

Long-Term Care Providers and Services Users in the United States, Residential Care Component: National Post-acute and Long-term Care Study, 2020

Weighted National Estimates and Standard Errors

The following table provides the weighted estimates and associated standard errors for selected variables from the residential care community (RCC) component of the 2020 National Post-acute and Long-term Care Study (NPALS). The standard errors presented here were calculated using SAS-callable SUDAAN and match standard errors from STATA 17, except a few variables. Data from the 2020 NPALS are restricted to maintain confidentiality of respondents and can only be accessed through the National Center for Health Statistics' (NCHS) Research Data Center. Among the many variables reported in the RCC component of NPALS, here are a few key estimates: as of 2020, there were 30,600 residential care communities in the United States, with a total of 1,197,600 beds and 818,800 current residents. Readers are encouraged to look at the attached table for many other estimates from NPALS.

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 RCC level, to make the data more useful, we have converted RCC-level variables to resident-level measures wherever applicable. For instance, the MEDPAIDrc variable on page 2 is used to provide the following set of measures:

1. Percentage of residential care communities, by percent of residents who had some or all their long-term care services paid by Medicaid in the last 30 days. This RCC-level measure was obtained directly from the following 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?”



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. Percentage of current residents across all RCCs 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 2020 RCC questionnaire can be accessed at: <https://www.cdc.gov/nchs/npals/questionnaires.htm>.

For most 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 2020 NPALS in general, and the RCC component in particular, can be accessed at: <https://www.cdc.gov/nchs/data/npals/2020-NPALS-methodology-documentation-508.pdf>.

Suggested citation

Melekin A, Lu Z, Singh P, Lendon JP, Caffrey C, Sengupta M. Long-term care providers and services users in the United States—Residential care component: National Post-acute and Long-term Care Study, 2020: Weighted national estimates and standard errors. Hyattsville, MD: National Center for Health Statistics. 2022.

2020 National Post-acute and Long-term Care Study Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
2	OWNERSHPrc	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	Percentage of residential care communities, by ownership type	-9 = Not ascertained	0.9	0.22	All	Used frame information to recode 15 cases with missing data.
				1 = Nonprofit, government (federal, state, local)	18.0	0.75		
				2 = For profit (including publicly traded company or limited liability company)	81.1	0.78		
4	BEDSrc	At this residential care community, what is the number of licensed, registered, or certified residential care beds? <i>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."</i> ___ Number of beds	Percentage of residential care communities, by bed size categories (total number of beds in the community)	1 = 4–10 beds	42.7	0.33	All	Total number of residential care communities: 30,577. Collected as a continuous variable; recoded the variable to provide estimates in categories.
				2 = 11–25 beds	14.4	0.30		
				3 = 26–100 beds	32.9	0.36		
				4 = > 100 beds	10.0	0.21		
				Total number of beds ³	1,197,600.0	21,800.00		
7	TOTRES	What is the total number of residents currently living at this residential care community? <i>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."</i> ___ Number of residents	Percentage of residential care communities, by resident-size categories (total number of residents in the community)	1 = 1–25 residents	64.7	0.50	All	Collected as a continuous variable; recoded the variable to provide estimates in categories.
				2 = 26–100 residents	32.5	0.54		
				3 = > 100 residents	2.9	0.22		
				Total number of current residents in residential care communities ³	818,800.0	15,200.00		
10	CHAIN	Is this residential care community owned by a person, group, or organization that owns or manages two or more residential care communities? <i>This may include a corporate chain.</i> ___ Yes ___ No	Percentage of residential care communities, by chain affiliation status	-9 = Not ascertained	0.7	0.25	All	
				1 = Yes	61.0	1.13		
				2 = No	38.3	1.12		
11	MEDICAID	Is this residential care community authorized or otherwise set up to participate in Medicaid? ___ Yes ___ No	Percentage of residential care communities, by Medicaid participation status	-9 = Not ascertained	1.4	0.35	All	
				1 = Yes	43.0	0.92		
				2 = No	55.7	0.94		
12	MEDPAIDrc	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	Percentage 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	1.2	0.28	MEDICAID = 1	Collected as continuous variable; recoded the variable to provide estimates in categories.
				-1 = Inapplicable	55.7	0.94		
				1 = None	4.6	0.54		
				2 = 0.1%–50%	19.2	0.81		
				3 = > 50%	19.4	0.85		
				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 ³	141,800.0	5,000.00		
Percentage 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	17.5	0.66	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 (141,825/818,791).					

¹Because of rounding, weighted percentages may not add to 100%.

²The standard errors (SE) were calculated using SAS-callable SUDAAN and match standard errors from STATA 17; exceptions are noted.

³SE different in STATA.

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QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
13	ONLYDEM	Does this residential care community <u>only</u> serve adults with dementia or Alzheimer's disease? __ Yes __ No	Percentage of residential care communities, by whether or not they only serve residents with dementia or Alzheimer's disease	-9 = Not ascertained	0.1	0.11		
				1 = Yes	10.5	0.69		
				2 = No	89.4	0.70		
			Total number of licensed beds across residential care communities that only serve residents with dementia or Alzheimer's disease ³	89,300.0	3,100.00			
			Total number of current residents in residential care communities that only serve residents with dementia or Alzheimer's disease ³	61,800.0	2,300.00			
Percentage of current residents across all residential care communities that only serve residents with dementia or Alzheimer's disease	7.5	0.15	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 (61,750/818,791).					
14	DEMWWING	Does this residential care community have a distinct unit, wing, or floor that is designated as a dementia, Alzheimer's, or memory care unit? __ Yes __ No	Percentage 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	0.9	0.22	ONLYDEM = 2 or -9	
				-1 = Inapplicable	10.5	0.69		
				1 = Yes	18.2	0.63		
				2 = No	70.4	0.90		
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	338,500.0	7,500.00	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 (338,488/818,791).					
Percentage of current residents across all residential care communities that have a distinct unit, wing, or floor that is designated as a dementia or Alzheimer's Special Care Unit ³	41.3	0.49						
15	DEMBEDrc	How many licensed <u>beds</u> are in the dementia, Alzheimer's, or memory care unit, wing, or floor? <i>If this residential care community is licensed, registered, or certified by apartments or units, 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."</i> __ Number of beds	Total number of beds in residential care communities that have a distinct unit, wing, or floor that is designated as a dementia, Alzheimer's, or memory care unit		142,100.0	5,500.00	DEMWWING = 1	Recoded -1 to 0; excluded missing.
16a	DEMRRATIO	Does this dementia or Alzheimer's Special Care Unit have... MARK YES OR NO IN EACH ROW a. higher staff-to-resident ratios compared to other units? __ Yes __ No	Percentage of residential care communities, by whether the dementia or Alzheimer's Special Care Units have higher staff-to-resident ratios compared with other units	-9 = Not ascertained	1.0	0.24	DEMWWING = 1	
				-1 = Inapplicable	80.9	0.66		
				1 = Yes	16.7	0.60		
				2 = No	1.4	0.25		
16b	DEMTRAIN	Does this dementia or Alzheimer's Special Care Unit have... MARK YES OR NO IN EACH ROW b. specially trained staff for residents with dementia or Alzheimer's disease? __ Yes __ No	Percentage of residential care communities, by whether the dementia or Alzheimer's Special Care Units have specially trained staff for residents with dementia or Alzheimer's disease	-9 = Not ascertained	1.0	0.24	DEMWWING = 1	
				-1 = Inapplicable	80.9	0.66		
				1 = Yes	17.5	0.63		
				2 = No	0.5	0.11		

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17	EHRS	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 EHRs? __ Yes __ No	Percentage of residential care communities that use electronic health records	-9 = Not ascertained	0.9	0.27	All	
				1 = Yes	40.3	0.86		
				2 = No	58.8	0.89		
18a	ITMDrc	Does this residential care community's computerized system support electronic health information exchange with each of the following providers? Do not include faxing. MARK YES OR NO IN EACH ROW a. Physician __ Yes __ No	Percentage of residential care communities, by whether they have a computerized system that supports electronic health information exchange with physicians	-9 = Not ascertained	2.8	0.44	All	
				1 = Yes	17.1	0.81		
				2 = No	80.2	0.89		
18b	ITPHARMrc	Does this residential care community's computerized system support electronic health information exchange with each of the following providers? Do not include faxing. MARK YES OR NO IN EACH ROW b. Pharmacy __ Yes __ No	Percentage of residential care communities, by whether they have a computerized system that supports electronic health information exchange with pharmacies	-9 = Not ascertained	2.8	0.44	All	
				1 = Yes	32.1	0.95		
				2 = No	65.2	1.00		
18c	ITHOSPrc	Does this residential care community's computerized system support electronic health information exchange with each of the following providers? Do not include faxing. MARK YES OR NO IN EACH ROW c. Hospital __ Yes __ No	Percentage of residential care communities, by whether they have a computerized system that supports electronic health information exchange with hospitals	-9 = Not ascertained	2.8	0.44	All	
				1 = Yes	6.7	0.54		
				2 = No	90.6	0.68		
18d	ITNHrc	Does this residential care community's computerized system support electronic health information exchange with each of the following providers? Do not include faxing. MARK YES OR NO IN EACH ROW d. Skilled nursing facility, nursing home, or inpatient rehabilitation facility __ Yes __ No	Percentage of residential care communities, by whether they have a computerized system that supports electronic health information exchange with skilled nursing facility, nursing home, or inpatient rehabilitation facility	-9 = Not ascertained	2.8	0.44	All	
				1 = Yes	10.5	0.57		
				2 = No	86.8	0.71		
18e	ITLTCOTHrc	Does this residential care community's computerized system support electronic health information exchange with each of the following providers? Do not include faxing. MARK YES OR NO IN EACH ROW e. Other long-term care provider __ Yes __ No	Percentage of residential care communities, by whether they have a computerized system that supports electronic health information exchange with other long-term care providers	-9 = Not ascertained	2.8	0.44	All	
				1 = Yes	5.9	0.55		
				2 = No	91.3	0.68		
DERIVED from 18a, 18b, 18c, 18d, 18e [ITMDrc, ITPHARMrc, ITHOSPrc, ITNURSrc, ITLTCOTHrc]	ANYEX	Does this residential care community's computerized system support electronic health information exchange with any of the following providers? Do not include faxing. MARK YES OR NO IN EACH ROW a. Physician b. Pharmacy c. Hospital d. Skilled nursing facility, nursing home, or inpatient rehabilitation facility e. Other long-term care provider	Percentage 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	2.8	0.44	All	
				1 = Yes	37.1	0.98		
				2 = No	60.1	1.03		

