

Excess deaths estimated for ESRD patients during COVID-19

June 7 2021



(HealthDay)—A total of 8.7 to 12.9 excess deaths were estimated per

1,000 end-stage renal disease (ESRD) patients during the early stage of the COVID-19 pandemic, according to research published in the June 4 issue of the U.S. Centers for Disease Control and Prevention *Morbidity and Mortality Weekly Report*.

Robert Ziemba, Ph.D., from the Health Services Advisory Group Inc. in Tampa, Florida, and colleagues obtained excess death estimates among ESRD patients by comparing observed and predicted monthly numbers of deaths during Feb. 1 to Aug. 31, 2020, with predicted deaths modeled based on data from Jan. 1, 2016, to Dec. 31, 2019.

The researchers estimated 8.7 to 12.9 excess deaths per 1,000 ESRD patients, representing a total of 6,953 to 10,316 excess deaths in a population of 798,611 ESRD patients during the study period. Network 2 (New York), Network 3 (New Jersey, Puerto Rico, and the U.S. Virgin Islands), and Network 14 (Texas) were the three Network service areas with the highest estimated number of excess deaths per 1,000 patients.

"The findings of this report suggest that deaths among ESRD patients during the early phase of the pandemic exceeded those that would have been expected based on previous years' data," the authors write.

"Geographic and temporal patterns of excess mortality should be considered during planning and implementation of interventions, such as COVID-19 vaccination, infection control guidance, and patient education."

More information: [Abstract/Full Text](#)

Copyright © 2021 [HealthDay](#). All rights reserved.

Citation: Excess deaths estimated for ESRD patients during COVID-19 (2021, June 7) retrieved 1 February 2024 from <https://medicalxpress.com/news/2021-06-excess-deaths-esrd-patients->

[covid-.html](#)

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.