

March to November 2020 saw drop in COVID-19 mortality at nursing homes

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(HealthDay)—Between March and November 2020, there was a

decrease in 30-day mortality rates among nursing home residents with COVID-19, according to a report published online March 11 in *Health Affairs*.

Cyrus M. Kosar, from the Brown University School of Public Health in Providence, Rhode Island, and colleagues examined changes in 30-day mortality rates between March and November 2020 among 12,271 nursing home residents with COVID-19 using [clinical data](#) obtained for 282 nursing homes in 24 states owned by a large provider.

The researchers observed a significant decline in adjusted mortality rates from a high of 20.9 percent in early April to 11.2 percent in early November. Decreases in [mortality rates](#) were seen for residents with symptomatic infections and asymptomatic infections and for those with high and low clinical complexity.

"Understanding the dynamic risk for mortality from COVID-19 among nursing [home residents](#) is critical for identifying the mechanisms affecting outcomes in this vulnerable population," the authors write.

"Future research is needed to explore the impact of other extrinsic factors affecting COVID-19 mortality in nursing homes, including improvements in [personal protective equipment](#) supply, staff adoption of and skill with personal protective equipment, specific changes in the clinical management of COVID-19, and potential severe acute respiratory syndrome coronavirus-2 genetic variants."

Two authors disclosed financial ties to the nursing home and long-term care industries.

More information: [Abstract/Full Text \(subscription or payment may be required\)](#)

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