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19	ADDOC	Does this residential care community typically maintain documentation of residents' advance directives or have documentation that an advance directive exists in resident files? __ Yes __ No	Percentage of residential care communities, by whether the residential care community maintains documentation about advance directives in resident files	-9 = Not ascertained	0.4	0.15	All	
				1 = Yes	96.3	0.51		
				2 = No	3.2	0.49		
20	ADFILErc	Of the current residents, how many have documentation of an advance directive in their file? If none, enter "0." __ Number of residents	Percentage of residential care communities, by percent of residents who had documentation of an advance directive on file	-9 = Not ascertained	3.9	0.44	if ADDOC = 1 or ADDOC = -9	Collected as continuous variable; recoded to provide estimates in categories.
				-1 = Inapplicable	3.2	0.49		
				1 = None	3.8	0.47		
				2 = 0.1%–25%	4.7	0.45		
				3 = > 25%	84.3	0.85		
				Percentage of current residents who had documentation of an advance directive on file across all residential care communities	77.6	0.85		
21a	ICPEOP	Does this residential care community have the following infection control policies and practices? MARK YES OR NO IN EACH ROW a. Have a written Emergency Operations Plan that is specific to or includes pandemic response __ Yes __ No	Percentage of residential care communities, by whether the residential care communities have written Emergency Operations Plan that is specific to or includes pandemic response	-9 = Not ascertained	0.9	0.21	All	
				1 = Yes	93.9	0.59		
				2 = No	5.2	0.56		
21b	ICPCOORD	Does this residential care community have the following infection control policies and practices? MARK YES OR NO IN EACH ROW b. Have a designated staff member or consultant responsible for coordinating the infection control program __ Yes __ No	Percentage of residential care communities, by whether the residential care communities have designated staff member or consultant responsible for coordinating the infection control program	-9 = Not ascertained	1.3	0.29	All	
				1 = Yes	90.7	0.73		
				2 = No	8.1	0.68		
21c	ICPFLUPART	Does this residential care community have the following infection control policies and practices? MARK YES OR NO IN EACH ROW c. Offer annual influenza vaccination to residents __ Yes __ No	Percentage of residential care communities, by whether the residential care communities offer annual influenza vaccination to residents	-9 = Not ascertained	1.3	0.30	All	
				1 = Yes	86.1	0.89		
				2 = No	12.6	0.86		
21d	ICPFLUSTAFF	Does this residential care community have the following infection control policies and practices? MARK YES OR NO IN EACH ROW d. Offer annual influenza vaccination to all employees or contract staff __ Yes __ No	Percentage of residential care communities, by whether the residential care communities offer annual influenza vaccination to all employees or contract staff	-9 = Not ascertained	0.9	0.24	All	
				1 = Yes	77.1	1.04		
				2 = No	22.0	1.03		
Derived from 22a	SERVHOSPR	Services currently offered by this residential care community can include services offered at this physical location or virtually (online or by telephone). For each service listed below... MARK ALL THAT APPLY IN EACH ROW This residential care community a. Hospice services __ Provides the service by paid residential care community employees __ Arranges for the service to be provided by outside service providers __ Refers residents or family to outside service providers __ Temporarily does not provide, arrange, or refer for this service __ Does not provide, arrange, or refer for this service	Percentage of residential care communities, by whether or not they provide hospice services	-9 = Not ascertained	2.9	0.44	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	73.7	1.04		
				2 = Referral only	17.1	0.86		
				3 = Neither provided nor referral given	6.3	0.61		"Neither provided nor referral given" includes the residential care community, 'Temporarily does not provide, arrange, or refer for this service', and 'Does not provide, arrange, or refer for this service'.

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Derived from 22b	SERVSOCWR	<p>Services currently offered by this residential care community can include services offered at this physical location or virtually (online or by telephone). For each service listed below... MARK ALL THAT APPLY IN EACH ROW</p> <p>This residential care community ...</p> <p>b. Social work services—provided by licensed social workers or people 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, support groups, and referral services</p> <p>___Provides the service by paid residential care community employees ___Arranges for the service to be provided by outside service providers ___Refers residents or family to outside service providers ___Temporarily does not provide, arrange, or refer for this service ___Does not provide, arrange, or refer for this service</p>	Percentage of residential care communities, by whether or not they provide social work services	-9 = Not ascertained	4.1	0.54	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	48.6	1.18		
				2 = Referral only	26.0	1.03		
				3 = Neither provided nor referral given	21.4	0.97		
Derived from 22c	SERVMHR	<p>Services currently offered by this residential care community can include services offered at this physical location or virtually (online or by telephone). For each service listed below... MARK ALL THAT APPLY IN EACH ROW</p> <p>This residential care community ...</p> <p>c. Mental or behavioral health services—target residents' mental, emotional, psychological, or psychiatric well-being and may include diagnosing, describing, evaluating, and treating mental conditions</p> <p>___Provides the service by paid residential care community employees ___Arranges for the service to be provided by outside service providers ___Refers residents or family to outside service providers ___Temporarily does not provide, arrange, or refer for this service ___Does not provide, arrange, or refer for this service</p>	Percentage of residential care communities, by whether or not they provide mental health services	-9 = Not ascertained	3.2	0.46	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	55.1	1.16		
				2 = Referral only	25.8	1.02		
				3 = Neither provided nor referral given	15.8	0.93		
Derived from 22d	SERVTXR	<p>Services currently offered by this residential care community can include services offered at this physical location or virtually (online or by telephone). For each service listed below... MARK ALL THAT APPLY IN EACH ROW</p> <p>This residential care community ...</p> <p>d. Therapy services - physical, occupational, or speech therapies</p> <p>___Provides the service by paid residential care community employees ___Arranges for the service to be provided by outside service providers ___Refers residents or family to outside service providers ___Temporarily does not provide, arrange, or refer for this service ___Does not provide, arrange, or refer for this service</p>	Percentage of residential care communities, by whether or not they provide therapeutic services	-9 = Not ascertained	2.7	0.43	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	72.8	1.06		
				2 = Referral only	17.8	0.91		
				3 = Neither provided nor referral given	6.7	0.67		
Derived from 22e	SERVRXR	<p>Services currently offered by this residential care community can include services offered at this physical location or virtually (online or by telephone). For each service listed below... MARK ALL THAT APPLY IN EACH ROW</p> <p>This residential care community ...</p> <p>e. Pharmacy services—including filling of or delivery of prescriptions</p> <p>___Provides the service by paid residential care community employees ___Arranges for the service to be provided by outside service providers ___Refers residents or family to outside service providers ___Temporarily does not provide, arrange, or refer for this service ___Does not provide, arrange, or refer for this service</p>	Percentage of residential care communities, by whether or not they provide pharmacy services	-9 = Not ascertained	2.5	0.39	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	84.1	0.90		
				2 = Referral only	9.5	0.73		
				3 = Neither provided nor referral given	3.9	0.53		
Derived from 22f	SERVDIETR	<p>Services currently offered by this residential care community can include services offered at this physical location or virtually (online or by telephone). For each service listed below... MARK ALL THAT APPLY IN EACH ROW</p> <p>This residential care community ...</p> <p>f. Dietary and nutritional services</p> <p>___Provides the service by paid residential care community employees ___Arranges for the service to be provided by outside service providers ___Refers residents or family to outside service providers ___Temporarily does not provide, arrange, or refer for this service ___Does not provide, arrange, or refer for this service</p>	Percentage of residential care communities, by whether or not they provide dietary and nutritional services	-9 = Not ascertained	3.7	0.49	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	79.3	1.00		
				2 = Referral only	8.8	0.75		
				3 = Neither provided nor referral given	8.2	0.73		

