

## Introduction and description of data used

The data involved in this report include students graduating from a North Dakota high school from 2010-2017 and receiving either the academic or CTE state scholarship.

## Summary of scholarship recipients

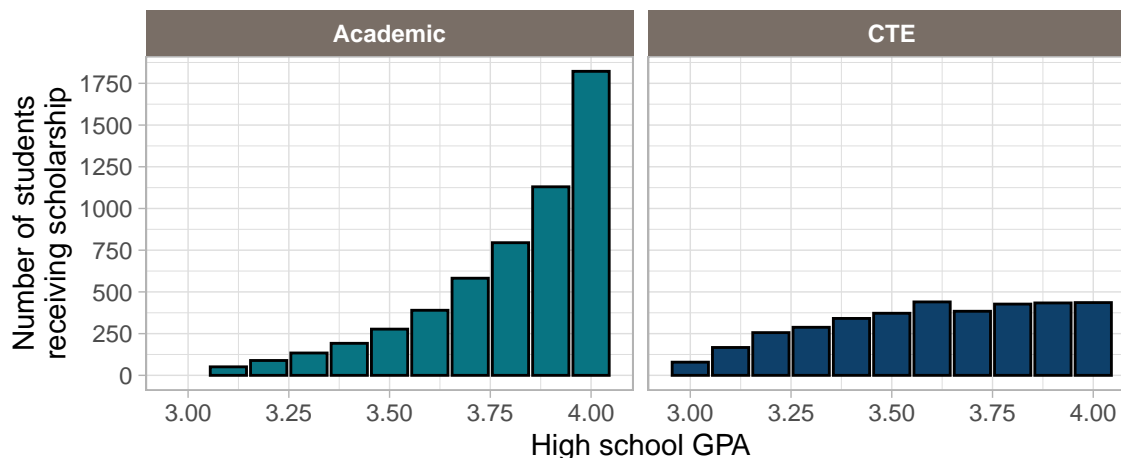


Figure 1: Number of students receiving scholarship by high school GPA

## Investigating GPA suspension of scholarship

7.0% of students who received the academic scholarship had it suspended for low GPA at any point while in college, while 13.4% of students who received the CTE scholarship had their scholarship suspended for low GPA.

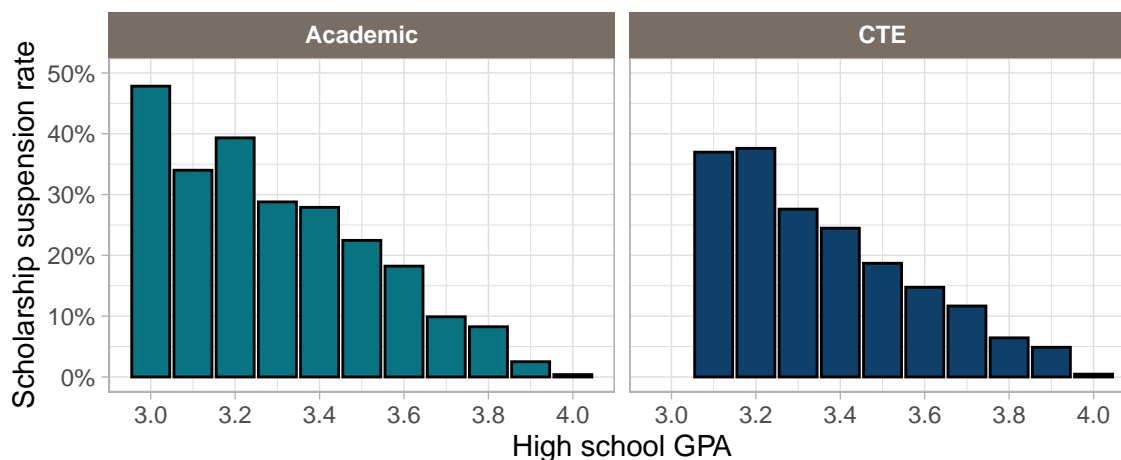


Figure 2: Percentage of scholarship recipients who have GPA suspension at any point in postsecondary by high school GPA

