

March 25, 2021

Written testimony of Matthew V. Barrett, President and CEO of the Connecticut Association of Health Care Facilities / Connecticut Center For Assisted Living (CAHCF/CCAL)

Good afternoon Senator Moore, Representative Abercrombie and to the distinguished members of the Human Services Committee. My name is Matt Barrett. I am President and CEO of the Connecticut Association of Health Care Facilities / Connecticut Center For Assisted Living (CAHCF/CCAL). CAHCF/CCAL is a one-hundred-and-fifty member trade association of skilled nursing facilities and assisted living communities. Thank you for this opportunity to submit testimony on S.B. No. 1057 (RAISED) AN ACT CONCERNING NURSING HOMES.

INCREASED MINIMUM STAFFING REQUIREMENTS

This legislation would on or before January 1, 2022 require the Department of Public Health to establish minimum staffing level requirements for nursing homes of at least four and one-tenth hours of direct care per resident, including seventy-five hundredths hours of care by a registered nurse, fifty-four hundredths hours of care by a licensed practical nurse and two and eighty-one hundredths hours of care by a certified nurse's assistant.

As reported by the Staffing Levels Subcommittee of the Nursing Home and Assisted Living Oversight Work Group (NHALOWG) in January 2021: "Adequate numbers of qualified, trained, appropriately compensated, and caring staff are integral to support the needs of nursing home residents in a holistic and person-centered manner." There is no disagreement from CAHCF/CCAL on the policy goals expressed by the subcommittee. Further, the subcommittee acknowledged that achieving this result necessarily involves diverse strategies, including, but not limited to, establishing a daily minimum staffing ratio of at least 4.1 hours of direct care per resident.

Efforts to increase minimum staffing levels must consider two main implementation challenges. First, having an available workforce to fill the positions. Second, is the financial cost of employing more people. To help inform the implications of increasing staffing in this manner, CAHCF/CCAL obtained the support of the *Center for Health Policy Evaluation in Long Term Care* ("The Center") to provide a framework for estimating the costs of increasing minimum staffing ratios in Connecticut nursing homes. The full report is attached.

In this initial and preliminary framework, the *Center* reviewed creating minimum nurse staffing to resident thresholds in nursing homes (RN = 0.75, LPN = 0.54, and CNA = 2.81) for a Total Nursing Staffing of 4.1. In the report, the Center characterized the facilities currently below this threshold and calculated the number of additional staff and labor costs needed to achieve the proposed minimum staffing. They used staffing levels collected by the Center for Medicare and Medicaid Census (CMS) from nursing home payroll data. To estimate total labor

costs, they used average state labor costs, fringe benefits, and payroll tax rates. Further, the Center observed:

Based on Q3 2020 staffing data, 181 (88.7%) of nursing homes in Connecticut are below the proposed minimum staffing threshold. The analysis was repeated using pre-COVID Q4 2019 staffing census data. Under pre-COVID conditions, the number of nursing homes below the minimum staffing threshold rose to 199 (97.5%). A big driver for this increase was a higher census pre-COVID. The average Connecticut nursing home census in Q4 2019 was 104 compared to 86 in Q3 2020. This is a 17% decline, which exceeds the national average decline of 14%. On average, Connecticut nursing homes below the staffing threshold are larger and have more Medicaid residents than the others. Their November 2020 Five-Star ratings were on average lower.

For Connecticut to implement minimum staffing ratios, we estimate it will require between 1,793-3,364 FTEs and cost \$140.9-\$273.9 million dollars. The exact figure will depend on resident census. To get the current 181 nursing homes above the proposed minimum staffing threshold, 1,793 FTEs would be needed statewide at a total annual cost of \$140.9 million, including fringe benefits and payroll taxes. CNAs make up most of the needed FTEs (1,426) and cost (\$95.0 million). This assumes census stays the same as it is now, which is much lower than before the COVID pandemic. To estimate the costs when census increases, our simulation was repeated using pre-COVID-19 Q4 2019 PBJ staffing census data. In this analysis, the number of nursing homes below the minimum threshold rose to 199 (97.5%). Also increasing were the number of needed FTEs (3,364) and costs (\$273.9 million) to meet the minimum staffing.

As census returns over the next 18 months, we can anticipate these costs to increase further, necessitating accompanying reimbursement increases.