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Derived from 22g	SERVNURSR	Services currently offered by this residential care community can include services offered at this physical location or virtually (online or by telephone). For each service listed below... MARK ALL THAT APPLY IN EACH ROW This residential care community g. Skilled nursing services —must be performed by an RN, LPN or LVN and are medical in nature ___ Provides the service by paid residential care community employees ___ Arranges for the service to be provided by outside service providers ___ Refers residents or family to outside service providers ___ Temporarily does not provide, arrange, or refer for this service ___ Does not provide, arrange, or refer for this service	Percentage of residential care communities, by whether or not they provide skilled nursing services	-9 = Not ascertained	3.6	0.50	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	62.3	1.12		
				2 = Referral only	18.1	0.90		
				3 = Neither provided nor referral given	16.0	0.87		
Derived from 22h	SERVAPPTR	Services currently offered by this residential care community can include services offered at this physical location or virtually (online or by telephone). For each service listed below... MARK ALL THAT APPLY IN EACH ROW This residential care community h. Transportation services for medical or dental appointments ___ Provides the service by paid residential care community employees ___ Arranges for the service to be provided by outside service providers ___ Refers residents or family to outside service providers ___ Temporarily does not provide, arrange, or refer for this service ___ Does not provide, arrange, or refer for this service	Percentage of residential care communities, by whether or not they provide transportation services for medical or dental appointments	-9 = Not ascertained	2.8	0.42	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	78.4	1.03		
				2 = Referral only	10.7	0.79		
				3 = Neither provided nor referral given	8.1	0.71		
23	OMBUDS	<i>The Long-Term Care Ombudsman Program is an advocacy program that serves people living in long-term care facilities. The program works to resolve resident problems, and provides information to residents, their families, and facility staff about resident rights, care, and quality of life. During the last 12 months, how often did a Long-Term Care Ombudsman Program representative assist or visit this residential care community? MARK ONLY ONE ANSWER</i> ___ At least once every 3 months ___ Less than once every 3 months ___ A representative assisted or visited, but unsure how often ___ A representative did not assist or visit in the last 12 months ___ Don't know if a representative assisted or visited in the last 12 months	Percentage of residential care communities, by frequency of ombudsman visits to the residential care community	-9 = Not ascertained	2.7	0.43	All	
				1 = At least once every 3 months	25.4	0.98		
				2 = Less than once every 3 months	12.3	0.73		
				3 = A representative assisted or visited, but unsure how often	23.6	0.97		
				4 = A representative did not assist or visit in the last 12 months	26.3	0.99		
				5 = Don't know if a representative assisted or visited in the last 12 months	9.8	0.65		
24a	OMVISIT	During the last 12 months, what did the representative do for this residential care community? MARK YES OR NO IN EACH ROW a. Visited residents in-person	Percentage of residential care communities, by whether an ombudsman visited the community in person	-9 = Not ascertained	5.1	0.58	If OMBUDS = 1 or OMBUDS = 2 or OMBUDS = 3 or OMBUDS = -9	
				-1 = Inapplicable	36.0	1.03		
				1 = Yes	39.5	1.09		
				2 = No	19.4	0.88		
24b	OMREMOT	During the last 12 months, what did the representative do for this residential care community? MARK YES OR NO IN EACH ROW b. Contacted or interacted with residents remotely	Percentage of residential care communities, by whether an ombudsman contacted or interacted with residents remotely	-9 = Not ascertained	5.6	0.59	If OMBUDS = 1 or OMBUDS = 2 or OMBUDS = 3 or OMBUDS = -9	
				-1 = Inapplicable	36.0	1.03		
				1 = Yes	31.6	1.05		
				2 = No	26.9	1.01		
24c	OMRESP	During the last 12 months, what did the representative do for this residential care community? MARK YES OR NO IN EACH ROW c. Responded to resident complaints	Percentage of residential care communities, by whether an ombudsman responded to resident complaints	-9 = Not ascertained	6.7	0.65	If OMBUDS = 1 or OMBUDS = 2 or OMBUDS = 3 or OMBUDS = -9	
				-1 = Inapplicable	36.0	1.03		
				1 = Yes	31.2	1.02		
				2 = No	26.1	1.02		

¹Because of rounding, weighted percentages may not add to 100%.

²The standard errors (SE) were calculated using SAS-callable SUDAAN and match standard errors from STATA 17; exceptions are noted.

2020 National Post-acute and Long-term Care Study Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
24d	OMWORK	During the last 12 months, what did the representative do for this residential care community? MARK YES OR NO IN EACH ROW d. Worked with resident or family councils—including attending meetings	Percentage of residential care communities, by whether an ombudsman worked with resident or family councils—including attending meetings	-9 = Not ascertained	6.7	0.65	If OMBUDS = 1 or OMBUDS = 2 or OMBUDS = 3 or OMBUDS = -9	
				-1 = Inapplicable	36.0	1.03		
				1 = Yes	14.2	0.81		
				2 = No	43.1	1.11		
24e	OMHELP	During the last 12 months, what did the representative do for this residential care community? MARK YES OR NO IN EACH ROW e. Responded to staff requests for help with resident issues or resident advocacy	Percentage of residential care communities, by whether an ombudsman responded to staff requests for help with resident issues or resident advocacy	-9 = Not ascertained	6.4	0.64	If OMBUDS = 1 or OMBUDS = 2 or OMBUDS = 3 or OMBUDS = -9	
				-1 = Inapplicable	36.0	1.03		
				1 = Yes	28.8	1.01		
				2 = No	28.7	1.05		
24f	OMEDUC	During the last 12 months, what did the representative do for this residential care community? MARK YES OR NO IN EACH ROW f. Provided information or education to staff on resident issues, such as resident rights, care, or services	Percentage of residential care communities, by whether an ombudsman provided information or education to staff on resident issues, such as resident rights, care, or services	-9 = Not ascertained	5.3	0.58	If OMBUDS = 1 or OMBUDS = 2 or OMBUDS = 3 or OMBUDS = -9	
				-1 = Inapplicable	36.0	1.03		
				1 = Yes	34.7	1.08		
				2 = No	24.0	0.96		
24g	OMRECS	During the last 12 months, what did the representative do for this residential care community? MARK YES OR NO IN EACH ROW g. Recommended processes to improve resident rights, care, or quality of life	Percentage of residential care communities, by whether an ombudsman recommended processes to improve resident rights, care, or quality of life	-9 = Not ascertained	5.9	0.61	If OMBUDS = 1 or OMBUDS = 2 or OMBUDS = 3 or OMBUDS = -9	
				-1 = Inapplicable	36.0	1.03		
				1 = Yes	30.1	1.05		
				2 = No	28.0	1.02		
24h	OMOTH	During the last 12 months, what did the representative do for this residential care community? MARK YES OR NO IN EACH ROW h. Other	Percentage of residential care communities, by whether an ombudsman did any other activity	-9 = Not ascertained	16.2	0.91	If OMBUDS = 1 or OMBUDS = 2 or OMBUDS = 3 or OMBUDS = -9	
				-1 = Inapplicable	36.0	1.03		
				1 = Yes	11.7	0.77		
				2 = No	36.1	1.07		
25a [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. a. Male __ Number of residents	Percentage of residential care communities, by percent of male residents	1 = None	12.8	0.89	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%	33.0	1.06		
				3 = 25.1%–50%	39.8	1.11		
				4 = 50.1%–75%	10.0	0.75		
				5 = > 75%	4.3	0.53		
				Percentage of current male residents across all residential care communities		30.5		
25b [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. b. Female __ Number of residents	Percentage of residential care communities, by percent of female residents	1 = None	2.4	0.42	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%	3.9	0.52		
				3 = 25.1%–50%	13.2	0.87		
				4 = 50.1%–75%	40.3	1.09		
				5 = > 75%	40.2	1.16		
				Percentage of current female residents across all residential care communities		69.5		
26a [IMPUTED]	AG64LESSrc	Of the residents currently living in this residential care community, what is the age breakdown? Enter "0" for any categories with no residents. a. Under 65 years __ Number of residents	Percentage of residential care communities, by percent of residents younger than 65 years	1 = None	59.4	1.11	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%	17.8	0.61		
				3 = > 10%	22.8	1.01		
				Percentage of current residents younger than 65 years across all residential care communities		5.8		

¹Because of rounding, weighted percentages may not add to 100%.

