agency staff, the number of full-time Social work contract or agency staff, the number of part-time Social work contract or agency staff, and the number of full-time Activities contract or agency staff, the number of part-time Activities contract or agency staff). Otherwise, kept as missing (-9). This recoding scheme differed from the 2014 data and is based on the difference in question placement between 2014 and 2016.
				1 = >0	7.9	0.6		
				2=None	84.1	0.7		
DERIVED from Version A: 31b Version B: 32b	ANYLPN_CON	For each staff type below, indicate how many full-time contract or agency staff and part-time contract or agency staff this residential care community currently has. Enter "0" for any categories with no contract or agency staff. Contract staff: Licensed practical nurses (LPNs)/Licensed vocational nurses (LVNs)	Percent of residential care communities, by whether or not they have one or more LPN contract staff FTEs	-9 = Not ascertained	8.1	0.6	All	Collected as continuous variable; recoded the variable to provide estimates in categories. Recoded missing as "0" unless responses to all ten response boxes for all contract or agency staff types were blank or missing (e.g., the number of full-time RN contract or agency staff, the number of part-time RN contract or agency staff, the number of full-time LPN/LVN contract or agency staff, the number of part-time LPN/LVN contract or agency staff, the number of full-time Aide contract or agency staff, the number of part-time Aide contract or agency staff, the number of full-time Social work contract or agency staff, the number of part-time Social work contract or agency staff, and the number of full-time Activities contract or agency staff, the number of part-time Activities contract or agency staff). Otherwise, kept as missing (-9). This recoding scheme differed from the 2014 data and is based on the difference in question placement between 2014 and 2016.
				1 = >0	3.6	0.4		
				2 = None	88.4	0.7		

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QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORIES	WEIGHTED PERCENTAGES AND COUNTS*	STANDARD ERRORS**	COMMUNITIES ASKED/ RECODED	ADDITIONAL NOTES
DERIVED from Version A: 31c Version B: 32c	ANYAIDE_CON	For each staff type below, indicate how many full-time contract or agency staff and part-time contract or agency staff this residential care community currently has. Enter "0" for any categories with no contract or agency staff. Contract staff: Certified nursing assistants, nursing assistants, home health aides, home care aides, personal care aides, personal care assistants, and medication technicians or medication aides	Percent of residential care communities, by whether or not they have one or more aide contract staff FTEs	-9 = Not ascertained	8.1	0.6	All	Collected as continuous variable; recoded the variable to provide estimates in categories. Recoded missing as "0" unless responses to all ten response boxes for all contract or agency staff types were blank or missing (e.g., the number of full-time RN contract or agency staff, the number of part-time RN contract or agency staff, the number of full-time LPN/LVN contract or agency staff, the number of part-time LPN/LVN contract or agency staff, the number of full-time Aide contract or agency staff, the number of part-time Aide contract or agency staff, the number of full-time Social work contract or agency staff, the number of part-time Social work contract or agency staff, and the number of full-time Activities contract or agency staff, the number of part-time Activities contract or agency staff). Otherwise, kept as missing (-9). This recoding scheme differed from the 2014 data and is based on the difference in question placement between 2014 and 2016.
				1 = >0	8.4	0.6		
				2 = None	83.6	0.8		
DERIVED from Version A: 31d Version B: 32d	ANYSOCW_CON	For each staff type below, indicate how many full-time contract or agency staff and part-time contract or agency staff this residential care community currently has. Enter "0" for any categories with no contract or agency staff. Contract staff: Social workers - licensed social workers or persons with a bachelor's or master's degree in social work	Percent of residential care communities, by whether or not they have one or more social work contract staff FTEs	-9 = Not ascertained	8.1	0.6	All	Collected as continuous variable; recoded the variable to provide estimates in categories. Recoded missing as "0" unless responses to all ten response boxes for all contract or agency staff types were blank or missing (e.g., the number of full-time RN contract or agency staff, the number of part-time RN contract or agency staff, the number of full-time LPN/LVN contract or agency staff, the number of part-time LPN/LVN contract or agency staff, the number of full-time Aide contract or agency staff, the number of part-time Aide contract or agency staff, the number of full-time Social work contract or agency staff, the number of part-time Social work contract or agency staff, and the number of full-time Activities contract or agency staff, the number of part-time Activities contract or agency staff). Otherwise, kept as missing (-9). This recoding scheme differed from the 2014 data and is based on the difference in question placement between 2014 and 2016.
				1 = >0	3.1	0.4		
				2 = None	88.9	0.6		