CAHCF/CCAL supports the effort to ensure adequate staffing at all nursing homes and to compensate all nursing home caregivers and employees at a level that recognizes their value. However, we favor a focus on elevating the status and importance of long-term care staff through recruitment and retention strategies and providing long underfunded nursing homes with the financial resources needed to address these staffing issues. A significant state and federal investment will be required to increase staffing requirements, minimum staffing ratios, or minimum wages during or after the pandemic when there are limited trained individuals to fill the positions and not enough resources to cover additional, unfunded costs.

We do not support a recommendation to establish a minimum percentage of reimbursement to be spent on staffing without further study of the issue in the context of planned shifts in reimbursement structure to an acuity-based system and more thorough consideration of potential impacts of such a requirement. Moreover, nursing homes currently must comply with state and federal rules requiring staffing to meet the needs of residents. Finally, nursing homes should be given the flexibility on where to direct the percentage of

staffing resources to RNs, LPNs and CNAs to address the specific care needs of the individual nursing homes.

A DIRECT CARE MINIMUM PERCENTAGE OF MEDICAID REIMBURSEMENT

The proposed bill also directs the Commissioner of Social Services, in consultation with the Commissioner of Public Health, to establish a minimum percentage of Medicaid reimbursement to nursing homes for the provision of direct care to nursing home residents. Establishing a direct care Medicaid reimbursement ratio to Connecticut nursing homes can only lead to reduced overall funding to nursing homes unless adequate funding for all direct care costs is provided in addition to addressing all the underlying underfunded costs in Connecticut's Medicaid rates for nursing homes, and addressing the increased costs associated with the pandemic-caused occupancy decline now being experienced. Moreover, nursing home expenditures are publicly transparent, costs are capped and have been found to be on average \$25 below the actual cost of providing care.

Pre-COVID Connecticut Nursing Home Underfunding of \$135 Million

As we have expressed to the Appropriations Committee, the pandemic has once more exposed the longstanding Medicaid underfunding of Connecticut nursing homes. If nursing home were funded in accordance with the rate setting formula, the allowable calculated rates per day would equate to \$270.52 per day. Instead, for state budgetary reasons, the average issued rate to nursing homes of \$239.96 (as of 06/30/2019) has represented an annual underfunding of otherwise reimbursable costs of \$30.56 per patient day which, equates to and underfunding of \$135,159,193. A 9.2 percent Medicaid increase is required to address this longstanding issue.

A Precipitous and Unprecedented Occupancy Decline Equates to a 14% Increase in Costs Requiring a 14% Medicaid rate increase (\$177 Million)

The average occupancy rate in September 2019 was 88%. A year later it was 74% where it hovers. This means occupied beds have gone down from 22,197 to 18,402. The financial impact is worsened as the percentage of occupied nursing facility beds funded by Medicaid, where the cost of care is not fully reimbursed, has increased from 70% to 83% in SFY 2020. Moreover, the average monthly number of non-Medicaid residents in a nursing home has precipitously dropped from 6,688 in SFY 2019 to \$3216 in SFY 2020. This 14% decline in occupancy essentially equates to a per resident increase to a commensurate increase in per resident costs of 14%. Addressing the increased costs in equally higher Medicaid rates would appropriately require a 14% increase in Medicaid rates amounting to \$177 million increased Medicaid appropriation annually.

Transparency: Nursing Home Costs Have Allowable Cost Maximums, Public Cost Reporting and Audits.

Presently, nursing home financial information such as expenditures, revenue and balance sheet data are submitted annually to the Department of Social Services for per diem rate-setting purposes. DSS conducts annual audits of nursing homes. Facility costs, calculated on a per diem basis by category, are limited to maximums established as percentages of median costs in the Direct, Indirect and Administrative/General categories. There are five costs categories with allowable cost maximums:

- 1. **Direct** Nursing and nurse aide personnel salaries, related fringe benefits and nursing pool costs.
- 2. **Indirect** Professional fees, dietary, housekeeping, laundry personnel costs and expenses and supplies related to patient care.
- 3. Administrative and General Maintenance and plant operation expenses, and salaries and related fringe benefits for administrative and maintenance personnel.
- 4. **Property (Fair Rent)** A fair rental value allowance is calculated to yield a constant amount each year in lieu of interest and depreciation costs.
- 5. **Capital Related** Property taxes, insurance expenses, moveable equipment leases and moveable equipment depreciation.

