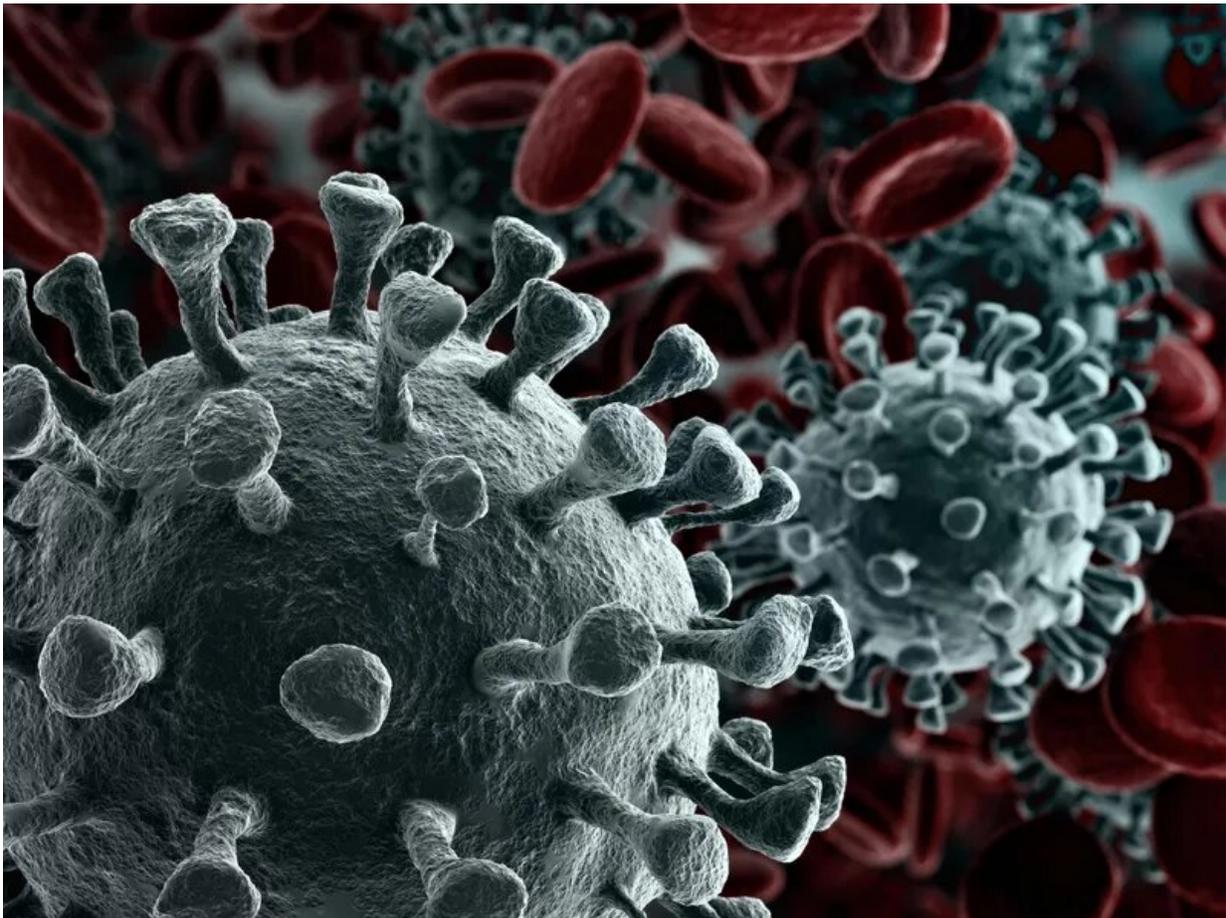


New BA.2 COVID subvariant taking hold in United States

May 5 2022



Yet another subvariant of of the [Omicron variant](#) is spreading rapidly in

the United States and is likely to become the dominant strain within weeks, experts say.

Early research suggests that BA.2.12.1—a subvariant of the highly contagious BA.2 subvariant—is better able to evade the [immune system](#) than previous versions of the coronavirus, but it's not clear yet if it causes more [severe illness](#), *The New York Times* reported.

In the week ending April 30, BA.2.12.1 accounted for about 36% of all new cases nationwide, according to [data](#) from the U.S. Centers for Disease Control and Prevention. That compares with 26% the week before and 16% during the second week in April.

BA.2.12.1 was first [detected](#) in New York State in April, and it is spreading more rapidly than the first versions of Omicron.

"Omicron was more transmissible than Delta, which was more transmissible than Alpha," Krista Queen, director of viral genomics and surveillance at Louisiana State University, told the *Times*. BA2.12.1 is following that trend, "and that's why it's taking over now, especially in the Northeast," she explained.

Queen expects rising numbers of infections caused by the new subvariant to spread from the Northeast to the South then the West. "We're already seeing it here in Louisiana," she noted.

Overall, reported coronavirus cases in the United States have risen 50% in the last two weeks, according to a *Times* database, but the actual number may be much higher because the use of at-home tests has increased and those results are often not officially reported. In the last two weeks, COVID-19 hospitalizations have climbed 18% and deaths have increased 17%.

The CDC is starting to focus on BA.2.12.1 in addition to BA.2., director Dr. Rochelle Walensky [said](#) last week.

"Epidemiologically, it doesn't appear as if we're seeing more [severe disease](#) in places that are having more cases," she said. "So we are not anticipating more severe disease from some of these subvariants, but we are actively studying it."

BA.2.12.1 may be better able to outwit the body's immune defenses, but its spread is also being aided by "the great unmasking," according to Taj Azarian, a genomic epidemiologist at the University of Central Florida.

"We're in this phase of pandemic fatigue and complacency," he told the *Times*. "And while we need to balance the weight of mental health with the risk of contraction, as a result we've seen an uptick not only in the Omicron variant but other respiratory illness."

More information: Visit the U.S. Centers for Disease Control and Prevention for more on [COVID variants](#).

Copyright © 2022 [HealthDay](#). All rights reserved.

Citation: New BA.2 COVID subvariant taking hold in United States (2022, May 5) retrieved 4 June 2024 from <https://medicalxpress.com/news/2022-05-ba2-covid-subvariant-states.html>

<p>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.</p>
--