

# Diabetes risk in overweight, obese teens varies substantially by baseline HbA1c

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Five-year diabetes risk among teens with overweight or obesity varies substantially by baseline HbA1c levels, according to a study [published](#) online Jan. 17 in *JAMA Network Open*.

Francis M. Hoe, M.D., from Kaiser Permanente Roseville Medical Center in California, and colleagues assessed the risk for future type 2 [diabetes](#) (T2D) among 74,552 [adolescents](#) (aged 10 to 17 years) with overweight and [obesity](#).

The researchers found that the overall T2D incidence was 2.1 per 1,000 person-years, with a five-year cumulative incidence of 1.0%. A higher five-year cumulative T2D incidence was associated with higher baseline HbA1c (

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