Transparency: Related Party Profit and Loss Statements

All for for-profit nursing homes must also include in their annual reports to DSS a profit and loss statement from each related party that receives from the nursing home fifty thousand dollars or more per year for goods, fees and services.

In conclusion, for these reasons, we urge the committee to take no further action on establishing a direct care Medicaid reimbursement ratio for Connecticut nursing homes.

Thank you and I would be happy to answer any questions you may have.

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(c) The Commissioner of Public Health, in consultation with the Commissioner of Social Services, shall (1) review the current definition of the term "direct care" in the

regulations of Connecticut state agencies and consider redefining the term for purposes of minimum staffing level requirements, (2) review and implement best practices for establishing and maintaining minimum staffing levels at nursing homes, (3) encourage nursing homes to adopt payment incentives for staff to work in a single nursing home, and (4) prohibit the hiring of any person subject to a consent order issued by the Department of Public Health for violations of health and safety regulations pertaining to nursing homes from working at a nursing home in any capacity.

(e) The Commissioner of Public Health shall adopt regulations in accordance with chapter 54 of the general statutes to implement the provisions of this section.



Estimating the Cost of Minimum Staffing Ratios in Connecticut Nursing Homes

Prepared by Terry Hawk, MS Kiran Sreenivas, MS

Feb 12, 2021

Executive Summary

Minimum staffing levels are proposed as a means to improve nursing home quality. Connecticut is currently considering creating minimum nurse staffing to resident thresholds in nursing homes (RN HPRD = 0.75, LPN HPRD = 0.54, and CNA HPRD = 2.81) for a Total Nursing Staffing HPRD of 4.1. In this report we characterized the facilities currently below this threshold and calculated the number of additional staff and labor costs needed to achieve the proposed minimum staffing. We used staffing levels collected by the Center for Medicare and Medicaid Census (CMS) from nursing home payroll data. To estimate total labor costs, we used average state labor costs, fringe benefits, and payroll tax rates.

Based on Q3 2020 staffing data, 181 (88.7%) of nursing homes in Connecticut are below the proposed minimum staffing threshold. The analysis was repeated using pre-COVID Q4 2019 staffing census data. Under pre-COVID conditions, the number of nursing homes below the minimum staffing threshold rose to 199 (97.5%). A big driver for this increase was a higher census pre-COVID. The average Connecticut nursing home census in Q4 2019 was 104 compared to 86 in Q3 2020. This is a 17% decline, which exceeds the national average decline of 14%.

On average, Connecticut nursing homes below the staffing threshold are larger and have more Medicaid residents than the others. Their November 2020 Five-Star ratings were on average lower.

For Connecticut to implement minimum staffing ratios, we estimate it will require between 1,793-3,364 FTEs and cost \$140.9-\$273.9 million dollars. The exact figure will depend on resident census.

To get the current 181 nursing homes above the proposed minimum staffing threshold, 1,793 FTEs would be needed statewide at a total annual cost of \$140.9 million, including fringe benefits and payroll taxes. CNAs make up most of the needed FTEs (1,426) and cost (\$95.0 million). This assumes census stays the same as it is now, which is much lower than before the COVID pandemic.

To estimate the costs when census increases, our simulation was repeated using pre-COVID-19 Q4 2019 PBJ staffing census data. In this analysis, the number of nursing homes below the minimum threshold rose to 199 (97.5%). Also increasing were the number of needed FTEs (3,364) and costs (\$273.9 million) to meet the minimum staffing.

Finding individuals to fill the positions will be the most challenging aspect of implementing a minimum staffing threshold. Nursing homes must compete with hospitals and others for a workforce that was in shortage before COVID and has been dwindling since.

Background

The relationship between nursing home staffing and resident quality is multifaceted. For staffing to have an impact on resident quality it requires both having the staff and ensuring they are trained properly and work well together to provide coordinated patient-centered care.

Policymakers and regulators have a challenging responsibility to incentivize and ensure both quantity and quality of staff through various means at various levels. This can range from investing in local nurse training programs to revoking individual nurse licenses when deliberate acts of patient abuse and neglect occur.