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QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORIES	WEIGHTED PERCENTAGES AND COUNTS*	STANDARD ERRORS**	COMMUNITIES ASKED/ RECODED	ADDITIONAL NOTES
DERIVED from Version A: 31e Version B: 32e	ANYACT_CON	For each staff type below, indicate how many full-time contract or agency staff and part-time contract or agency staff this residential care community currently has. Enter "0" for any categories with no contract or agency staff. Contract staff: Activities directors or activities staff	Percent of residential care communities, by whether or not they have one or more activities director or contract staff FTEs	-9 = Not ascertained	8.1	0.6	All	Collected as continuous variable; recoded the variable to provide estimates in categories. Recoded missing as "0" unless responses to all ten response boxes for all contract or agency staff types were blank or missing (e.g., the number of full-time RN contract or agency staff, the number of part-time RN contract or agency staff, the number of full-time LPN/LVN contract or agency staff, the number of part-time LPN/LVN contract or agency staff, the number of full-time Aide contract or agency staff, the number of part-time Aide contract or agency staff, the number of full-time Social work contract or agency staff, the number of part-time Social work contract or agency staff, and the number of full-time Activities contract or agency staff, the number of part-time Activities contract or agency staff). Otherwise, kept as missing (-9). This recoding scheme differed from the 2014 data and is based on the difference in question placement between 2014 and 2016.
				1 = Yes	3.5	0.4		
				2 = No	88.5	0.7		
14a [IMPUTED]	HISPANICRC	Of the residents currently living in this residential care community, what is the racial-ethnic breakdown? Count each resident only once. Enter "0" for any categories with no residents. Hispanic or Latino, of any race __ Number of residents	Percent of residential care communities, by percent of Hispanic (or Latino, of any race) residents	1=None	75.4	0.8	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2= 0.1-10%	12.9	0.5		
				3 = >10%	11.8	0.7		
			Percent of current Hispanic (or Latino, of any race) residents across all residential care communities		3.1	0.2	Used TOTRES as denominator.	

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QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORIES	WEIGHTED PERCENTAGES AND COUNTS*	STANDARD ERRORS**	COMMUNITIES ASKED/ RECODED	ADDITIONAL NOTES
DERIVED from 14b, 14e, 14g, 14h (AIAN NHOPI MULTIRACE OTHERRACE) [IMPUTED]	AIAN NHOPI MULTIRACE OTHERRACE	Of the residents currently living in this residential care community, what is the racial-ethnic breakdown? Count each resident only once. Enter "0" for any categories with no residents. American Indian or Alaska Native, not Hispanic or Latino (AIAN) Native Hawaiian or Other Pacific Islander, not Hispanic or Latino (NHOPI) Two or more races, not Hispanic or Latino Some other category reported in this residential care community's system __ Number of residents	Percent of residential care communities, by percent of American Indian or Alaska Native, not Hispanic or Latino (AIAN); Native Hawaiian or Other Pacific Islander, not Hispanic or Latino (NHOPI); Two or more races, not Hispanic or Latino; and other race residents	1=None	85.7	0.7	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2 = 0.1 - 10%	7.5	0.4		
				3 = >10%	6.8	0.6		
				Percent of current non-Hispanic/Latino Other Race [American Indian or Alaska Native, not Hispanic or Latino (AIAN); Native Hawaiian or Other Pacific Islander, not Hispanic or Latino (NHOPI); Two or more races, not Hispanic or Latino; and other race] residents across all residential care communities	1.7	0.2		
14c [IMPUTED]	ASIANRC	Of the residents currently living in this residential care community, what is the racial-ethnic breakdown? Count each resident only once. Enter "0" for any categories with no residents. Asian, not Hispanic or Latino __ Number of residents	Percent of residential care communities, by percent of non-Hispanic/Latino Asian residents	1 = None	83.7	0.8	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2 = 0.1 - 10%	8.1	0.4		
				3 = >10%	8.2	0.7		
				Percent of current non-Hispanic/Latino Asian residents across all residential care communities	2.0	0.3		

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14d [IMPUTED]	BLACKRC	Of the residents currently living in this residential care community, what is the racial-ethnic breakdown? Count each resident only once. Enter "0" for any categories with no residents. Black, not Hispanic or Latino __ Number of residents	Percent of residential care communities, by percent of non-Hispanic/Latino Black residents	1 = None	71.8	0.8	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2 = 0.1 - 10%	14.7	0.5		
				3 = >10%	13.6	0.7		
			Percent of current non-Hispanic/Latino black residents across all residential care communities		4.1	0.2		Used TOTRES as denominator.
18f [IMPUTED]	WHITERC	Of the residents currently living in this residential care community, what is the racial-ethnic breakdown? Count each resident only once. Enter "0" for any categories with no residents. White, not Hispanic or Latino __ Number of residents	Percent of residential care communities, by percent of non-Hispanic/Latino White residents	1 = None	7.3	0.5	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2 = 0.1 - 74%	17.1	0.9		
				3 = 75 - 90%	16.7	0.8		
			Percent of current non-Hispanic/Latino White residents across all residential care communities		81.4	0.8		Used TOTRES as denominator.
15a [IMPUTED]	MALERC	Of the residents currently living in this residential care community, what is the sex breakdown? Enter "0" for any categories with no residents. Male __ Number of residents	Percent of residential care communities, by percent of male residents	1 = None	14.1	0.8	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2 = 0.1 - 25%	33.2	0.9		
				3 = 26 - 50%	38.0	1.0		
			Percent of current male residents across all residential care communities		29.4	0.3		Used TOTRES as denominator.
15b [IMPUTED]	FEMALERC	Of the residents currently living in this residential care community, what is the sex breakdown? Enter "0" for any categories with no residents. Female __ Number of residents	Percent of residential care communities, by percent of female residents	1 = None	3.8	0.4	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2 = 0.1 - 25%	3.7	0.4		
				3 = 26 - 50%	12.4	0.7		
			Percent of current female residents across all residential care communities		70.6	0.3		Used TOTRES as denominator.