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QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
26b [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. b. 65–74 years __ Number of residents	Percentage of residential care communities, by percent of residents aged 65–74 years	1 = None	34.4	1.09	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%	46.3	1.02		
				3 = 25.1%–50%	14.5	0.85		
				4 = > 50%	4.8	0.57		
				Percentage of current residents aged 65–74 years across all residential care communities	13.4	0.42		
26c [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. c. 75–84 years __ Number of residents	Percentage of residential care communities, by percent of residents aged 75–84 years	1 = None	18.1	0.99	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%	31.2	1.06		
				3 = 25.1%–50%	38.8	1.12		
				4 = > 50%	11.9	0.76		
				Percentage of current residents aged 75–84 years across all residential care communities	30.9	0.51		
26d [IMPUTED]	AG85SUPrc	Of the residents currently living in this residential care community, what is the age breakdown? Enter "0" for any categories with no residents. d. 85 years and over __ Number of residents	Percentage of residential care communities, by percent of residents aged 85 years or over	1 = None	13.9	0.88	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%	15.0	0.82		
				3 = 25.1%–50%	24.5	1.03		
				4 = > 50%	46.6	1.14		
				Percentage of current residents aged 85 years or over across all residential care communities	49.9	0.67		
27a [IMPUTED]	HISPANICrc	Of the residents currently living in this residential care community, what is the racial-ethnic breakdown? Count each resident only once. If a non-Hispanic resident falls under more than one category, please include them in the "Two or more races" category. Enter "0" for any categories with no residents. a. Hispanic or Latino, of any race __ Number of residents	Percentage of residential care communities, by percent of Hispanic (or Latino, of any race) residents	1 = None	74.0	0.95	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%	13.6	0.57		
				3 = > 10%	12.4	0.85		
				Percentage of current Hispanic (or Latino, of any race) residents across all residential care communities	2.9	0.18		
DERIVED from 27b, 27c, 27f, 27h (MULTIRACE AIAN NHOPI OTHERRACE) [IMPUTED]	MULTIRACE AIAN NHOPI OTHERRACE	Of the residents currently living in this residential care community, what is the racial-ethnic breakdown? Count each resident only once. If a non-Hispanic resident falls under more than one category, please include them in the "Two or more races" category. Enter "0" for any categories with no residents. b. Two or more races, not Hispanic or Latino c. American Indian or Alaska Native, not Hispanic or Latino (AIAN) f. Native Hawaiian or Other Pacific Islander, not Hispanic or Latino (NHOPI) h. Some other category reported in this residential care community's system __ Number of residents	Percentage 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	85.4	0.76	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%	7.7	0.44		
				3 = > 10%	6.9	0.65		
				Percentage 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	2.2	0.32		
27d [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. d. Asian, not Hispanic or Latino __ Number of residents	Percentage of residential care communities, by percent of non-Hispanic/Latino Asian residents	1 = None	81.2	0.83	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%	9.7	0.46		
				3 = > 10%	9.1	0.71		
				Percentage of current non-Hispanic/Latino Asian residents across all residential care communities	1.9	0.18		
27e [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. e. Black, not Hispanic or Latino __ Number of residents	Percentage of residential care communities, by percent of non-Hispanic/Latino Black residents	1 = None	68.3	1.02	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%	14.4	0.58		
				3 = > 10%	17.3	0.91		
				Percentage of current non-Hispanic/Latino black residents across all residential care communities	4.9	0.28		

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27g [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. g. White, not Hispanic or Latino __ Number of residents	Percentage of residential care communities, by percent of non-Hispanic/Latino White residents	1 = None	4.0	0.50	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%	17.5	0.97		
				3 = 74.1%–90%	17.6	0.94		
				4 = > 90%	60.9	1.11		
				Percentage of current non-Hispanic/Latino White residents across all residential care communities	88.0	0.50		
28a	DXALZrc	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. a. Alzheimer's disease or other dementias __ Number of residents	Percentage of residential care communities, by percent of residents with Alzheimer's disease or other dementias	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	9.9	0.73		
				2 = 0.1%–25%	16.8	0.77		
				3 = 25.1%–50%	26.7	1.05		
				4 = 50.1%–75%	15.7	0.89		
				5 = > 75%	22.4	1.04		
				Percentage of current residents with Alzheimer's disease or other dementias across all residential care communities	42.1	0.77		
28b	DXARTHrc	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. b. Arthritis __ Number of residents	Percentage of residential care communities, by percent of residents with Arthritis	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	22.9	1.04		
				2 = 0.1%–25%	24.1	0.98		
				3 = 25.1%–50%	19.1	0.93		
				4 = 50.1%–75%	10.8	0.69		
				5 = > 75%	14.4	0.83		
				Percentage of current residents with Arthritis	36.4	0.88		
28c	DXASTHrc	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. c. Asthma __ Number of residents	Percentage of residential care communities, by percent of residents with Asthma	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	50.7	1.03		
				2 = 0.1%–25%	36.3	0.99		
				3 = > 25%	4.5	0.47		
				Percentage of current residents with Asthma	6.8	0.23		
28d	DXKIDNrc	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. d. Chronic kidney disease __ Number of residents	Percentage of residential care communities, by percent of residents with Chronic kidney disease	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	43.5	1.05		
				2 = 0.1%–25%	37.6	1.00		
				3 = > 25%	10.4	0.72		
				Percentage of current residents with Chronic kidney disease	10.0	0.32		
28e	DXCOPDrc	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. e. COPD (Chronic bronchitis or emphysema) __ Number of residents	Percentage of residential care communities, by percent of residents with COPD	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	35.2	1.04		
				2 = 0.1%–25%	44.6	1.04		
				3 = > 25%	11.6	0.75		
				Percentage of current residents with COPD	12.2	0.32		

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28f	DXDEPrC	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. f. Depression ___ Number of residents	Percentage of residential care communities, by percent of residents with depression	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.			
				1 = None	20.3	1.00					
				2 = 0.1%–25%	27.0	1.00					
				3 = 25.1%–50%	25.0	1.00					
				4 = 50.1%–75%	11.3	0.75					
				5 = > 75%	8.0	0.68					
	Percentage of current residents with depression across all residential care communities		28.6	0.68	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.						
28g	DXDIABrC	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. g. Diabetes ___ Number of residents	Percentage of residential care communities, by percent of residents with diabetes	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.			
				1 = None	22.3	1.01					
				2 = 0.1%–25%	48.0	1.14					
				3 = > 25%	21.1	0.95					
					Percentage of current residents with diabetes across all residential care communities				16.9	0.35	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.
28h	DXCADIOrC	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. h. Heart disease (for example, congestive heart failure, coronary or ischemic heart disease, heart attack, stroke) ___ Number of residents	Percentage of residential care communities, by percent of residents with heart disease	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.			
				1 = None	19.9	1.01					
				2 = 0.1%–25%	27.4	1.04					
				3 = 25.1%–50%	27.1	1.02					
				4 = 50.1%–75%	10.9	0.68					
				5 = > 75%	6.1	0.57					
	Percentage of current residents with heart disease across all residential care communities		31.1	0.67	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.						
28i	DXHBPrC	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. i. High blood pressure or hypertension ___ Number of residents	Percentage of residential care communities, by percent of residents with high blood pressure or hypertension	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.			
				1 = None	10.6	0.80					
				2 = 0.1%–25%	11.9	0.77					
				3 = 25.1%–50%	27.7	1.08					
				4 = 50.1%–75%	22.4	0.92					
				5 = > 75%	18.9	0.96					
	Percentage of current residents with high blood pressure or hypertension across all residential care communities		47.9	0.78	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.						
28j	DXDDrC	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. j. Intellectual or developmental disability ___ Number of residents	Percentage of residential care communities, by percent of residents with intellectual or developmental disability	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.			
				1 = None	65.4	1.06					
				2 = 0.1%–25%	18.3	0.85					
				3 = > 25%	7.7	0.69					
					Percentage of current residents with intellectual or developmental disability across all residential care communities				3.7	0.25	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.
28k	DXOSTEOrC	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. k. Osteoporosis ___ Number of residents	Percentage of residential care communities, by percent of residents with osteoporosis	-9 = Not ascertained	8.6	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.			
				1 = None	36.0	1.08					
				2 = 0.1%–25%	34.0	1.04					
				3 = > 25%	21.4	0.95					
					Percentage of current residents with osteoporosis across all residential care communities				19.0	0.62	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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29	OPIOIDrc	For about how many of your current residents do you help store or manage their opioid pain medications? <i>Include reminders to take the opioid pain medication or handing the opioid pain medication to the residents to take. Examples include morphine, hydrocodone, oxycodone, codeine, fentanyl, and methadone, and combination opioid pain medications like hydrocodone, oxycodone, and codeine with acetaminophen. If none, enter "0."</i> __ Number of residents	Percentage of residential care communities, by percent of residents for whom the residential care community helps store/manage their opioid pain medications	-9 = Not ascertained	7.7	0.53	All	Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	29.9	1.08		
				2 = 0.1%–25%	31.2	0.99		
				3 = > 25%	31.2	1.07		
				Percentage of current residents for whom the residential care community helps store/manage their opioid pain medications	25.5	0.75		
30a [RECODED]	TRANSHELPr	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. a. With transferring in and out of a bed or chair __ Number of residents	Percentage of residential care communities, by percent of residents needing assistance with transferring in and out of bed	-9 = Not ascertained	7.5	0.50	All	Recoded missing as "0" unless responses to all response boxes for Question 30a–f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	14.4	0.72		
				2 = 0.1%–25%	21.8	0.85		
				3 = 25.1%–50%	21.3	0.98		
				4 = 50.1%–75%	16.5	0.94		
				5 = > 75%	18.6	1.00		
				Percentage of current residents needing assistance with transferring in and out of bed across all residential care communities	33.8	0.73		
30b [RECODED]	EATHHELPr	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. b. With eating, like cutting up food __ Number of residents	Percentage of residential care communities, by percent of residents needing assistance with eating	-9 = Not ascertained	7.5	0.50	All	Recoded missing as "0" unless responses to all response boxes for Question 30a–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	0.84		
				2 = 0.1%–25%	31.8	0.96		
				3 = 25.1%–50%	21.0	1.03		
				4 = 50.1%–75%	10.0	0.81		
				5 = > 75%	12.2	0.88		
				Percentage of current residents needing assistance with eating across all residential care communities	21.5	0.60		
30c [RECODED]	DRESHELPr	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. c. With dressing __ Number of residents	Percentage of residential care communities, by percent of residents needing assistance with dressing	-9 = Not ascertained	7.5	0.50	All	Recoded missing as "0" unless responses to all response boxes for Question 30a–f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	6.2	0.54		
				2 = 0.1%–25%	12.8	0.65		
				3 = 25.1%–50%	19.7	0.86		
				4 = 50.1%–75%	19.6	0.94		
				5 = > 75%	34.3	1.13		
				Percentage of current residents needing assistance with dressing across all residential care communities	49.2	0.81		
30d [RECODED]	BATHHELPr	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. d. With bathing or showering __ Number of residents	Percentage of residential care communities, by percent of residents needing assistance with bathing or showering	-9 = Not ascertained	7.5	0.50	All	Recoded missing as "0" unless responses to all response boxes for Question 30a–f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	2.8	0.38		
				2 = 0.1%–25%	5.1	0.42		
				3 = 25.1%–50%	12.6	0.68		
				4 = 50.1%–75%	16.6	0.80		
				5 = > 75%	55.5	1.04		
				Percentage of current residents needing assistance with bathing or showering across all residential care communities	64.3	0.87		