Among nursing homes, more attention has been paid to quantity, rather than quality, of staff in large part because it is easier to measure and monitor quantity. Measurements for staff quantity, such as hours per resident day or ratio of staff to residents, are gathered through employment data and publicly reported by the federal government. Measuring staff quality is more difficult. The most often used proxy for staff quality is staff retention and turnover. High retention and low turnover are theorized to reflect staff capable of performing their responsibilities and working well with each other because otherwise they would either be fired or seek employment elsewhere.

Both quantity and low turnover of nursing home staff have been found to be associated with higher resident quality. Castle, et al. found reducing nursing home turnover was associated with better performance on publicly reported quality metrics. Castle estimates the rate of turnover for nursing home nurses to be around 40%. There is no public reporting of nurse turnover, like there is for quantity of nurse staffing through Payroll-Based Journal (PBJ) required federally by the Centers for Medicaid and Medicare Services (CMS).

With the current COVID pandemic, quantity of staffing has been a focus as COVID has had a devastating impact with over 100,000 deaths and approximately 40% of COVID deaths associated with long-term care facilities, which is a broader category than nursing homes alone and includes assisted living, independent living, among others.⁴

Several studies have found cases of COVID in the community to be the biggest driver of COVID cases from occurring in a nursing home, regardless of Five-Star Ratings or prior survey compliance.^{5, 6} Some of these studies have found an association between quantity of staffing and limiting spread.^{5, 7} It has been theorized that with higher staffing, nursing homes can better adhere to consistent assignments and reduce the risk of spreading cases between patients. Currently, there have been no studies on the quality of staffing and the relationship to preventing or minimizing COVID.

In an effort to mitigate COVID in nursing homes, some state policymakers and U.S. Congress are considering requiring minimum staffing levels. Minimum staffing levels currently vary by state across the country. Studies looking at the impact of minimum staffing on quality in general have shown mixed results with quality improving slightly

but also substitution of staffing occurring.⁸⁻¹⁰ Substitution examples include more CNAs in lieu of RNs or decreases in ancillary staff (e.g. housekeeping and dietary) when clinical staff levels are increased.

At both the state and federal level, efforts to increase minimum staffing levels face two implementation challenges. The first is having enough people to fill the positions. The second is the financial cost of employing more people.

The COVID pandemic has exacerbated a pre-existing health care workforce shortage. Health care staff from all sectors, including hospitals, nursing homes, and home health, are burnt out and worried about contracting COVID and spreading it to their families and loved ones. 11, 12 Regardless of how much a provider can pay them, some qualified people will turn down the job.

The costs associated to recruit and retain additional staff may be challenging for nursing homes. According to the latest data from MedPAC, the average total margin for nursing homes in the nation dropped to -0.3% in 2018. 13 Because Medicare reimburses at a higher rate than Medicaid, many nursing homes struggle to find a mix of Medicare and Medicaid patients to make financial ends meet.

As policymakers continue to consider establishing or raising minimum staffing levels for nursing homes, it will be important for them to fully understand the two potential barriers of available staff and cost.

In 2021, the Connecticut General Assembly is considering requiring minimum nurse staffing ratios for nursing homes (See Table 1). To provide a model for what policy makers should consider, this analysis looks to quantify what such a policy would mean in terms of staff needed, as well as the financial cost, for Connecticut.

Table 1: Proposed Minimum Nurse Staffing and Hours Per Resident Day for Connecticut Nursing Homes

| Nursing Type | HPRD |
|---------------------------|------|
| RN | 0.75 |
| LPN | 0.54 |
| CNA | 2.81 |
| Total (RN + LPN + CNA) | 4.1 |

Method

On a quarterly basis, nursing homes are required to submit daily payroll data on staffing data to the Centers for Medicaid and Medicare Services (CMS), the federal regulatory agency of nursing homes. CMS uses this Payroll-Based Journal (PBJ) staffing data to calculate Registered Nurse (RN), Licensed Practical Nurse (LPN), Certified Nursing Assistants (CNA), and total nurse (RN + LPN + CNA) staffing hours per resident day (HPRD) and Five-Star Staffing Ratings.