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QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORIES	WEIGHTED PERCENTAGES AND COUNTS*	STANDARD ERRORS**	COMMUNITIES ASKED/ RECODED	ADDITIONAL NOTES
DERIVED from 16a, 16b, 16c, 16d (AG17LESSRC, AG18TO44RC, AG45TO54RC, AG55TO64) [IMPUTED]	AGLESS65	Of the residents currently living in this residential care community, what is the age breakdown? Enter "0" for any categories with no residents. 17 years or younger 18 - 44 years 45 - 54 years 55 - 64 years __ Number of residents	Percent of residential care communities, by percent of residents younger than 65 years	1 = None	59.0	0.9	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2 = 0.1 - 10%	16.5	0.5		
				3 = >10%	24.5	0.8		
				Percent of current residents younger than 65 years across all residential care communities	6.6	0.3		
16e [IMPUTED]	AG65TO74RC	Of the residents currently living in this residential care community, what is the age breakdown? Enter "0" for any categories with no residents. 65 - 74 years __ Number of residents	Percent of residential care communities, by percent of residents aged 65-74 years	1 = None	40.9	1.0	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2 = 0.1 - 25%	43.5	0.9		
				3 = 26-50%	12.0	0.7		
				4 = >50%	3.6	0.4		
Percent of current residents aged 65-74 years across all residential care communities	11.0	0.3	Used TOTRES as denominator.					
16f [IMPUTED]	AG75TO84RC	Of the residents currently living in this residential care community, what is the age breakdown? Enter "0" for any categories with no residents. 75 - 84 years __ Number of residents	Percent of residential care communities, by percent of residents aged 75-84 years	1 = None	20.6	0.9	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2 = 0.1 - 25%	32.6	0.9		
				3 = 26 - 50%	31.7	0.9		
				4 = >50%	15.1	0.8		
Percent of current residents aged 75-84 years across all residential care communities	30.3	0.5	Used TOTRES as denominator.					

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16g [IMPUTED]	AG8SUPRC	Of the residents currently living in this residential care community, what is the age breakdown? Enter "0" for any categories with no residents. 85 years and older __ Number of residents	Percent of residential care communities, by percent of residents aged 85 years or older	1 = None	16.2	0.8	All	Multiple imputations for missing data. Average of 5 imputed, case-specific values used to correct missing data; ratio adjustment made to have the sum of race-ethnicity categories add to TOTRES. Collected as continuous variable; recoded the variable to provide estimates in categories.
				2 = 0.1 - 25%	14.9	0.7		
				3 = 26 - 50%	20.6	0.9		
				4 = >50%	48.3	1.0		
			Percent of current residents aged 85 years or older across all residential care communities		52.1	0.7		Used TOTRES as denominator.
17a [RECODED]	TRANSHELPRC	Assistance refers to needing any help or supervision from another person, or use of assistive devices . Of the residents currently living in this residential care community, about how many now need any assistance in each of the following activities? Enter "0" for any categories with no residents. Transferring in and out of a bed or chair __ Number of residents	Percent of residential care communities, by percent of residents needing assistance with transferring in and out of bed	-9 = Not ascertained	5.7	0.5	All	Recorded missing as "0" unless responses to all response boxes for Question 17 a-f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	17.6	0.7		
				2 = 0.1 - 25%	24.4	0.8		
				3 = 26 - 50%	22.4	0.9		
				4 = 51 - 75%	15.0	0.8		
				5 = >75%	14.8	0.8		
			Percent of current residents needing assistance with transferring in and out of bed across all residential care communities		29.2	0.7		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
17b [RECODED]	EATHELPRC	Assistance refers to needing any help or supervision from another person, or use of assistive devices . Of the residents currently living in this residential care community, about how many now need any assistance in each of the following activities? Enter "0" for any categories with no residents. With eating, like cutting up food __ Number of residents	Percent of residential care communities, by percent of residents needing assistance with eating	-9 = ascertained	5.7	0.5	All	Recorded missing as "0" unless responses to all response boxes for Question 17 a-f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	18.7	0.8		
				2 = 0.1 - 25%	35.5	0.9		
				3 = 26 - 50%	18.8	0.9		
				4 = 51 - 75%	10.0	0.7		
				5 = >75%	11.3	0.7		
			Percent of current residents needing assistance with eating across all residential care communities		19.2	0.5		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.

