



# Ohio MCH Fact Sheet

## School-aged Children, Adolescents and Young Adults Type 2 Diabetes

### MCH Block Grant Needs Assessment Information

#### Key Data Summary – Ohio

- Ohio estimates were calculated using the U.S. prevalence rate (based on the SEARCH\*\* study), and applying it to the 2001 Ohio population based on the 2000 U.S. Census. The prevalence of type 2 diabetes in Ohio was 658, compared to 769 cases in the SEARCH study.

#### U.S./Ohio Comparison

- For children aged 0 to 19 years, the prevalence of type 2 diabetes in 2001 was 0.22 per 1,000 youth (data not shown).
- In 2001, there was a higher prevalence of type 2 diabetes among black children aged 10 to 19 years, compared to white non-Hispanic and Hispanic children, as shown in the first graph.
- Black children aged 10 to 14 years had higher incidence rates of type 2 diabetes, compared to non-Hispanic white and Hispanic white children. Black children aged 15 to 19 years also had higher incidence rates compared to non-Hispanic white children, as shown in the second graph.
- American Indians aged 15 to 19 years had the highest incidence rate of type 2 diabetes, as shown in the second graph.

#### Additional Information

- Diabetes mellitus is one of the leading chronic diseases of childhood and adolescence.
- Risk factors for type 2 diabetes include being overweight and having a family member with type 2 diabetes.

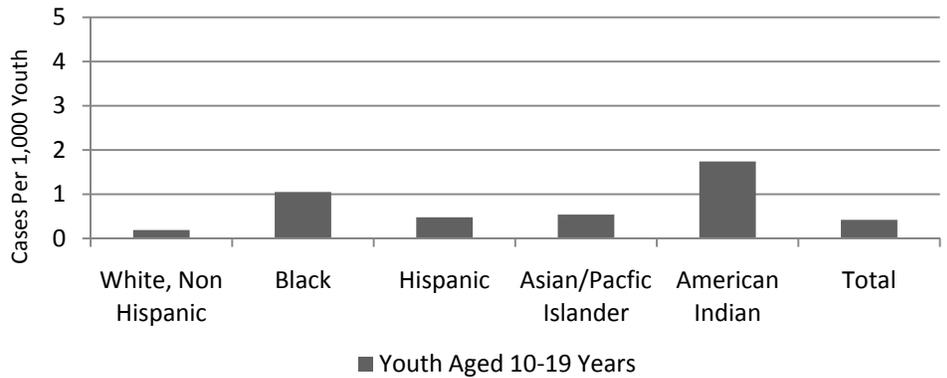
Source: *National Diabetes Education Program*

- For more information on the SEARCH study, go to <http://www.searchfordiabetes.org>.

\*\*SEARCH for Diabetes in Youth Study Group. (2006) The burden of Diabetes Mellitus Among US Youth: Prevalence Estimates from the SEARCH for Diabetes in Youth Study. *Pediatrics*; 118; 1510-1518

\*\*\*The Writing Group for the SEARCH for Diabetes in Youth Study Group (2007) Incidence of Diabetes in Youth in the United States. *JAMA*; 297:24(2716-2724).

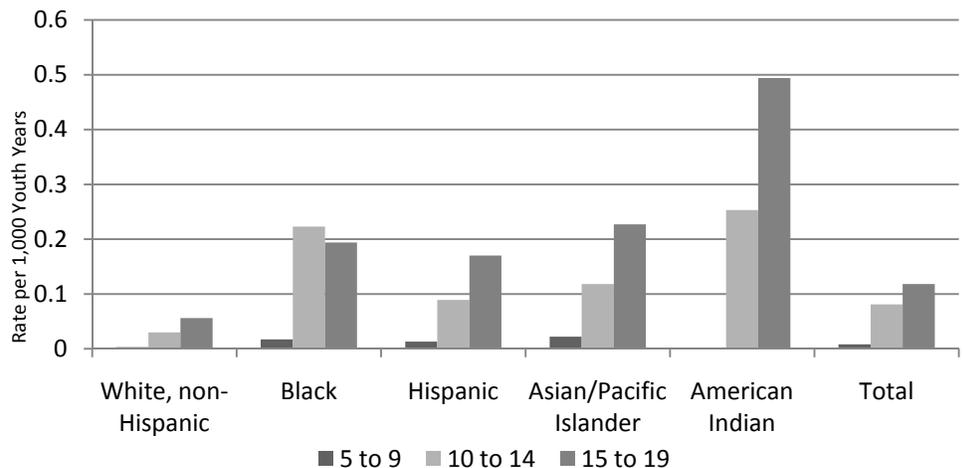
Prevalence of Type 2 Diabetes in Youth (10-19<sup>^</sup>),  
By Race/Ethnicity, United States, \* 2001



Source: The Writing Group for the SEARCH for Diabetes in Youth Study Group\*\*

<sup>^</sup>The prevalence rate for children aged 0-9 years for all racial/ethnic groups was less than 0.03 per 1,000 youth.

Incidence Rate of Type 2 Diabetes in Children/Youth (5-19),  
by Age and Race, United States, \* 2002-2003



Source: The Writing Group for the SEARCH for Diabetes in Youth Study Group\*\*\*

\*The incidence and prevalence data in the United States are estimated based on the findings in the SEARCH study. SEARCH is an epidemiological study conducted in six geographically dispersed populations that encompass the racial/ethnic diversity of the United States. The SEARCH study gathered data in Colorado, Hawaii, Ohio, South Carolina, Southern California and Washington state. The study is designed to characterize the burden of both type 1 and 2 diabetes, along with associated complications, levels of care and the impact on the daily lives of children and youth in the United States.

Source: *Centers for Disease Control and Prevention*

- Incidence Rate:** The number of new diabetes cases in the given year.
- Prevalence Rate:** The total number of diabetes cases within the specific population.