For this report, we categorized nursing homes in Connecticut using PBJ staffing data from Q3 2020 as below the RN, LPN, or CNA threshold or above them. Facility characteristics, such as bed size and ownership, and Five-Star Ratings were compared between the two groups.

For nursing homes below either minimum HPRD threshold, simulations were created to get them above both minimum staffing thresholds. In other words, if a nursing home was above the RN and LPN threshold but below the CNA threshold, only CNA staffing was increased in the simulation. For nursing homes below the RN and LPN HPRD threshold, both RN and LPN staffing were increased to maintain the same ratio in the simulation till the minimum threshold was met.

To determine annual salary costs, the average Connecticut per hour wages from CMS's 2019 wage index were used. For CNAs this was \$20.07/hour, LPNs was \$29.89/hour, and RNs was \$44.72. To provide a more complete picture of labor costs, we calculated fringe benefits and payroll tax. We applied an average 20% fringe benefit costs to the annual salary costs for each additional staff. Payroll tax assumed 1.45% for Medicare, 6.2% for Social Security, 0.96% for federal unemployment insurance, and state unemployment insurance 0.72%.

During the pandemic, census has dropped nationally over 14%. Fewer admissions to nursing homes has been driven by fewer elderly receiving hospital care that needs post-acute care (e.g. cancelling of elective surgeries), family's reluctance to use nursing homes while they have been at home out of work or teleworking, or facilities have been closed to admissions because of COVID-19 outbreaks.

The cost to meet a minimum staffing will vary depending on the census of a facility. We calculated the costs based on the current census but also for the census prior to the COVID-19 pandemic, since census will increase once the COVID vaccine rollout has helped curb the pandemic. Thus, as a sensitivity analysis, the analysis was repeated using PBJ staffing data from Q4 2019, before the COVID pandemic.

Results

Based on Q3 2020 PBJ staffing data, 181 (88.7%) of nursing homes in Connecticut are below either RN = 0.75, LPN = 0.54, or CNA = 2.81 hours per resident day (HPRD). On average, these facilities are larger and have more Medicaid residents than the other 23 (11.3%) nursing homes in Connecticut. A higher proportion of them are also For-Profit and rural (See Table 2).

As for November 2020 Five-Star ratings, the nursing homes below either HPRD threshold have on average lower overall, survey, quality, and staffing ratings, but the difference is smallest among quality ratings (See Table 2).

Table 2: Characteristics and Five-Star Ratings of Connecticut Nursing Homes Above and Below Proposed Minimum Staffing Ratios (Q3 2020)

| Below RN = 0.75, | Above RN = 0.75, |
|------------------|---|
| LPN = 0.54, AND | LPN = 0.54, AND |
| CNA = 2.81 HPRD | CNA = 2.81 HPRD |
| 181 (89%) | 23 (11%) |
| 123 | 97 |
| | |
| 25 (74%) | 9 (26%) |
| 155 (92%) | 13 (7%) |
| 1 (50%) | 1 (50%) |
| 11 (92%) | 1 (8%) |
| 69% | 44% |
| | |
| 3.44 | 4.64 |
| 2.76 | 3.73 |
| 4.13 | 4.41 |
| 3.57 | 4.70 |
| | LPN = 0.54, AND CNA = 2.81 HPRD 181 (89%) 123 25 (74%) 155 (92%) 1 (50%) 11 (92%) 69% 3.44 2.76 4.13 |

To get the 135 nursing homes above the RN, LPN, and CNA thresholds, 1,793 FTEs would be needed statewide at a total annual cost of \$140.1 million, including fringe benefits and payroll taxes. CNAs make up most of the needed FTEs (1,426) and cost (\$95.0 million). (See Table 3). This assumes census stays the same as it is now, which is much lower than pre-COVID-19.