¹Because of rounding, weighted percentages may not add to 100%.

²The standard errors (SE) were calculated using SAS-callable SUDAAN and match standard errors from STATA 17; exceptions are noted.

2020 National Post-acute and Long-term Care Study Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
30e [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. e. With using the bathroom (toileting) ___ Number of residents	Percentage of residential communities, by percent of residents needing assistance in using the bathroom	-9 = Not ascertained	7.5	0.50	All	Recorded missing as "0" unless responses to all response boxes for Question 30a-f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	10.4	0.64		
				2 = 0.1%-25%	15.1	0.69		
				3 = 25.1%-50%	19.1	0.89		
				4 = 50.1%-75%	19.5	0.98		
				5 = > 75%	28.5	1.09		
	Percentage of current residents needing assistance in using the bathroom across all residential care communities		43.1	0.76	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.			
30f [RECODED]	WALKHELPrC	Assistance refers to needing any help or supervision from another person, or use of special equipment. 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. f. With locomotion or walking—this includes using a cane, walker, or wheelchair, and/or help from another person ___ Number of residents	Percentage of residential care communities, by percent of residents needing assistance with locomotion or walking	-9 = Not ascertained	7.5	0.50	All	Recorded missing as "0" unless responses to all response boxes for Question 30a-f were blank or missing. Otherwise, kept as missing (-9). Collected as continuous variable; recoded the variable to provide estimates in categories.
				1 = None	8.7	0.62		
				2 = 0.1%-25%	13.4	0.70		
				3 = 25.1%-50%	17.7	0.94		
				4 = 50.1%-75%	18.5	0.92		
				5 = > 75%	34.2	1.13		
	Percentage of current residents needing assistance with locomotion or walking across all residential care communities		49.9	0.96	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.			
31	EMERNUMrC	As best you know, 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	Percentage of residential care communities, by percent of residents treated in a hospital emergency room in the last 30 days	-9 = Not ascertained	8.4	0.56	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	29.3	1.04		
				2 = 0.1%-25%	49.6	1.05		
				3 = > 25%	12.7	0.83		
	Percentage of current residents treated in a hospital emergency room in the last 30 days across all residential care communities		13.6	0.28	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.			
32	OVRNITrC	As best you know, 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	Percentage of residential care communities, by percent of residents discharged from an overnight hospital stay in the last 90 days	-9 = Not ascertained	8.6	0.57	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	41.5	1.01		
				2 = 0.1%-25%	44.0	0.98		
				3 = > 25%	6.0	0.62		
	Percentage of current residents discharged from an overnight hospital stay in the last 90 days across all residential care communities		8.7	0.25	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.			
33	FALLNUMrC	As best you know, about how many of your current residents had a fall in the last 90 days ? 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	Percentage of residential care communities, by percent of residents who had any falls in the last 90 days	-9 = Not ascertained	9.2	0.59	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 falls instead of residents having one or more falls.
				1 = None	32.6	0.99		
				2 = 0.1%-25%	39.0	1.05		
				3 = > 25%	19.1	0.79		
	Percentage of current residents who had any fall in the last 90 days across all residential care communities		20.8	0.52	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.			

¹Because of rounding, weighted percentages may not add to 100%.

²The standard errors (SE) were calculated using SAS-callable SUDAAN and match standard errors from STATA 17; exceptions are noted.

2020 National Post-acute and Long-term Care Study Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
<p>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.</p>								
34a	ANYRN_EMP	<p>An individual is considered an <u>employee</u> if the residential care community is required to issue a Form W-2 federal tax form on their behalf. For <u>each</u> staff type below, indicate how many <u>full-time employees and part-time employees</u> this community <u>currently</u> has. <i>Include employees who work at this physical location or virtually (on-line or by telephone).</i> Enter "0" for any categories with no employees.</p> <p>a. Registered nurses (RNs) ___ Number of Full-time Employees ___ Number of Part-time Employees</p>	Percentage of residential care communities, by whether or not they have one or more RN employee FTEs	-9 = Not ascertained	7.0	0.53	All	Derived any Full-time/Part-time RN employee. Recoded missing to "0" unless both response boxes were missing or blank.
				1 = > 0%	40.3	0.99		
				2 = None	52.8	1.02		
34b	ANYLPN_EMP	<p>An individual is considered an <u>employee</u> if the residential care community is required to issue a Form W-2 federal tax form on their behalf. For <u>each</u> staff type below, indicate how many <u>full-time employees and part-time employees</u> this community <u>currently</u> has. <i>Include employees who work at this physical location or virtually (on-line or by telephone).</i> Enter "0" for any categories with no employees.</p> <p>b. Licensed practical nurses (LPNs)/Licensed vocational nurses (LVNs) ___ Number of Full-time Employees ___ Number of Part-time Employees</p>	Percentage of residential care communities, by whether or not they have one or more LPN/LVN employee FTEs	-9 = Not ascertained	7.0	0.53	All	Derived any Full-time/Part-time LPN/LVN employee. Recoded missing to "0" unless both response boxes were missing or blank.
				1 = > 0%	37.9	0.89		
				2 = None	55.2	0.91		
34c	ANYAIDE_EMP	<p>An individual is considered an <u>employee</u> if the residential care community is required to issue a Form W-2 federal tax form on their behalf. For <u>each</u> staff type below, indicate how many <u>full-time employees and part-time employees</u> this community <u>currently</u> has. <i>Include employees who work at this physical location or virtually (on-line or by telephone).</i> Enter "0" for any categories with no employees.</p> <p>c. Certified nursing assistants, nursing assistants, home health aides, home care aides, personal care aides, personal care assistants, and medication technicians or medication aides ___ Number of Full-time Employees ___ Number of Part-time Employees</p>	Percentage of residential care communities, by whether or not they have one or more aide employee FTEs	-9 = Not ascertained	7.1	0.54	All	Derived any Full-time/Part-time Aide employee. Recoded missing to "0" unless both response boxes were missing or blank.
				1 = > 0%	78.8	1.00		
				2 = None	14.1	0.89		
34d	ANYSOCW_EMP	<p>An individual is considered an <u>employee</u> if the residential care community is required to issue a Form W-2 federal tax form on their behalf. For <u>each</u> staff type below, indicate how many <u>full-time employees and part-time employees</u> this community <u>currently</u> has. <i>Include employees who work at this physical location or virtually (on-line or by telephone).</i> Enter "0" for any categories with no employees.</p> <p>d. Social workers—licensed social workers or people with a bachelor's or master's degree in social work ___ Number of Full-time Employees ___ Number of Part-time Employees</p>	Percentage of residential care communities, by whether or not they have one or more social work employee FTEs	-9 = Not ascertained	6.8	0.52	All	Derived any Full-time/Part-time Social Worker employee. Recoded missing to "0" unless both response boxes were missing or blank.
				1 = > 0%	6.0	0.41		
				2 = None	87.2	0.65		
34e	ANYACT_EMP	<p>An individual is considered an <u>employee</u> if the residential care community is required to issue a Form W-2 federal tax form on their behalf. For <u>each</u> staff type below, indicate how many <u>full-time employees and part-time employees</u> this community <u>currently</u> has. <i>Include employees who work at this physical location or virtually (on-line or by telephone).</i> Enter "0" for any categories with no employees.</p> <p>e. Activities directors or activities staff ___ Number of Full-time Employees ___ Number of Part-time Employees</p>	Percentage of residential care communities, by whether or not they have one or more activities director or staff employee FTEs	-9 = Not ascertained	7.0	0.53	All	Derived any Full-time/Part-time Activities Director employee. Recoded missing to "0" unless both response boxes were missing or blank.
				1 = > 0%	53.3	1.02		
				2 = None	39.7	0.99		

¹Because of rounding, weighted percentages may not add to 100%.

