

## Many U.S. children eligible for type 2 diabetes screening

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(HealthDay)—Many children are eligible for type 2 diabetes screening,

but few test positive for prediabetes or diabetes, according to a study published online Aug. 10 in *Pediatrics*.

Amelia S. Wallace, from the Johns Hopkins Bloomberg School of Public Health in Baltimore, and colleagues conducted a [cross-sectional analysis](#) involving 14,119 youth aged 10 to 19 years in the 1999 to 2016 National Health and Nutrition Examination Survey. The authors evaluated the performance of the American Diabetes Association risk-based screening criteria, as well as the performance of current clinical definitions of prediabetes and diabetes based on hemoglobin A1c (HbA1c) and fasting plasma glucose (FPG) for identifying high cardiometabolic risk.

The researchers found that 25.5 percent of U.S. youth were eligible for screening. The [sensitivity](#) and specificity of the screening criteria for detecting any hyperglycemia were low for HbA1c  $\geq 5.7$  percent (55.5 and 76.3 percent, respectively) and FPG  $\geq 100$  mg/dL (35.8 and 77.1 percent, respectively). Confirmed undiagnosed diabetes was seen rarely (

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