

# South Africa's latest COVID surge blamed on omicron mutant

April 28 2022, by Andrew Meldrum and Laura Ungar

---



A woman wears a face shield to protect against COVID-19 at a taxi rank in Soweto, South Africa, Tuesday, April 5, 2022. South Africa is seeing a rapid surge of COVID-19 cases from a sub-variant of omicron, say health experts. Credit: AP Photo/Denis Farrell

South Africa is seeing a rapid rise in COVID-19 cases driven by yet another version of the coronavirus, health experts say.

Cases had been dropping in the country since February. But a new [omicron](#) subvariant that scientists call BA.4 began pushing up cases last week and they have risen rapidly since, said Salim Abdool Karim, who previously advised the government on its COVID-19 response.

So far, there has been only a slight rise in hospitalizations and no increase in deaths, said Abdool Karim, who is a public health expert at the University of KwaZulu-Natal.

South Africa is recording just over 6,000 COVID-19 cases a day, up from a few hundred just a few weeks ago. The proportion of positive tests jumped from 4% in mid-April to 19% Thursday, according to official figures. Wastewater surveillance has also shown increases in coronavirus spread.

The new mutant appears to be quickly achieving dominance over the original omicron and other versions of the virus, but Abdool Karim said "it's too early to tell whether BA.4 is going to cause a fully-fledged wave."

Still, the new version is notable because the [omicron variant](#) first emerged in November in South Africa and Botswana before sweeping around the world.

There is one concerning trend, said Helen Rees, executive director of the Reproductive Health and HIV Institute at the University of Witwatersrand in Johannesburg: Children are the first to be winding up in hospitals, just like during the original omicron surge.



Thoko Dube, who lost two family members to COVID-19, speaks to the Associated Press during an interview at her home in Soweto, South Africa, Thursday, March 3, 2022. South Africa is seeing a rapid surge of COVID-19 cases from a sub-variant of omicron, say health experts. Credit: AP Photo/Themba Hadebe

Experts say BA.4 seems to be more transmissible than both the original omicron variant and an omicron relative known as BA.2. Scientists are still studying the new mutant, but it doesn't appear that BA.4 causes more [severe disease](#) than other versions of the virus, WHO said in [a recent report](#).

In South Africa, gatherings for the recent Easter, Ramadan and Passover holidays, plus massive flooding in the coastal city of Durban, may have

contributed to the current surge, Abdool Karim said.

BA.4 has shown up in other countries, but it's not clear whether it "it's going to become a globally dominant variant," he said.

So far, it hasn't made inroads in the U.S., where BA.2 remains the dominant strain and its descendant, called BA.2.12.1, is gaining ground. That descendant is believed to spread faster than previous versions of the virus and caused about 29% of U.S. COVID cases in the latest week, according to the [U.S. Centers for Disease Control and Prevention](#).

Can BA.4 out-compete BA.2.12.1? Dr. Stuart Campbell Ray, a Johns Hopkins University infectious disease expert, said the two variants are spreading in different populations, and he doesn't know of any data "that would support a robust direct comparison."

Since the start of the pandemic, South Africa has had the lion's share of COVID-19 in Africa. Although the country's 60 million people account for less than 5% of Africa's population of 1.3 billion, South Africa has had more than a quarter of the continent's 11.4 million reported cases and nearly half of Africa's 252,000 deaths. Experts say that may be because it has a more developed public health system and keeps better records of hospitalizations and deaths than other African countries.

More than 44% of adult South Africans are vaccinated against COVID-19, according to government statistics.

Benido Impouma, a WHO official in Africa, said the latest surge "shows that people must remain vigilant and continue to adhere to public safety measures such as wearing masks, washing hands and social distancing."

© 2022 The Associated Press. All rights reserved. This material may not be published, broadcast, rewritten or redistributed without permission.

Citation: South Africa's latest COVID surge blamed on omicron mutant (2022, April 28)  
retrieved 17 July 2024 from <https://medicalxpress.com/news/2022-04-south-africa-latest-covid-surge.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.