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2020 National Post-acute and Long-term Care Study Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
36a	ANYRN_CON	For each staff type below, indicate how many <u>full-time contract or agency staff and part-time contract or agency staff</u> this residential care community <u>currently</u> has. Do not include individuals directly employed by this residential care community. Enter "0" for any categories with no contract or agency staff. a. Registered nurses (RNs) ___Number of Full-time Contract or Agency Staff ___Number of Part-time Contract or Agency Staff	Percentage of residential care communities, by whether or not they have one or more RN contract staff FTEs	-9 = Not ascertained	7.2	0.54	All	Derived any Full-time/Part-time RN contract/agency staff. Recoded missing to "0" unless both response boxes were missing or blank.
				1 = > 0%	7.5	0.63		
				2 = None	85.4	0.81		
36b	ANYLPN_CON	For each staff type below, indicate how many <u>full-time contract or agency staff and part-time contract or agency staff</u> this residential care community <u>currently</u> has. Do not include individuals directly employed by this residential care community. Enter "0" for any categories with no contract or agency staff. b. Licensed practical nurses (LPNs)/licensed vocational nurses (LVNs) ___Number of Full-time Contract or Agency Staff ___Number of Part-time Contract or Agency Staff	Percentage of residential care communities, by whether or not they have one or more LPN contract staff FTEs	-9 = Not ascertained	7.2	0.54	All	Derived any Full-time/Part-time LPN/LVN contract/agency staff. Recoded missing to "0" unless both response boxes were missing or blank.
				1 = > 0%	3.7	0.44		
				2 = None	89.1	0.68		
36c	ANYAIDE_CON	For each staff type below, indicate how many <u>full-time contract or agency staff and part-time contract or agency staff</u> this residential care community <u>currently</u> has. Do not include individuals directly employed by this residential care community. Enter "0" for any categories with no contract or agency staff. c. Certified nursing assistants, nursing assistants, home health aides, home care aides, personal care aides, personal care assistants, and medication technicians or medication aides ___Number of Full-time Contract or Agency Staff ___Number of Part-time Contract or Agency Staff	Percentage of residential care communities, by whether or not they have one or more aide contract staff FTEs	-9 = Not ascertained	7.3	0.54	All	Derived any Full-Time/Part-Time Aide contract/agency staff. Recoded missing to "0" unless both response boxes were missing or blank.
				1 = > 0%	10.3	0.71		
				2 = None	82.4	0.85		
36d	ANYSOCW_CON	For each staff type below, indicate how many <u>full-time contract or agency staff and part-time contract or agency staff</u> this residential care community <u>currently</u> has. Do not include individuals directly employed by this residential care community. Enter "0" for any categories with no contract or agency staff. d. Social workers—licensed social workers or people with a bachelor's or master's degree in social work ___Number of Full-time Contract or Agency Staff ___Number of Part-time Contract or Agency Staff	Percentage of residential care communities, by whether or not they have one or more social work contract staff FTEs	-9 = Not ascertained	7.1	0.53	All	Derived any Full-time/Part-time contract/agency staff: Social Worker staff. Recoded missing to "0" unless both response boxes were missing or blank.
				1 = > 0%	2.1	0.37		
				2 = None	90.8	0.64		
36e	ANYACT_CON	For each staff type below, indicate how many <u>full-time contract or agency staff and part-time contract or agency staff</u> this residential care community <u>currently</u> has. Do not include individuals directly employed by this residential care community. Enter "0" for any categories with no contract or agency staff. e. Activities directors or activities staff ___Number of Full-time Contract or Agency Staff ___Number of Part-time Contract or Agency Staff	Percentage of residential care communities, by whether or not they have one or more activities director or contract staff FTEs	-9 = Not ascertained	7.1	0.53	All	Derived any Full-Time/Part-Time Activities director contract/agency staff. Recoded missing to "0" unless both response boxes were missing or blank.
				1 = > 0%	2.2	0.43		
				2 = None	90.7	0.67		
34a and 36a	ANYRN	34. An individual is considered an <u>employee</u> if the residential care community is required to issue a <u>Form W-2</u> federal tax form on their behalf. For each staff type below, indicate how many <u>full-time employees and part-time employees</u> this community <u>currently</u> has. Include employees who work at this physical location or virtually (on-line or by telephone). Enter "0" for any categories with no employees. a. Registered nurses (RNs) employees—Derived any FT/PT staff 36. For each staff type below, indicate how many <u>full-time contract or agency staff and part-time contract or agency staff</u> this residential care community <u>currently</u> has. Do not include individuals directly employed by this residential care community. Enter "0" for any categories with no contract or agency staff. a. Registered nurses (RNs) contractors—Derived any FT/PT staff	Percentage of residential care communities, by whether or not they have any full-time/part-time employee or any full-time/part-time contract staff RN FTEs	-9 = Not ascertained	6.3	0.49	All	Derived from ANYRN_EMP and ANYRN_CON - Any employee or contract/agency staff RN.
				1 = Yes	45.5	1.03		
				2 = No	48.2	1.04		

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2020 National Post-acute and Long-term Care Study Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
34b and 36b	ANYLPN	<p>34. An individual is considered an <u>employee</u> if the residential care community is required to issue a <u>Form W-2</u> federal tax form on their behalf. For each staff type below, indicate how many <u>full-time employees and part-time employees</u> this community <u>currently</u> has. Include employees who work at this physical location or virtually (on-line or by telephone). Enter "0" for any categories with no employees.</p> <p>b. Licensed practical nurses (LPNs)/licensed vocational nurses (LVNs) employees—Derived any FT/PT staff</p> <p>36. For each staff type below, indicate how many <u>full-time contract or agency staff and part-time contract or agency staff</u> this residential care community <u>currently</u> has. Do not include individuals directly employed by this residential care community. Enter "0" for any categories with no contract or agency staff.</p> <p>b. Licensed practical nurses (LPNs)/licensed vocational nurses (LVNs) contractors—Derived any FT/PT staff</p>	Percentage of residential care communities, by whether or not they have any full-time/part-time employee or any full-time/part-time contract staff LPN FTEs	-9 = Not ascertained	6.3	0.49	All	Derived from ANYLPN_EMP and ANYLPN_CON - Any employee or contract/agency staff LPN/LVN.
				1 = Yes	39.8	0.94		
				2 = No	53.9	0.94		
34c and 36c	ANYAIDE	<p>34. An individual is considered an <u>employee</u> if the residential care community is required to issue a <u>Form W-2</u> federal tax form on their behalf. For each staff type below, indicate how many <u>full-time employees and part-time employees</u> this community <u>currently</u> has. Include employees who work at this physical location or virtually (on-line or by telephone). Enter "0" for any categories with no employees.</p> <p>c. Certified nursing assistants, nursing assistants, home health aides, home care aides, personal care aides, personal care assistants, and medication technicians or medication aides employees—Derived any FT/PT staff</p> <p>36. For each staff type below, indicate how many <u>full-time contract or agency staff and part-time contract or agency staff</u> this residential care community <u>currently</u> has. Do not include individuals directly employed by this residential care community. Enter "0" for any categories with no contract or agency staff.</p> <p>c. Certified nursing assistants, nursing assistants, home health aides, home care aides, personal care assistants, and medication technicians or medication aides contractors—Derived any FT/PT staff</p>	Percentage of residential care communities, by whether or not they have any full-time/part-time employee or any full-time/part-time contract staff AIDE FTEs	-9 = Not ascertained	6.3	0.49	All	Derived from ANYAIDE_EMP and ANYAIDE_CON - Any employee or contract/agency staff AIDE.
				1 = Yes	80.4	0.96		
				2 = No	13.3	0.86		
34d and 36d	ANYSOCW	<p>34. An individual is considered an <u>employee</u> if the residential care community is required to issue a <u>Form W-2</u> federal tax form on their behalf. For each staff type below, indicate how many <u>full-time employees and part-time employees</u> this community <u>currently</u> has. Include employees who work at this physical location or virtually (on-line or by telephone). Enter "0" for any categories with no employees.</p> <p>d. Social workers—licensed social workers or people with a bachelor's or master's degree in social work employees—Derived any FT/PT staff</p> <p>36. For each staff type below, indicate how many <u>full-time contract or agency staff and part-time contract or agency staff</u> this residential care community <u>currently</u> has. Do not include individuals directly employed by this residential care community. Enter "0" for any categories with no contract or agency staff.</p> <p>d. Social workers—licensed social workers or people with a bachelor's or master's degree in social work contractors—Derived any FT/PT staff</p>	Percentage of residential care communities, by whether or not they have any full-time/part-time employee or any full-time/part-time contract staff social worker FTEs	-9 = Not ascertained	6.2	0.48	All	Derived from ANYSOCW_EMP and ANYSOCW_CON - Any employee or contract/agency staff SOCW.
				1 = Yes	7.6	0.52		
				2 = No	86.2	0.68		
34e and 36e	ANYACT	<p>34. An individual is considered an <u>employee</u> if the residential care community is required to issue a <u>Form W-2</u> federal tax form on their behalf. For each staff type below, indicate how many <u>full-time employees and part-time employees</u> this community <u>currently</u> has. Include employees who work at this physical location or virtually (on-line or by telephone). Enter "0" for any categories with no employees.</p> <p>e. Activities directors or activities staff—Derived any FT/PT staff</p> <p>36. For each staff type below, indicate how many <u>full-time contract or agency staff and part-time contract or agency staff</u> this residential care community <u>currently</u> has. Do not include individuals directly employed by this residential care community. Enter "0" for any categories with no contract or agency staff.</p> <p>e. Activities directors and activities staff contractors—Derived any FT/PT staff</p>	Percentage of residential care communities, by whether or not they have any full-time/part-time employee or any full-time/part-time contract staff activities director FTEs	-9 = Not ascertained	6.2	0.49	All	Derived from ANYACT_EMP and ANYACT_CON - Any employee or contract/agency Activities staff.
				1 = Yes	54.5	1.04		
				2 = No	39.3	0.99		

¹Because of rounding, weighted percentages may not add to 100%.