Table 3: Staff and Cost Estimates for Achieving Minimum Staffing Ratios Using Q3 2020 PBJ Staffing Data

| Nurse Type | Daily Hours Needed | FTE Needed | Annual Salary Cost Increase | Annual Fringe Benefit Cost Increase | Annual Payroll Tax Cost Increase | Total Annual Cost Increase |
|---------------|--------------------------|---------------|--------------------------------|---|--|-------------------------------|
| RN | 2,064 | 334 | \$33,684,415.45 | \$6,736,883.09 | \$3,142,755.96 | \$43,564,054.50 |
| LPN | 167 | 33 | \$1,818,133.16 | \$363,626.63 | \$169,631.82 | \$2,351,391.62 |
| CNA | 10,032 | 1,426 | \$73,485,055.08 | \$14,697,011.02 | \$6,856,155.64 | \$95,038,221.74 |
| Total | 12,263 | 1,793 | \$108,987,603.69 | \$21,797,520.74 | \$10,168,543.42 | \$140,953,667.86 |

Note: Hourly wages used \$44.72 for RN, \$29.89 for LPN, and \$20.07 for CNA. This table reflects getting 181 nursing homes to RN = 0.75, LPN = 0.54, and CNA = 2.81 HPRD. FTE = Full Time Equivalent.

To understand the cost to Connecticut when census returns to pre-COVID-19 levels, we conducted a sensitivity analysis to understand the possible range in costs of setting minimum staffing ratios that translate the above staffing hours per resident day. Our simulation was repeated using pre-COVID-19 Q4 2019 PBJ staffing data. Using this pre-COVID pandemic data, the number of nursing homes below either HPRD threshold rose to 176 (86%).

A big driver for this increase was a higher census. The average Connecticut nursing home census in Q4 2019 104 compared to 86 in Q3 2020. This is a 17% decline.

In pre-COVID times and using Q4 2019 PBJ staffing data, it is more costly to get the Connecticut's nursing homes above RN, LPN, and CNA thresholds. A total of 3,364 FTEs would be needed at a total annual cost of \$273.9 million, including fringe benefits and payroll taxes. Similar to the analysis using Q3 2020 staffing data, CNAs are the majority of the FTEs needed (2,694) and costs (\$184.3 million). (See Table 4).

Table 4: Staff and Cost Estimates for Achieving Minimum Staffing Ratios Using Q4 2019 (Pre-COVID) PBJ Staffing Data

| Nurse Type | Daily Hours Needed | FTE Needed | Annual Salary Cost Increase | Annual Fringe Benefit Cost Increase | Annual Payroll Tax Cost Increase | Total Annual Cost Increase |
|---------------|--------------------------|---------------|--------------------------------|---|--|-------------------------------|
| RN | 4,023 | 608 | \$65,664,703.70 | \$13,132,940.74 | \$6,126,516.86 | \$84,924,161.30 |
| LPN | 332 | 62 | \$3,617,129.22 | \$723,425.84 | \$337,478.16 | \$4,678,033.22 |
| CNA | 19,454 | 2,694 | \$142,503,987.45 | \$28,500,779.49 | \$13.295.613.63 | \$184,300,290.58 |
| Total | 23,809 | 3,364 | \$211,785,730.37 | \$42,357,146.07 | \$19,759,608.64 | \$273,902,485.09 |

Note: Hourly wages used \$44.72 for RN, \$29.89 for LPN, and \$20.07 for CNA. This table reflects getting 199 nursing homes to RN = 0.75, LPN = 0.54, and CNA = 2.81 HPRD. FTE = Full Time Equivalent.

Discussion

For Connecticut to implement shift-level minimum nursing home staffing ratios, we estimate it will require between 1,793-3,364 FTEs and cost \$140.9-\$273.9 million dollars. The exact figure will depend on resident census.

This is a good time to mention that in order to monitor and enforce shift-level minimum staffing ratios, nursing homes and state regulators may have to invest in additional reporting systems above what has already been setup at the federal level through CMS's Payroll-Based Journal (PBJ). For nursing homes, that could involve using staff's time to track and report hours as opposed to providing care to residents.

Finding individuals to fill the positions will be the most challenging aspect of implementing a minimum staffing threshold. Nursing homes must compete with hospitals and others for a workforce that was in shortage before COVID and has been dwindling since.

To alleviate the staff shortage, policy makers should consider efforts to increase the supply. Such actions could include investing in more training programs or reducing barriers for such training programs to exist. CNA training programs often are limited by the federal policy on what facilities can and cannot provide onsite training. Local community colleges could be incentivized to expand their CNA training.

Another option for increasing supply is to incentivize workers to switch jobs and enter the industry. Often this involves providing higher wages. For example, hospitality and gig economy workers could be trained fairly quickly to become CNAs, but if the CNA pay is worse than their current source of income, they have little incentive to pursue it.