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17c [RECODED]	DRESHELPRC	Assistance refers to needing any help or supervision from another person, or use of assistive devices . Of the residents currently living in this residential care community, about how many now need any assistance in each of the following activities? Enter "0" for any categories with no residents. With dressing __ Number of residents	Percent of residential care communities, by percent of residents needing assistance with dressing	-9 = Not ascertained	5.7	0.5	All	Recorded missing as "0" unless responses to all response boxes for Question 17 a-f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	6.8	0.5		
				2 = 0.1 - 25%	13.0	0.6		
				3 = 26 - 50%	22.7	0.8		
				4 = 51 - 75%	19.6	0.8		
				5 = >75%	32.3	1.0		
			Percent of current residents needing assistance with dressing across all residential care communities		48.2	0.7		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
17d [RECODED]	BATHHELPRC	Assistance refers to needing any help or supervision from another person, or use of assistive devices . Of the residents currently living in this residential care community, about how many now need any assistance in each of the following activities? Enter "0" for any categories with no residents. With bathing or showering __ Number of residents	Percent of residential care communities, by percent of residents needing assistance with bathing or showering	-9 = Not ascertained	5.7	0.5	All	Recorded missing as "0" unless responses to all response boxes for Question 17 a-f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	2.2	0.3		
				2 = 0.1 - 25%	6.5	0.5		
				3 = 26 - 50%	14.7	0.7		
				4 = 51 - 75%	16.3	0.7		
				5 = >75%	54.6	0.9		
			Percent of current residents needing assistance with bathing or showering across all residential care communities		63.6	0.8		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
17e [RECODED]	TOILHELPRC	Assistance refers to needing any help or supervision from another person, or use of assistive devices . Of the residents currently living in this residential care community, about how many now need any assistance in each of the following activities? Enter "0" for any categories with no residents. In using the bathroom (toileting) __ Number of residents	Percent of residential communities, by percent of residents needing assistance in using the bathroom	-9 = Not ascertained	5.7	0.5	All	Recorded missing as "0" unless responses to all response boxes for Question 17 a-f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	12.0	0.6		
				2 = 0.1 - 25%	17.3	0.7		
				3 = 26 - 50%	20.5	0.8		
				4 = 51 - 75%	18.7	0.9		
				5 = >75%	25.8	0.9		
			Percent of current residents needing assistance in using the bathroom across all residential care communities		40.0	0.7		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.

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17f [RECODED]	WALKHELPRC	<p>Assistance refers to needing any help or supervision from another person, or use of special equipment.</p> <p>Assistance refers to needing any help or supervision from another person, or use of assistive devices. Of the residents currently living in this residential care community, about how many now need any assistance in each of the following activities? Enter "0" for any categories with no residents.</p> <p>With locomotion or walking—this includes using a cane, walker, or wheelchair, or help from another person</p> <p>__ Number of residents</p>	Percent of residential care communities, by percent of residents needing assistance with locomotion or walking	-9 = Not ascertained	5.7	0.5	All	<p>Recorded missing as "0" unless responses to all response boxes for Question 17 a-f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.</p>
				1 = None	6.7	0.5		
				2 = 0.1 - 25%	12.1	0.6		
				3 = 26 - 50%	17.4	0.8		
				4 = 51 - 75%	19.8	0.8		
				5 = >75%	38.4	1.0		
Percent of current residents needing assistance with locomotion or walking across all residential care communities	56.5	0.8	<p>Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.</p>					
18a	DXALZ	<p>Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents.</p> <p>Alzheimer's disease or other dementias</p> <p>__ Number of residents</p>	Percent of residential care communities, by percent of residents with Alzheimer's disease or other dementias	-9 = Not ascertained	9.6	0.6	All	<p>Collected as continuous variable; recoded the variable to provide estimates in categories.</p>
				1 = None	9.3	0.6		
				2 = 0.1- 25%	16.8	0.7		
				3 = 26 - 50%	24.6	0.9		
				4 = 51 - 75%	16.8	0.8		
				5 = >75%	22.9	0.9		
Percent of current residents with Alzheimer's disease or other dementias across all residential care communities	41.9	0.7	<p>Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.</p>					
18b	DXARTH	<p>Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents.</p> <p>Arthritis</p> <p>__ Number of residents</p>	Percent of residential care communities, by percent of residents with Arthritis	-9 = Not ascertained	14.1	0.7	All	<p>Collected as continuous variable; recoded the variable to provide estimates in categories.</p>
				1 = None	12.4	0.8		
				2 = 0.1- 25%	21.9	0.8		
				3 = 26 - 50%	22.0	0.9		
				4 = 51 - 75%	12.4	0.7		
				5 = >75%	17.2	0.8		
Percent of current residents with Arthritis	42.4	0.8	<p>Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.</p>					

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18c	DXASTH	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Asthma __ Number of residents	Percent of residential care communities, by percent of residents with Asthma	-9 = Not ascertained	15.6	0.8	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	42.4	1.0		
				2 = 0.1- 25%	36.4	0.9		
				3 = >25%	5.6	0.5		
		Percent of current residents with Asthma			6.8	0.2	Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.	
18d	DXCANC	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. CANCER __ Number of residents	Percent of residential care communities, by percent of residents with Cancer	-9 = Not ascertained	14.9	0.8	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	42.3	1.0		
				2 = 0.1- 25%	37.5	0.8		
				3 = >25%	5.4	0.5		
		Percent of current residents with Cancer			7.5	0.3	Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.	
18e	DXKIDNY	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. CHRONIC KIDNEY DISEASE __ Number of residents	Percent of residential care communities, by percent of residents with Chronic kidney disease	-9 = Not ascertained	15.3	0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	42.0	1.0		
				2 = 0.1- 25%	35.5	0.8		
				3 = >25%	7.2	0.6		
		Percent of current residents with Chronic kidney disease			8.3	0.3	Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.	
18f	DXCOPD	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. COPD (Chronic bronchitis or emphysema) __ Number of residents	Percent of residential care communities, by percent of residents with COPD	-9 = Not ascertained	13.6	0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	27.2	0.9		
				2 = 0.1- 25%	47.0	1.0		
				3 = >25%	12.1	0.7		
		Percent of current residents with COPD			14.0	0.4	Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.	