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2020 National Post-acute and Long-term Care Study Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
37a	CVDCASESRSc	Since January 2020, how many coronavirus disease (COVID-19) cases did this residential care community have among residents and among employees or contract staff? <i>Include only presumptive positive and confirmed cases.</i> Enter "0" if none or select don't know if you do not know the number. a. Residents—COVID-19 cases	Percentage of residential care communities, by percent of residents with COVID-19		143,035.9	5,044.08	All	Missing excluded.
37a [Recoded]	CVDHOSPRESrc	Since January 2020, how many coronavirus disease (COVID-19) cases did this residential care community have among residents and among employees or contract staff? <i>Include only presumptive positive and confirmed cases.</i> Enter "0" if none or select don't know if you do not know the number. a. Residents—COVID-19 cases—COVID-19 cases that resulted in a hospitalization	Percentage of residential care communities, by percent of residents with COVID-19 that resulted in a hospitalization	-9 = Not ascertained	11.1	0.66	if CVDCASESRSc > 0	Collected as a continuous variable; recoded the variable to provide estimates in categories.
				-1 = Inapplicable	51.1	0.99		
				1 = 0%	11.8	0.68		
				2 = 0.1%–25%	10.2	0.57		
				3 = > 25%	15.8	0.77		
	Percentage of residents with COVID-19 who were hospitalized		26.7	0.95		Used CVDCASESRSc as denominator; recoded -1 to 0; excluded missing.		
37a	CVDDEATHSRSc	Since January 2020, how many coronavirus disease (COVID-19) cases did this residential care community have among residents and among employees or contract staff? <i>Include only presumptive positive and confirmed cases.</i> Enter "0" if none or select don't know if you do not know the number. a. Residents—COVID-19 cases—COVID-19 cases that resulted in a hospitalization—COVID-19 cases that resulted in death	Percentage of residential care communities, by percent of residents with COVID-19 that resulted in a death	-9 = Not ascertained	11.2	0.66	if CVDCASESRSc > 0	Collected as a continuous variable; recoded the variable to provide estimates in categories.
				-1 = Inapplicable	51.1	0.99		
				1 = 0%	17.9	0.81		
				2 = 0.1%–25%	10.2	0.57		
				3 = > 25%	9.6	0.60		
	Percentage of residents with COVID-19 who died		19.1	0.63		Used CVDCASESRSc as denominator; recoded -1 to 0; excluded missing.		
37b	CVDCASESEMP	Since January 2020, how many coronavirus disease (COVID-19) cases did this residential care community have among residents and among employees or contract staff? <i>Include only presumptive positive and confirmed cases.</i> Enter "0" if none or select don't know if you do not know the number. b. Employees or contract staff—COVID-19 cases	Percentage of residential care communities, by percent of employees with COVID-19		118,828.3	3,284.66	All	Missing excluded.
37b	CVDHOSPSEMP	Since January 2020, how many coronavirus disease (COVID-19) cases did this residential care community have among residents and among employees or contract staff? <i>Include only presumptive positive and confirmed cases.</i> Enter "0" if none or select don't know if you do not know the number. b. Employees or contract staff—COVID-19 cases—COVID-19 cases that resulted in a hospitalization	Percentage of residential care communities, by percent of employees with COVID-19 that resulted in a hospitalization	-9 = Not ascertained	12.0	0.67	if CVDCASESEMP > 0	Collected as a continuous variable; recoded the variable to provide estimates in categories.
				-1 = Inapplicable	41.4	0.96		
				1 = 0%	40.0	0.99		
				2 = > 0%	6.6	0.41		
					Percentage of residential care employees with COVID-19 who were hospitalized			
37b	CVDDEATHSEMP	Since January 2020, how many coronavirus disease (COVID-19) cases did this residential care community have among residents and among employees or contract staff? <i>Include only presumptive positive and confirmed cases.</i> Enter "0" if none or select don't know if you do not know the number. b. Residents—COVID-19 cases—COVID-19 cases that resulted in a hospitalization—COVID-19 cases that resulted in death	Percentage of residential care communities, by percent of employees with COVID-19 that resulted in a death	-9 = Not ascertained	11.4	0.68	if CVDCASESEMP > 0	Collected as a continuous variable; recoded the variable to provide estimates in categories.
				-1 = Inapplicable	41.4	0.96		
				1 = 0%	46.5	0.98		
				2 = > 0%	0.7	0.14		
					Percentage of residential care employees with COVID-19 who died			
38	CVDTURNAWAY	Since January 2020, how many residents with presumptive positive or confirmed COVID-19 infection did this residential care community need to transfer to another residential care community? If none, enter "0." ____ Number of residents	Percentage of residential care communities, by percent of residents with presumptive positive or confirmed COVID-19 infection that the residential care community turned away or referred elsewhere	-9 = Not ascertained	7.8	0.54	All	Collected as a continuous variable; recoded the variable to provide estimates in categories.
				1 = 0%	83.8	0.72		
				2 = > 0%	8.4	0.54		
					Percentage of residents with presumptive positive or confirmed COVID-19 the residential care community needed to transfer to another residential care community			

¹Because of rounding, weighted percentages may not add to 100%.

²The standard errors (SE) were calculated using SAS-callable SUDAAN and match standard errors from STATA 17; exceptions are noted.

2020 National Post-acute and Long-term Care Study Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
39a	CVDPREVSCREEN	Since January 2020, did this residential care community experience any of the following in your prevention, response, or management of COVID-19 infections? MARK YES, NO, OR DON'T KNOW IN EACH ROW a. Screening of residents daily for fever or respiratory symptoms __ Yes __ No __ Don't know	Percentage of residential care communities, by whether the residential care community screened residents daily for fever or respiratory symptoms	-9 = Not ascertained	6.6	0.49	All	
				1 = Yes	88.7	0.72		
				2 = No	4.6	0.54		
				3 = Don't know	0.1	0.07		
39b	CVDPREVNOTIFY	Since January 2020, did this residential care community experience any of the following in your prevention, response, or management of COVID-19 infections? MARK YES, NO, OR DON'T KNOW IN EACH ROW b. Notifying all residents or families of a case in the residential care community within 24 hours __ Yes __ No __ Don't know	Percentage of residential care communities, by whether the residential care community notified all residents or families of a case in the residential care community within 24 hours	-9 = Not ascertained	9.3	0.66	All	
				1 = Yes	63.9	1.10		
				2 = No	24.7	1.03		
				3 = Don't know	2.1	0.40		
39c	CVDPREVAUDIO	Since January 2020, did this residential care community experience any of the following in your prevention, response, or management of COVID-19 infections? MARK YES, NO, OR DON'T KNOW IN EACH ROW c. Use of telephonics or audio-only calls to assess, diagnose, monitor, or treat residents with presumptive positive or confirmed COVID-19 infection __ Yes __ No __ Don't know	Percentage of residential care communities, by whether the residential care community used telephonics or audio only calls to assess, diagnose, monitor, or treat residents with presumptive positive or confirmed COVID-19 infection	-9 = Not ascertained	8.7	0.61	All	
				1 = Yes	34.4	1.09		
				2 = No	52.3	1.14		
				3 = Don't know	4.6	0.48		
39d	CVDPREVTELE	Since January 2020, did this residential care community experience any of the following in your prevention, response, or management of COVID-19 infections? MARK YES, NO, OR DON'T KNOW IN EACH ROW d. Use of telemedicine or telehealth (that is, audio with video, web videoconference) to assess, diagnose, monitor, or treat residents with presumptive positive or confirmed COVID-19 infection __ Yes __ No __ Don't know	Percentage of residential care communities, by whether the residential care community used telemedicine or telehealth (that is, audio with video, web videoconference) to assess, diagnose, monitor, or treat residents with presumptive positive or confirmed COVID-19 infection	-9 = Not ascertained	8.5	0.60	All	
				1 = Yes	39.2	1.11		
				2 = No	48.8	1.14		
				3 = Don't know	3.5	0.44		
39e	CVDPREVLIMIT	Since January 2020, did this residential care community experience any of the following in your prevention, response, or management of COVID-19 infections? MARK YES, NO, OR DON'T KNOW IN EACH ROW e. Limiting of communal dining and recreational activities in common areas __ Yes __ No __ Don't know	Percentage of residential care communities, by whether the residential care community limited communal dining and recreational activities in common areas	-9 = Not ascertained	7.0	0.51	All	
				1 = Yes	83.2	0.88		
				2 = No	9.4	0.72		
				3 = Don't know	0.4	0.20		
40a	CVDPPEQ1BASE	Since January 2020 to now, did this residential care community experience a shortage of the following personal protective equipment? MARK YES, NO, OR DON'T KNOW FOR EACH TIME PERIOD a. Eye protection, gloves, face masks, or isolation gowns—January 2020 to March 2020 __ Yes __ No __ Don't know	Percentage of residential care communities, by whether the residential care community experienced a shortage of eye protection, gloves, face masks, or isolation gowns—January 2020 to March 2020	-9 = Not ascertained	7.1	0.51	All	
				1 = Yes	29.8	1.12		
				2 = No	61.1	1.16		
				3 = Don't know	2.0	0.30		
40b	CVDPPEQ1N95	Since January 2020 to now, did this residential care community experience a shortage of the following personal protective equipment? MARK YES, NO, OR DON'T KNOW FOR EACH TIME PERIOD b. N95 respirators—January to March 2020 __ Yes __ No __ Don't know	Percentage of residential care communities, by whether the residential care community experienced a shortage of N95 respirators—January to March 2020	-9 = Not ascertained	8.8	0.60	All	
				1 = Yes	34.4	1.16		
				2 = No	52.3	1.18		
				3 = Don't know	4.4	0.50		