States may also have to look to attract workforce from other states. State authorities could review and revise state licensure requirements to allow easier transfer of licenses from other states. For example, COMPACT states for RN licensure make it easier to attract RNs from other states.

By themselves, Connecticut nursing homes are highly unlikely to be able to cover the costs associated with minimum staffing ratios. The average nursing home in the nation operates at a negative total margin. Nursing homes often need the higher Medicare reimbursement rates to offset low Medicaid reimbursement rates. Our analysis found the Connecticut nursing homes below the minimum staffing threshold to be caring for a larger proportion of Medicaid residents. Thus, it could be challenging for them to find additional Medicare revenue to cover the costs of higher staffing without sacrificing care to vulnerable residents on Medicaid.

References

- 1. Castle NG, Engberg J, Men A. Nursing home staff turnover: impact on nursing home compare quality measures. *The Gerontologist*. 2007 Oct 2007;47(5)doi:10.1093/geront/47.5.650
- 2. Quilter Q. What Some Nursing Homes Do To Retain Quality Staff. *Forbes*. 2019. Jun 11, 2019. https://www.forbes.com/sites/nextavenue/2019/06/11/what-some-nursing-homes-do-to-retain-quality-staff/
- 3. CMS. Staffing Data Submission Payroll Based Journal (PBJ). https://www.cms.gov/Medicare/Quality-Initiatives-Patient-Assessment-Instruments/NursingHomeQualityInits/Staffing-Data-Submission-PBJ
- 4. Chidambaram P, Garfield R, Neuman T. COVID-19 Has Claimed the Lives of 100,000 Long-Term Care Residents and Staff. *Kaiser Family Foundation*. 2020. Nov 25, 2020. https://www.kff.org/policy-watch/covid-19-has-claimed-the-lives-of-100000-long-term-care-residents-and-staff/
- 5. Gorges R, Konetzka R. Staffing Levels and COVID-19 Cases and Outbreaks in U.S. Nursing Homes. *Journal of the American Geriatrics Society*. 2020 Nov 2020;68(11)doi:10.1111/jgs.16787
- 6. Abrams H, Loomer L, Gandhi A, Grabowski D. Characteristics of U.S. Nursing Homes with COVID-19 Cases. *Journal of the American Geriatrics Society*. 2020 Aug 2020;68(8)doi:10.1111/jgs.16661
- 7. Harrington C, Ross L, Chapman S, Halifax E, Spurlock B, Bakerjian D. Nurse Staffing and Coronavirus Infections in California Nursing Homes. *Policy, politics & nursing practice*. 2020 Aug 2020;21(3)doi:10.1177/1527154420938707

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- 8. Park JS, Sally C. Effects of state minimum staffing standards on nursing home staffing and quality of care. *Health services research*. 2009 Feb 2009;44(1)doi:10.1111/j.1475-6773.2008.00906.x
- 9. Bowblis J, Hyer K. Nursing home staffing requirements and input substitution: effects on housekeeping, food service, and activities staff. *Health services research*. 2013 Aug 2013;48(4)doi:10.1111/1475-6773.12046
- 10. Bowblis JR. Staffing ratios and quality: an analysis of minimum direct care staffing requirements for nursing homes. *Health services research*. 2011 Oct 2011;46(5)doi:10.1111/j.1475-6773.2011.01274.x
- 11. Webber T. Hospitals competing for nurses as US coronavirus cases surge. Nov 2 2020. https://apnews.com/article/hospitals-competing-nurses-virus-surge-0e1d92aa8002c1638d8bc9b692c01919
- 12. Xu H, Intrator O, Bowblis J. Shortages of Staff in Nursing Homes During the COVID-19 Pandemic: What are the Driving Factors? Journal of the American Medical Directors Association. *Journal of Post-Acute and Long-Term Care Medicine*. Oct 1 2020 2020;21(10):1371-1377. doi:doi:10.1016/j.jamda.2020.08.002
- 13. Spanko A. MedPAC Finds Total Margin for Nursing Homes Underwater for First Time Since 1999 Skilled Nursing News. Skilled Nursing News; 2020. July 19 2020. https://skillednursingnews.com/2020/07/medpac-finds-total-margin-for-nursing-homes-underwater-for-first-time-since-1999/