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2016 NSLTCP Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORIES	WEIGHTED PERCENTAGES AND COUNTS*	STANDARD ERRORS**	COMMUNITIES ASKED/ RECODED	ADDITIONAL NOTES
18g	DXDEP	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Depression __ Number of residents	Percent of residential care communities, by percent of residents with depression	-9 = Not ascertained	12.6	0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	11.1	0.7		
				2 = 0.1 - 25%	27.5	0.9		
				3 = 26 - 50%	27.8	0.9		
				4 = 51 - 75%	11.3	0.7		
				5 = >75%	9.8	0.7		
			Percent of current residents with depression across all residential care communities		30.9	0.6		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
18h	DXDIAB	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Diabetes __ Number of residents	Percent of residential care communities, by percent of residents with diabetes	-9 = Not ascertained	12.5	0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	17.3	0.9		
				2 = 0.1 - 25%	47.8	1.0		
				3 = > 25%	22.4	0.9		
			Percent of current residents with diabetes across all residential care communities		18.1	0.3		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
18i	DXCADIO	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Heart disease (e.g., congestive heart failure, coronary or ischemic heart disease, heart attack, stroke) __ Number of residents	Percent of residential care communities, by percent of residents with heart disease	-9 = Not ascertained	13.0	0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	11.3	0.7		
				2 = 0.1 - 25%	27.3	0.9		
				3 = 26 - 50%	31.3	1.0		
				4 = 51 - 75%	10.8	0.6		
				5 = >75%	6.3	0.6		
			Percent of current residents with heart disease across all residential care communities		34.3	0.6		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.

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18j	DXHBP	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. High blood pressure or hypertension __ Number of residents	Percent of residential care communities, by percent of residents with high blood pressure or hypertension	-9 = Not ascertained	11.5	0.6	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	5.3	0.5		
				2 = 0.1 - 25%	11.0	0.7		
				3 = 26 - 50%	29.2	1.0		
				4 = 51 - 75%	23.9	0.9		
				5 = >75%	19.1	0.9		
			Percent of current residents with high blood pressure or hypertension across all residential care communities		51.2	0.7		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
18k	DXHIV	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. HIV/AIDS (Human immunodeficiency virus) __ Number of residents	Percent of residential care communities, by percent of residents with HIV/AIDS	-9 = Not ascertained	14.4	0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	83.9	0.8		
				2 = > 0	1.7	0.3		
			Percent of current residents with HIV/AIDS across all residential care communities		0.3	0.1		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
18l	DXDD	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Intellectual or developmental disability __ Number of residents	Percent of residential care communities, by percent of residents with intellectual or developmental disability	-9 = Not ascertained	14.1	0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	62.3	1.0		
				2 = 0.1 - 25%	16.9	0.7		
				3 = >25%	6.7	0.5		
			Percent of current residents with intellectual or developmental disability across all residential care communities		2.7	0.2		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
18m	DXMS	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Multiple sclerosis __ Number of residents	Percent of residential care communities, by percent of residents with Multiple sclerosis	-9 = Not ascertained	14.7	0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	74.3	0.9		
				2 = 0.1 - 10%	7.5	0.4		
				3 = >10%	3.5	0.5		
			Percent of current residents with Multiple sclerosis across all residential care communities		0.8	0.1		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.

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18n	DXOBES	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Obesity __ Number of residents	Percent of residential care communities, by percent of residents with obesity	-9 = Not ascertained 1 = None 2 = 0.1 - 25% 3 = >25%	14.0 42.5 34.3 9.2	0.7 1.0 0.9 0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
			Percent of current residents with obesity across all residential care communities		8.1	0.3		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
18o	DXOSTEO	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Osteoporosis __ Number of residents	Percent of residential care communities, by percent of residents with osteoporosis	-9 = Not ascertained 1 = None 2 = 0.1 - 25% 3 = >25%	15.0 27.8 31.4 25.8	0.7 0.9 0.9 0.9	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
			Percent of current residents with osteoporosis across all residential care communities		23.7	0.6		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
18p	DXPARK	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Parkinson's disease __ Number of residents	Percent of residential care communities, by percent of residents with Parkinson's disease	-9 = Not ascertained 1 = None 2 = 0.1 - 10% 3 = >10%	14.1 44.5 25.9 15.5	0.7 1.0 0.6 0.8	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
			Percent of current residents with Parkinson's disease across all residential care communities		5.0	0.2		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.