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2020 National Post-acute and Long-term Care Study Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
40a	CVDPPEQ2BASE	Since January 2020 to now, did this residential care community experience a shortage of the following personal protective equipment? MARK YES, NO, OR DON'T KNOW FOR EACH TIME PERIOD a. Eye protection, gloves, face masks, or isolation gowns—April 2020 to June 2020 ___Yes ___No ___Don't know	Percentage of residential care communities, by whether the residential care community experienced a shortage of eye protection, gloves, face masks, or isolation gowns—April 2020 to June 2020	-9 = Not ascertained	7.8	0.56	All	
				1 = Yes	29.1	1.10		
				2 = No	61.6	1.16		
				3 = Don't know	1.6	0.27		
40b	CVDPPEQ2N95	Since January 2020 to now, did this residential care community experience a shortage of the following personal protective equipment? MARK YES, NO, OR DON'T KNOW FOR EACH TIME PERIOD b. N95 respirators—April 2020 to June 2020 ___Yes ___No ___Don't know	Percentage of residential care communities, by whether the residential care community experienced a shortage of N95 respirators—April 2020 to June 2020	-9 = Not ascertained	9.9	0.66	All	
				1 = Yes	33.0	1.14		
				2 = No	53.5	1.18		
				3 = Don't know	3.6	0.43		
40a	CVDPPEQ3BASE	Since January 2020 to now, did this residential care community experience a shortage of the following personal protective equipment? MARK YES, NO, OR DON'T KNOW FOR EACH TIME PERIOD a. Eye protection, gloves, face masks, or isolation gowns—July 2020 to September 2020 ___Yes ___No ___Don't know	Percentage of residential care communities, by whether the residential care community experienced a shortage of eye protection, gloves, face masks, or isolation gowns—July 2020 to September 2020	-9 = Not ascertained	8.0	0.58	All	
				1 = Yes	19.3	0.97		
				2 = No	71.3	1.08		
				3 = Don't know	1.5	0.27		
40b	CVDPPEQ3N95	Since January 2020 to now, did this residential care community experience a shortage of the following personal protective equipment? MARK YES, NO, OR DON'T KNOW FOR EACH TIME PERIOD b. N95 respirators—July 2020 to September 2020 ___Yes ___No ___Don't know	Percentage of residential care communities, by whether the residential care community experienced a shortage of N95 respirators—July 2020 to September 2020	-9 = Not ascertained	10.0	0.67	All	
				1 = Yes	23.3	1.05		
				2 = No	62.8	1.16		
				3 = Don't know	3.8	0.47		
40a	CVDPPEQ4BASE	Since January 2020 to now, did this residential care community experience a shortage of the following personal protective equipment? MARK YES, NO, OR DON'T KNOW FOR EACH TIME PERIOD a. Eye protection, gloves, face masks, or isolation gowns—October 2020 to now ___Yes ___No ___Don't know	Percentage of residential care communities, by whether the residential care community experienced a shortage of eye protection, gloves, face masks, or isolation gowns—October 2020 to now	-9 = Not ascertained	8.0	0.58	All	
				1 = Yes	13.7	0.84		
				2 = No	77.2	0.99		
				3 = Don't know	1.1	0.25		
40b	CVDPPEQ4N95	Since January 2020 to now, did this residential care community experience a shortage of the following personal protective equipment? MARK YES, NO, OR DON'T KNOW FOR EACH TIME PERIOD b. N95 respirators—October 2020 to now ___Yes ___No ___Don't know	Percentage of residential care communities, by whether the residential care community experienced a shortage of N95 respirators—October 2020 to now	-9 = Not ascertained	10.0	0.66	All	
				1 = Yes	16.8	0.94		
				2 = No	70.1	1.10		
				3 = Don't know	3.1	0.42		

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2020 National Post-acute and Long-term Care Study Weighted Survey Estimates: Residential Care Communities								
QUESTION NUMBER	VARIABLE NAME	SURVEY QUESTION TEXT	DATA MEASURE	CODE CATEGORY	WEIGHTED PERCENTAGE OR COUNT ¹	STANDARD ERROR ²	COMMUNITIES ASKED/RECODED	ADDITIONAL NOTES
41	CVDTESTS	Since January 2020, how many residents with presumptive positive COVID-19 infection was this residential care community <u>not</u> able to test due to shortages of test kits? If none, enter "0". ___ Number of residents	Percentage of residential care communities, by percent of residents the residential care community was not able to test for COVID due to shortages of test kits	-9 = Not ascertained	7.8	0.54	All	Collected as a continuous variable; recoded the variable to provide estimates in categories. Used TOTRES as the denominator. Missing were excluded from the numerator and denominator.
				1 = 0%	90.3	0.65		
				2 = > 0%	2.0	0.37		
					0.6	0.11		
42a	CVDRESFAM	Since January 2020, did this residential care community impose restrictions on the following individuals from entering the building? MARK NEVER, SOMETIMES, OFTEN, ALWAYS, OR DON'T KNOW IN EACH ROW a. Family and relatives ___ Never ___ Sometimes ___ Often ___ Always ___ Don't know	Percentage of residential care communities, by whether and how often they imposed restrictions from entering the building for family and relatives	-9 = Not ascertained	6.8	0.49	All	
				1 = Never	2.9	0.50		
				2 = Sometimes	11.4	0.76		
				3 = Often	30.8	1.04		
				4 = Always	47.7	1.17		
				5 = Don't know	0.4	0.19		
42b	CVDRESVISIT	Since January 2020, did this residential care community impose restrictions on the following individuals from entering the building? MARK NEVER, SOMETIMES, OFTEN, ALWAYS, OR DON'T KNOW IN EACH ROW b. Visitors ___ Never ___ Sometimes ___ Often ___ Always ___ Don't know	Percentage of residential care communities, by whether and how often they imposed restrictions from entering the building for visitors	-9 = Not ascertained	6.5	0.47	All	
				1 = Never	2.9	0.49		
				2 = Sometimes	7.8	0.65		
				3 = Often	22.9	0.92		
				4 = Always	59.3	1.13		
42c	CVDRESVOL	Since January 2020, did this residential care community impose restrictions on the following individuals from entering the building? MARK NEVER, SOMETIMES, OFTEN, ALWAYS, OR DON'T KNOW IN EACH ROW c. Volunteers ___ Never ___ Sometimes ___ Often ___ Always ___ Don't know	Percentage of residential care communities, by whether and how often they imposed restrictions from entering the building for volunteers	-9 = Not ascertained	6.7	0.48	All	
				1 = Never	4.4	0.60		
				2 = Sometimes	4.4	0.49		
				3 = Often	13.1	0.77		
				4 = Always	70.4	1.08		
				5 = Don't know	1.0	0.29		
42d	CVDRESNONESS	Since January 2020, did this residential care community impose restrictions on the following individuals from entering the building? MARK NEVER, SOMETIMES, OFTEN, ALWAYS, OR DON'T KNOW IN EACH ROW d. Non-essential consultant personnel (for example, barbers, delivery personnel) ___ Never ___ Sometimes ___ Often ___ Always ___ Don't know	Percentage of residential care communities, by whether and how often they imposed restrictions from entering the building for nonessential consultant personnel (for example, barbers, delivery personnel)	-9 = Not ascertained	6.5	0.47	All	
				1 = Never	3.3	0.50		
				2 = Sometimes	8.0	0.58		
				3 = Often	20.9	0.82		
				4 = Always	60.8	1.05		
				5 = Don't know	0.5	0.20		
Frame	REGION	Census Region	Percentage of residential care communities, by Census Region	1 = Northeast	7.8	0.03	All	
				2 = Midwest	24.5	0.19		
				3 = South	28.0	0.18		
				4 = West	39.7	0.19		
Frame	MSA	Metropolitan statistical area status	Percentage of residential care communities, by MSA status	1 = Metropolitan	84.6	0.64	All	
				2 = Micropolitan	8.9	0.55		
				3 = Neither	6.5	0.42		

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