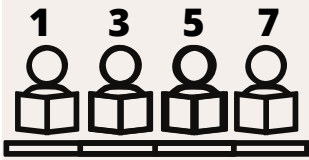


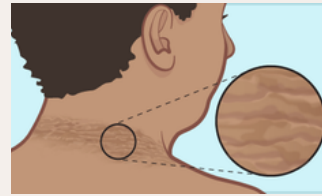


Children in Region 1 at Risk for Type 2 Diabetes

2023-2024

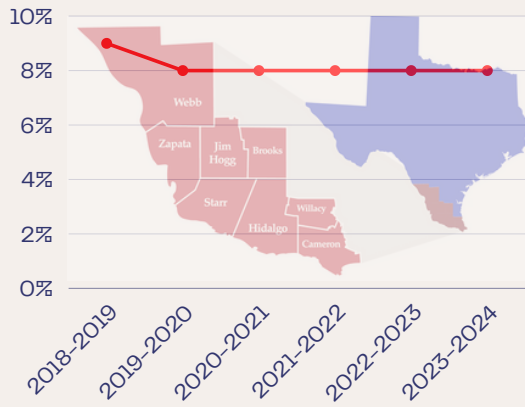


Texas children enrolled in 1st, 3rd, 5th and 7th grades are assessed for the Acanthosis Nigricans marker (AN).



(AN) is a skin condition that signals high insulin levels and high risk of developing Type 2 Diabetes.

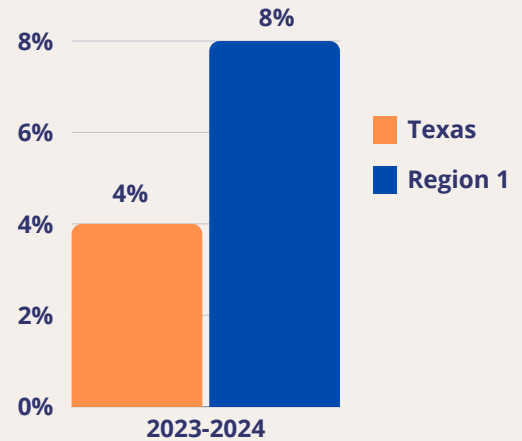
ACANTHOSIS SCREENINGS IN TEXAS EDUCATION AGENCY-REGION 1



The AN risk factor percentage among children has decreased by 1% since the 2018-2019 school year.

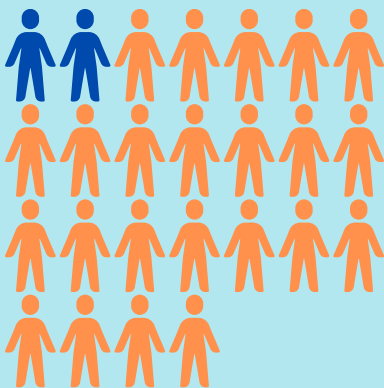
CHILDREN WITH (AN): REGION 1 VS STATE

*The Rio Grande Valley is part of Texas Education Agency Region 1.



Children living in Region 1 have a higher chance of developing type 2 diabetes.

2 of 25 children

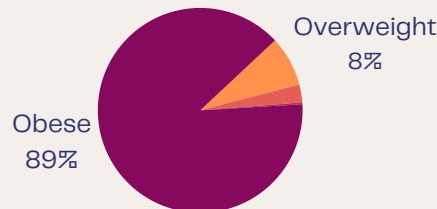


have Acanthosis Nigricans and high risk of developing Type 2 Diabetes

ACANTHOSIS AND OTHER HEALTH RISKS

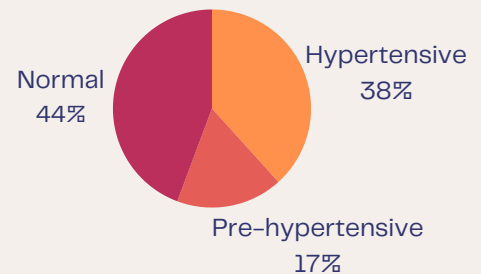
Children who are identified with the AN marker are also assessed for body mass index (BMI) and blood pressure.

(AN) and Weight



Children with AN also showed high rates of obesity.

(AN) and Blood Pressure



Children with AN also showed high rates of Pre-Hypertensive or Hypertensive Blood pressure.

Source: [UTRGV Border Health Office](#), [Texas Risk Assessment](#)