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18q	DXSMI	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Severe mental illness, such as schizophrenia and psychosis __ Number of residents	Percent of residential care communities, by percent of residents with severe mental illness, such as schizophrenia and psychosis	-9 = Not ascertained	13.9	0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	55.8	1.0		
				2 = 0.1 - 10%	12.2	0.5		
				3 = >10%	18.0	0.8		
			Percent of current residents with severe mental illness, such as schizophrenia and psychosis across all residential care communities		5.7	0.4		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
18r	DXTBI	Of the residents currently living in this residential care community, about how many have been diagnosed with each of the following conditions? Enter "0" for any categories with no residents. Traumatic brain injury __ Number of residents	Percent of residential care communities, by percent of residents with traumatic brain injury	-9 = Not ascertained	14.5	0.7	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	69.0	0.9		
				2 = 0.1 - 10%	10.0	0.5		
				3 = >10%	6.5	0.6		
			Percent of current residents with traumatic brain injury across all residential care communities		1.3	0.1		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
19	EMERNUM	Of the residents currently living in this residential care community, about how many were treated in a hospital emergency department in the last 90 days? If none, enter "0." __ Number of residents	Percent of residential care communities, by percent of residents treated in a hospital emergency room in the last 30 days	-9 = Not ascertained	6.9	0.5	All	Collected as continuous variable; recoded the variable to provide estimates in categories. It is possible that the same resident may have been counted more than once, if respondents counted hospital emergency department visits instead of residents treated in a hospital emergency department.
				1 = None	24.8	0.9		
				2 = 0.1 - 25%	53.3	0.9		
				3 = >25%	15.0	0.8		
			Percent of current residents treated in a hospital emergency room in the last 30 days across all residential care communities		14.2	0.3		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.

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20	OVRNITE	Of the residents currently living in this residential care community, about how many were discharged from an overnight hospital stay in the last 90 days ? Exclude trips to the hospital emergency department that did not result in an overnight hospital stay. If none, enter "0." __ Number of residents	Percent of residential care communities, by percent of residents discharged from an overnight hospital stay in the last 90 days	-9 = Not ascertained	7.0	0.5	All	Collected as continuous variable; recoded the variable to provide estimates in categories. It is possible that the same resident may have been counted more than once, if respondents counted hospitalizations instead of residents hospitalized.
				1 = None	41.1	0.9		
				2 = 0.1 - 25%	45.4	0.9		
				3 = >25%	6.5	0.6		
			Percent of current residents discharged from an overnight hospital stay in the last 90 days across all residential care communities		8.3	0.2		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
21	READMIT	Of the residents who were discharged from an overnight hospital stay in the last 90 days, about how many of those residents were re-admitted to the hospital for an overnight stay within 30 days of their hospital discharge? If none, enter "0." __ Number of residents	Percent of residential care communities, by percent of residents who were re-admitted to the hospital for an overnight stay within 30 days of their hospital discharge	-9 = Not ascertained	7.2	0.5	if OVRNITE>=1	Collected as continuous variable; recoded the variable to provide estimates in categories. It is possible that the same resident may have been counted more than once, if respondents counted readmissions instead of residents rehospitalized.
				-1 = Legitimate skip	41.1	0.9		
				1 =None	33.1	0.9		
				2 = 0.1 - 10%	14.5	0.5		
				3 = >10%	4.2	0.5		
			Percent of current residents readmitted to the hospital for an overnight stay within 30 days of their hospital discharge, among current residents who were discharged from an overnight hospital stay in the last 90 days		18.6	0.7	Used OVRNITE as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.	

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22	HOSPICE	Of the residents currently living in this residential care community, about how many have elected and are now receiving hospice care? If none, enter "0." __ Number of residents	Percent of residential care communities, by percent of residents receiving hospice care	-9 = Not ascertained	6.5	0.5	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	42.9	1.0		
				2 = 0.1 - 10%	21.5	0.6		
				3 = >10%	29.0	1.0		
			Percent of current residents receiving hospice care across all residential care communities		6.5	0.2		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
Version A: 23	FALLNUM	As best you know, about how many of the residents had a fall in the last 90 days? Please include falls that occurred in your residential care community or off-site, whether or not the resident was injured, and whether or not anyone saw the resident fall or caught them. Please just count one fall per resident who fell, even if the resident fell more than one time. If one of your residents fell during the last 90 days , but is currently in the hospital or rehabilitation facility, please include that person in your count. If no residents had a fall, enter "0." __ Number of residents	Percent of residential care communities, by percent of residents who had any falls in the last 90 days	-9 = Not ascertained	7.8	0.8	QVERSION=1 (if Questionnaire version = A)	Collected as continuous variable; recoded the variable to provide estimates in categories. It is possible that the same resident may have been counted more than once, if respondents counted falls instead of residents having one or more falls.
				1 = None	31.9	1.3		
				2 = 0.1 - 25%	40.6	1.4		
				3 = >25%	19.7	1.1		

