

# Kids' low COVID-19 vaccination rates called a 'gut punch'

January 12 2022, by Lindsey Tanner

---



Elsa Estrada, 6, smiles at her mother as pharmacist Sylvia Uong applies an alcohol swab to her arm before administering the Pfizer COVID-19 vaccine at a pediatric vaccine clinic for children ages 5 to 11 set up at Willard Intermediate School in Santa Ana, Calif., Nov. 9, 2021. As of Tuesday, Jan. 11, 2022, just over 17% of children in the U.S. ages 5 to 11 were fully vaccinated, more than two months after shots for them became available. Credit: AP Photo/Jae C. Hong, File

Distrust, misinformation and delays because of the holidays and bad weather have combined to produce what authorities say are alarmingly low COVID-19 vaccination rates in U.S. children ages 5 to 11.

As of Tuesday, just over 17% were fully vaccinated, more than two months after shots became available to the age group. While Vermont is at 48%, California is just shy of 19% and Mississippi is at only 5%.

Vaccinations among the elementary school set surged after the shots were introduced in the fall, but the numbers have crept up slowly since then, and omicron's explosive spread appears to have had little effect.

The low rates are "very disturbing," said Dr. Robert Murphy, executive director for the Institute for Global Health at Northwestern University's Feinberg School of Medicine. "It's just amazing."

Parents who hesitate "are taking an enormous risk and continuing to fuel the pandemic," Murphy said.

Hospitalizations of children under 18 with COVID-19 in the U.S. have climbed to their highest levels on record in the past few weeks. Many have other conditions made worse by COVID-19, though many aren't sick enough to require intensive care.

The low vaccination rates and rising hospitalizations are "a gut punch, especially when we've been working so hard to keep these kids well," said Dr. Natasha Burgert, a pediatrician in Overland Park, Kansas.



Before getting her own shot, Keimari Gresham, 7, watches as her older sister receives the COVID-19 vaccination at Englewood Health in Englewood, N.J., Nov. 8, 2021. As of Tuesday, Jan. 11, 2022, just over 17% of children in the U.S. ages 5 to 11 were fully vaccinated, more than two months after shots for them became available. Credit: AP Photo/Seth Wenig, File

The vaccines have proved highly safe and effective at reducing the risk of severe illness, hospitalization and death.

Overall, 63% of Americans are fully vaccinated. Among children 12 to 17, the rate is 54%.

COVID-19 shots for young children have been authorized in at least 12 countries. In Canada, where Pfizer shots were cleared for ages 5 to 11 in



November, just 2% are fully vaccinated.

Snowstorms, tornadoes and other heavy weather in December are believed to have slowed the pace of vaccination in the U.S., along with the busy holiday season. Also, some parents are distrustful because the vaccine is so new, and many have other concerns.

Chicago mother Kendra Shaw has resisted shots for her two school-age children, saying she worries about possible risks and isn't convinced the benefits are worth it.



McKenzie Farias, 8, holds the hand of her father, Michael, as she receives the Pfizer COVID-19 vaccine for children ages 5-11 at a state-run site in Cranston, R.I., Nov. 4, 2021. As of Tuesday, Jan. 11, 2022, just over 17% of children in the U.S. ages 5 to 11 were fully vaccinated, more than two months after shots for

them became available. Credit: AP Photo/David Goldman, File

But this week, her 10-year-old daughter pleaded to get vaccinated so she wouldn't miss school, and her soon-to-be 7-year-old son asked for his shots so he could have a big birthday party.

Shaw scheduled their first doses for Wednesday but said: "I'm really on the fence."

Daniel Kotzin, of Denver, said he is convinced he made the right decision not to vaccinate his 5-year-old daughter and 7-year-old son because most omicron cases seem to be mild.

"They are essentially at no risk of harm, so I really don't understand the reason to vaccinate them," he said.

Doctors say that kind of thinking is misguided and part of the problem.

"It's true, kids in general do better than adults with COVID," said Dr. Elizabeth Murray, a pediatric emergency medicine physician in Rochester, New York, and a spokeswoman for the American Academy of Pediatrics, "but 'not too sick' still can mean miserable with fevers and muscle aches for a week. It can also mean MIS-C or long COVID."



Children ages 5 to 11 wait in line with their parents to receive the Pfizer COVID-19 vaccine at a pediatric vaccine clinic set up at Willard Intermediate School in Santa Ana, Calif., Nov. 9, 2021. As of Tuesday, Jan. 11, 2022, just over 17% of children in the U.S. ages 5 to 11 were fully vaccinated, more than two months after shots for them became available. Credit: AP Photo/Jae C. Hong, File

MIS-C, or multisystem inflammatory syndrome, is a rare but serious condition linked to COVID-19 that can affect many organs and typically requires hospitalization.

Authorities don't think omicron is making children and adults more seriously ill than other variants, and say hospitalization rates are up partly because it is so much more contagious.



Some children have been admitted for conditions such as lung disease, diabetes and sickle cell disease that have worsened because of an omicron infection, doctors say.

Dr. Jesse Hackell, a pediatrician in Pomona, New York, said that at least 25% of his patients ages 5 to 11 are vaccinated, but that after an initial rush in the fall, the numbers have dwindled.

"It's a tough sell," he said. "We're not ready" is a common comment, Hackell said. "When I ask, 'What are you waiting for?' I get kind of a shrug. I've had a few say, 'We're not going to be the first million. We'll wait to see what happens.'"



Julia Breguet, 8, wears a sticker on her shirt after receiving the Pfizer COVID-19 vaccine for children ages 5-11 at a state-run site in Cranston, R.I.,

Nov. 4, 2021. As of Tuesday, Jan. 11, 2022, just over 17% of children in the U.S. ages 5 to 11 were fully vaccinated, more than two months after shots for them became available. Credit: AP Photo/David Goldman, File



Chase Skulnik, 8, receives a COVID-19 vaccination while his mother Lindsay Skulnik holds his hand at Englewood Health in Englewood, N.J., Nov. 8, 2021. As of Tuesday, Jan. 11, 2022, just over 17% of children in the U.S. ages 5 to 11 were fully vaccinated, more than two months after shots for them became available. Credit: AP Photo/Seth Wenig, File





A child arrives with her parent to receive the Pfizer COVID-19 vaccine for children 5 to 11-years-old at London Middle School in Wheeling, Ill., Nov. 17, 2021. As of Tuesday, Jan. 11, 2022, just over 17% of children in the U.S. ages 5 to 11 were fully vaccinated, more than two months after shots for them became available. Credit: AP Photo/Nam Y. Huh, File

A frustrated Hackell said the government's vaccination campaign is clearly struggling against misinformation and "pseudoscience," the likes of which he has never seen before in his 40-plus years as a pediatrician.

He said the government needs to get tough and mandate the shots.

"If we could get every kid vaccinated across the board, it would go a long way. It wouldn't end the pandemic, but it would end the severe

disease," Hackell said. "It could help turn the virus into nothing more serious than the common cold, and we can deal with that."

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

Citation: Kids' low COVID-19 vaccination rates called a 'gut punch' (2022, January 12) retrieved 6 May 2024 from <https://medicalxpress.com/news/2022-01-kids-covid-vaccination-gut.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.