

# Hospitalization of infants, children aged 0 to 4 up during Omicron

March 17 2022

---



(HealthDay)—U.S. infants and children aged 0 to 4 years were

hospitalized at a much higher rate during Omicron variant predominance than during delta variant predominance, according to research published in the March 15 early-release issue of the U.S. Centers for Disease Control and Prevention *Morbidity and Mortality Weekly Report*.

Kristin J. Marks, Ph.D., from the CDC COVID-19 Emergency Response Team, and colleagues describe COVID-19-associated hospitalizations among U.S. infants and children aged 0 to 4 years since March 2020 using data from the Coronavirus Disease 19-Associated Hospitalization Surveillance Network.

The researchers found that the weekly COVID-19-associated hospitalization rates per 100,000 children aged 0 to 4 years peaked at 14.5 during the period of Omicron predominance (Dec. 19, 2021, to Feb. 19, 2022; peak at week ending Jan. 8, 2022). This Omicron predominant period peak was about five times that seen during the delta predominant period (June 27 to Dec. 18, 2021; peak at week ending Sept. 11, 2021). Sixty-three percent of the hospitalized infants and [children](#) had no underlying [medical conditions](#) during the period of Omicron predominance; 44 percent of hospitalizations were accounted for by infants aged

Citation: Hospitalization of infants, children aged 0 to 4 up during Omicron (2022, March 17) retrieved 15 February 2024 from <https://medicalxpress.com/news/2022-03-hospitalization-infants-children-aged-omicron.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.