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Version A: 24a	HURT	As best as you know, about how many of the residents who fell in the last 90 days are in each of the following categories? If a resident had more than one fall in the last 90 days, count only their most serious fall. Enter "0" for any categories with no residents. a. Had a fall resulting in some kind of injury, such as a broken bone (for example in a wrist, arm, or ankle), hip fracture, or head injury __ Number of residents	Percent of residential care communities, by percent of residents who had a fall resulting in some kind of injury in the last 90 days	-9 = Not ascertained	7.8	0.8	QVERSION=1 (if Questionnaire version = A) and FALLNUM = -9 or FALLNUM >0	Collected as continuous variable; recoded the variable to provide estimates in categories. It is possible that the same resident may have been counted more than once, if respondents counted injurious falls instead of residents having one or more such falls.
				-1 = Legitimate skip	31.9	1.3		
				1 = None	30.5	1.3		
				2 = 0.1 - 25%	22.9	0.8		
				3 = >25%	6.9	0.8		
			Percent of current residents who had a fall resulting in some kind of injury in the last 90 days across all residential care communities		3.2	0.2		
Percent of current residents who had a fall resulting in some kind of injury in the last 90 days among all current residents who had a fall in the last 90 days		15.0	0.9	Used FALLNUM as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.				
Version A: 24b	NOTHURT	As best as you know, about how many of the residents who fell in the last 90 days are in each of the following categories? If a resident had more than one fall in the last 90 days, count only their most serious fall. Enter "0" for any categories with no residents. b. Had a fall that did not result in some kind of injury __ Number of residents	Percent of residential care communities, by percent of residents who had a fall that did not result in some kind of injury in the last 90 days	-9 = Not ascertained	7.9	0.8	QVERSION=1 (if Questionnaire version = A) and FALLNUM = -9 or FALLNUM >0	Collected as continuous variable; recoded the variable to provide estimates in categories. It is possible that the same resident may have been counted more than once, if respondents counted non-injurious falls instead of residents having one or more such falls.
				-1 = Legitimate skip	31.9	1.3		
				1 = None	4.2	0.7		
				2 = 0.1 - 25%	12.2	0.8		
				3 = >25%	43.8	1.4		
			Percent of current residents who had a fall that did not result in some kind of injury in the last 90 days across all residential care communities		18.2	0.6		
Percent of current residents who had a fall that did not result in some kind of injury among all current residents who had a fall in the last 90 days, across all residential care communities		84.4	0.9	Used FALLNUM as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.				

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Version A: 25	FALLHOSP	As best you know, of the residents who fell in the last 90 days, about how many went to a hospital emergency department or were hospitalized as a result of a fall? Include hospital admissions and observations stays. If a resident had more than one fall in the last 90 days, count only their more serious fall. If none, enter "0." __ Number of residents	Percent of residential care communities, by percent of residents who went to a hospital emergency department or were hospitalized as a result of a fall in the last 90 days	-9 = Not ascertained	8.1	0.8	QVERSION=1 (if Questionnaire version = A) and FALLNUM = -9 or FALLNUM >0	Collected as continuous variable; recoded the variable to provide estimates in categories. It is possible that the same resident may have been counted more than once, if respondents counted falls resulting in hospitalizations instead of residents having one or more such falls.
				-1 = Legitimate skip	31.9	1.3		
				1 = None	24.2	1.2		
				2 = 0.1 - 25%	25.0	0.8		
				3 = >25%	10.8	1.0		
			Percent of current residents who went to a hospital emergency department or were hospitalized as a result of a fall in the last 90 days across all residential care communities		4.1	0.2		Used TOTRES as denominator. All cases that were legitimately skipped were coded as "0" indicating that they did not go to a hospital emergency department or were hospitalized as a result of a fall since they did not have a fall in the last 90 days. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
			Percent of current residents who went to a hospital emergency department or were hospitalized as a result of a fall among all current residents who had a fall in the last 90 days		19.1	1.0		Used FALLNUM as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.
Version A: 26	FALLTOOL	Fall risk assessment tools often address gait, mobility, strength, balance, cognition, vision, medications, and environmental factors. Examples of tools include but are not limited to CDC's "Stopping Elderly Accidents, Deaths & Injuries" or STEADI; Timed Up and Go or TUG test; 30-second chair stand test; and 4-stage balance test. Does this residential care community typically evaluate each resident's risk for falling using any fall risk assessment tool?	Percent of residential care communities, by use of fall risk assessment tool	-9 = Not ascertained	8.4	0.8	QVERSION=1 (if Questionnaire version = A)	
				1 = Yes, as standard practice with every resident	42.5	1.5		
				2 = Case by case, depending on each resident	29.8	1.4		
				3 = No	19.3	1.3		
Version A: 27	FALLREDUC	Fall reduction interventions may include but are not limited to environmental safety measures; medication reconciliation; exercise, gait, or balance training; and resident or family education. Does this residential care community currently use any formal fall reduction interventions?	Percent of residential care communities, by use of formal fall reduction interventions	-9 = Not ascertained	8.5	0.8	QVERSION=1 (if Questionnaire version = A)	
				1 = Yes	73.3	1.3		
				2 = No	18.2	1.2		
Version B: 23	ADINFO	Advance directives are written documentation and may include health care proxies, durable power of attorney, living wills, do not resuscitate (DNR) orders, or physician or medical orders for life-sustaining treatments (POLST or MOLST). Does this residential care community provide any information about advance directives to residents or their families?	Percent of residential care communities, by provision of information about advance directives to residents or their families	-9 = Not ascertained	5.6	0.7	QVERSION=2 (if Questionnaire version = B)	
				1 = Yes	86.7	1.0		
				2 = No	7.7	0.8		

