

Autism now more common among Black, Hispanic kids in US

March 23 2023, by Mike Stobbe



Deleah Payne, 12, center, spends time with her mother Delisa, right, and 6-year-old sister Delynn, left, as they watch movie clips on their living room television in Evansville, Ind., Tuesday evening, Aug. 27, 2019. Deleah and Delynn were both diagnosed with autism. For the first time, autism is being diagnosed more frequently in Black and Hispanic children than in white kids in the U.S., the Centers for Disease Control and Prevention said Thursday, March 23, 2023. Credit: Sam Owens/Evansville Courier & Press via AP, File

For the first time, autism is being diagnosed more frequently in Black and Hispanic children than in white kids in the U.S., the Centers for Disease Control and Prevention said Thursday.

Among all U.S. 8-year-olds, 1 in 36 had autism in 2020, the CDC estimated. That's up from 1 in 44 two years earlier.

But the rate rose faster for children of color than for white kids. The new estimates suggest that about 3% of Black, Hispanic and Asian or Pacific Islander children have an autism diagnosis, compared with about 2% of white kids.

That's a contrast to the past, when autism was most commonly diagnosed in white kids—usually in middle- or upper-income families with the means to go to autism specialists. As recently as 2010, white kids were deemed 30% more likely to be diagnosed with autism than Black children and 50% more likely than Hispanic children.

Experts attributed the change to improved screening and autism services for all kids, and to increased awareness and advocacy for Black and Hispanic families.

The increase is from "this rush to catch up," said David Mandell, a University of Pennsylvania psychiatry professor.

Still, it's not clear that Black and Hispanic children with autism are being helped as much as their white counterparts. A [study](#) published in January found Black and Hispanic kids had less access to autism services than white children during the 2017-2018 academic year.

Autism is a developmental disability caused by differences in the brain. There are many possible symptoms, many of which overlap with other diagnoses. They can include delays in language and learning, social and

emotional withdrawal, and an unusual need for routine. Scientists believe genetics can play a role, but there is no known biological reason why it would be more common in one racial or ethnic group than another.

For decades, the diagnosis was given only to kids with severe problems communicating or socializing and those with unusual, repetitive behaviors. But around 30 years ago, the term became shorthand for a group of milder, related conditions known as "autism spectrum disorders."

There are no blood or biologic tests for it. It's diagnosed by making judgments about a child's behavior.

To estimate how common autism is, the CDC checks health and school records in 11 states and focuses on 8-year-olds, because most cases are diagnosed by that age. Other researchers have their own estimates, but experts say the CDC's estimate is the most rigorous and is considered the gold standard.

The overall autism rate has been rising for decades and it remains far more common among boys than girls. But the latest study also found, for the first time, that more than 1% of 8-year-old girls had been diagnosed with it.

A second CDC report issued Thursday looked at how common autism was in 4-year-olds. That research is important because diagnoses are increasingly happening at younger ages, said Kelly Shaw, who oversees the CDC autism tracking project.

Black children with autism have historically been diagnosed at later ages than their white peers, said Rose Donohue, a psychiatrist at Washington University. But the study of 4-year-olds likewise found that autism was less common in white kids in 2020 than it was among Black, Hispanic

and Asian and Pacific Islander children.

The 4-year-olds, however, were less likely to have been evaluated for autism than kids in the past. That was likely due to interruptions in child care and medical services during that first year of the COVID-19 pandemic, Shaw said.

More information: Bennett M. Liu et al, Racial and Ethnic Disparities in Geographic Access to Autism Resources Across the US, *JAMA Network Open* (2023). [DOI: 10.1001/jamanetworkopen.2022.51182](https://doi.org/10.1001/jamanetworkopen.2022.51182)

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Citation: Autism now more common among Black, Hispanic kids in US (2023, March 23) retrieved 22 November 2023 from <https://medicalxpress.com/news/2023-03-autism-common-black-hispanic-kids.html>

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