COVID-19 cases, deaths down in seniors after vaccine introduction
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The researchers found that 82, 63, and 42 percent of persons aged ≥65, 50 to 64, and 18 to 49 years had received one or more COVID-19 vaccine doses by May 1, 2021. Comparing the oldest age group (≥70 for hospital admissions; ≥65 for other measures) with adults aged 18 to 49 years yielded rate ratios for COVID-19 incidence, emergency department visits, hospital admissions, and deaths that were 40, 59, 65, and 66 percent lower, respectively, in late April.

"Comparing the two-week prevaccination period with two weeks in late April, declines were significantly greater among older adults, who had higher vaccination coverage, than among younger adults, who had lower coverage," the authors write. "These age-stratified results provide ecologic evidence of the likely contribution of vaccination coverage to reducing COVID-19 outcomes."

More information: Abstract/Full Text

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