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Version B: 24	ADSTATE	Does your state require your residential care community to provide information about advance directives to residents or their families?	Percent of residential care communities, by whether the state requires that residential care communities to provide information about advance directives to residents or their families	-9 = Not ascertained	5.5	0.6	QVERSION=2 (if Questionnaire version = B)	
				1 = Yes	56.6	1.4		
				2 = No	18.7	1.1		
				3 = Do not know	19.2	1.1		
Version B: 25	ADDOC	Does this residential care community typically maintain documentation of residents' advance directives or have documentation that an advance directive exists in resident files?	Percent of residential care communities, by maintenance of documentation about advance directives in resident files	-9 = Not ascertained	5.0	0.6	QVERSION=2 (if Questionnaire version = B)	
				1 = Yes	93.1	0.7		
				2 = No	1.9	0.4		
Version B: 26	ADFILE	Of the current residents, how many have documentation of an advance directive in their file? __ Number of residents	Percent of residential care communities, by percent of residents who had documentation of an advance directive on file	-9 = Not ascertained	7.3	0.7	QVERSION=2 (if Questionnaire version = B) and if ADDOC=1 or ADDOC=9	Collected as continuous variable; recoded the variable to provide estimates in categories.
				-1 = Legitimate skip	1.9	0.4		
				1 = None	3.0	0.5		
				2 = 0.1 - 25%	6.6	0.7		
				3 = >25%	81.2	1.1		
			Percent of current residents who had documentation of an advance directive on file across all residential care communities	76.6	1.2	Used TOTRES as denominator. All cases that were legitimately skipped were coded as "0" indicating that they did not have documentation of advance directives since they were in residential care community that did not typically maintain documentation for advance directives. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator.		

*Because of rounding, weighted percentages may not add to 100%.

**The standard errors (SE) were calculated using SAS-callable SUDAAN and match standard errors from STATA 14, except a few measures that are marked with @.

@ SE different in STATA.

2016 NSLTCP Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORIES	WEIGHTED PERCENTAGES AND COUNTS*	STANDARD ERRORS**	COMMUNITIES ASKED/ RECODED	ADDITIONAL NOTES
Version B: 27	ONLYDEM	Does this residential care community only serve adults with dementia or Alzheimer's disease? __ Yes __ No	Percent of residential care communities, by whether or not they only serve residents with dementia or Alzheimer's disease	-9 = Not ascertained	5.1	0.6	QVERSION=2 (if Questionnaire version = B)	
				1 = Yes	8.2	0.8		
				2 = No	86.7	1.0		
				Total number of licensed beds across residential care communities that only serve residents with dementia or Alzheimer's disease [@]	71,428	8504		
Version B: 28	DEMWING	Does this residential care community have a distinct unit, wing, or floor that is designated as a dementia or Alzheimer's Special Care Unit? __ Yes--> CONTINUE __ No-->SKIP TO QUESTION 14a	Percent of residential care communities, by whether or not they have a distinct unit, wing, or floor that is designated as a dementia or Alzheimer's Special Care Unit	-9 = Not ascertained	6.3	0.7	QVERSION=2 (if Questionnaire version = B) and ONLYDEM =2 or -9	
				-1 = Legitimate skip	8.2	0.8		
				1 = Yes	13.4	0.8		
				2 = No	72.1	1.1		
Version B: 28	DEMWING		Total number of current residents in residential care communities that have a distinct unit, wing, or floor that is designated as a dementia or Alzheimer's Special Care Unit [@]		271,200	7499		
				Percent of current residents across all residential care communities have a distinct unit, wing, or floor that is designated as a dementia or Alzheimer's Special Care Unit	33.4	0.9		Used TOTRES as denominator. All cases with missing data were removed from the numerator and denominator when calculating the ratio, resulting in a difference with the result if the missing cases were included in the denominator (271,200/811,451).

*Because of rounding, weighted percentages may not add to 100%.

**The standard errors (SE) were calculated using SAS-callable SUDAAN and match standard errors from STATA 14, except a few measures that are marked with @.

@ SE different in STATA.

2016 NSLTCP Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORIES	WEIGHTED PERCENTAGES AND COUNTS*	STANDARD ERRORS**	COMMUNITIES ASKED/ RECODED	ADDITIONAL NOTES
Frame	Region	Census Region	Percent of residential care communities, by Census Region	1= Northeast	8.6	0.1	All	
				2= Midwest	22.6	0.1		
				3 = South	28.0	0.1		
				4= West	40.8	0.1		
Frame	MSA	Metropolitan statistical area status	Percent of residential care communities, by MSA status	1= Metropolitan	82.5	0.6	All	
				2= Micropolitan	10.6	0.5		
				3= Neither	6.9	0.4		

*Because of rounding, weighted percentages may not add to 100%.

**The standard errors (SE) were calculated using SAS-callable SUDAAN and match standard errors from STATA 14, except a few measures that are marked with @.

@ SE different in STATA.