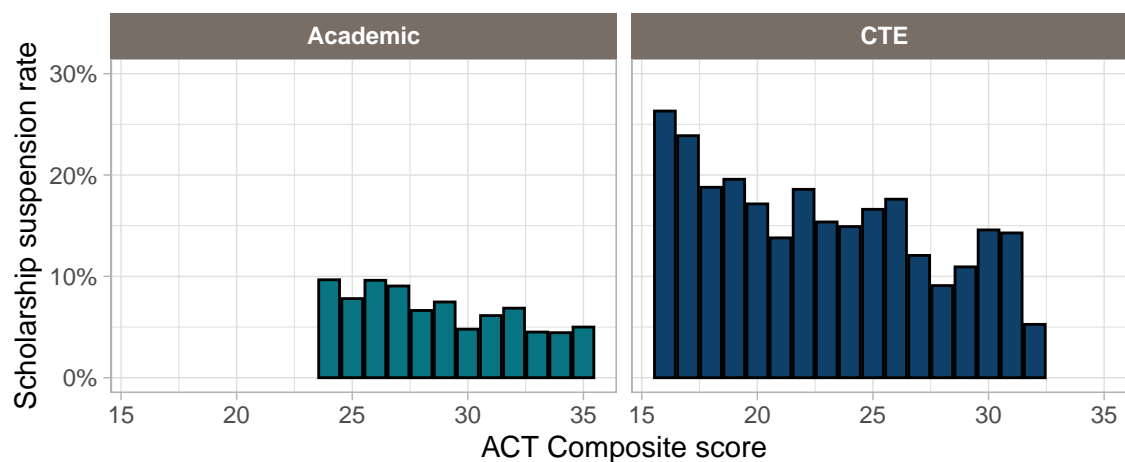
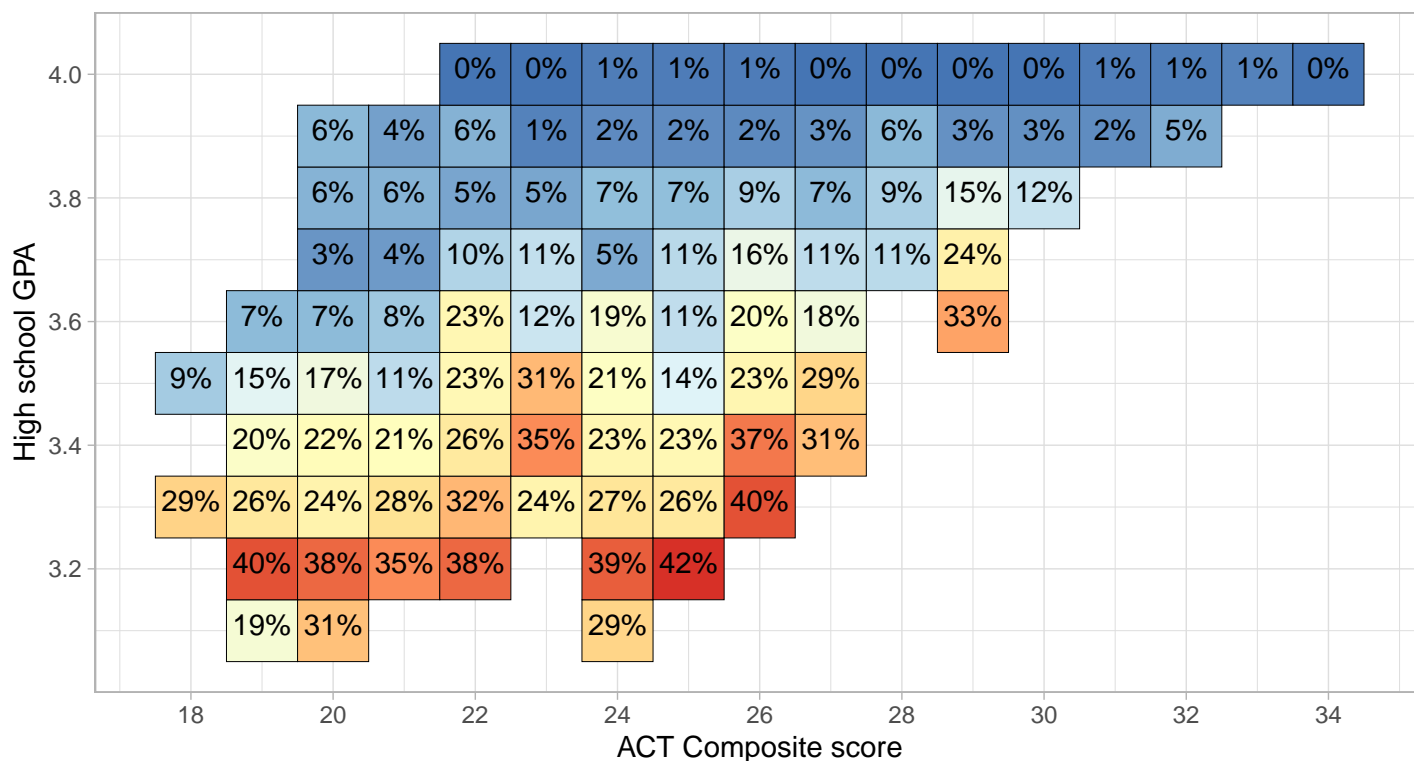


Figure 3: Percentage of scholarship recipients who have GPA suspension at any point in postsecondary by ACT Composite score

## Scholarship retention indicators

Interestingly, when comparing ACT Composite scores and high school GPA for scholarship recipients, it reveals that a student's GPA is far more indicative of scholarship retention risk than ACT Composite. For example, in the figure below, students with a 3.9 GPA had between a 2-6% scholarship suspension rate *regardless* of their ACT Composite scores, which ranged from 20 to 32. However, if students who scored a 24 on the ACT Composite are investigated, those that had a 4.0 GPA had a 1% suspension rate, compared to those with a 3.2 GPA had a 39% suspension rate, even though they had the same ACT Composite score.

### Scholarship suspension by GPA and ACT



\* Groups of 25 or more students

To further investigate this potential connection between high ACT scores and low GPAs being negatively associated with scholarship retention, the analysis was divided into looking at Academic and CTE scholarship separately.

Academic scholarship ACT vs GPA

While only 31.8% of students receiving the academic scholarship have a high school GPA below 3.7, they make up the group that shows a negative correlation between GPA and ACT composite score. Figure 4 below shows the GPA suspension rate for the Academic scholarship for those students with a GPA below 3.7 by ACT composite score and high school GPA. Figure 5 at the bottom of the page shows the estimated GPA suspension rates for all Academic scholarship recipients by GPA and ACT composite score.

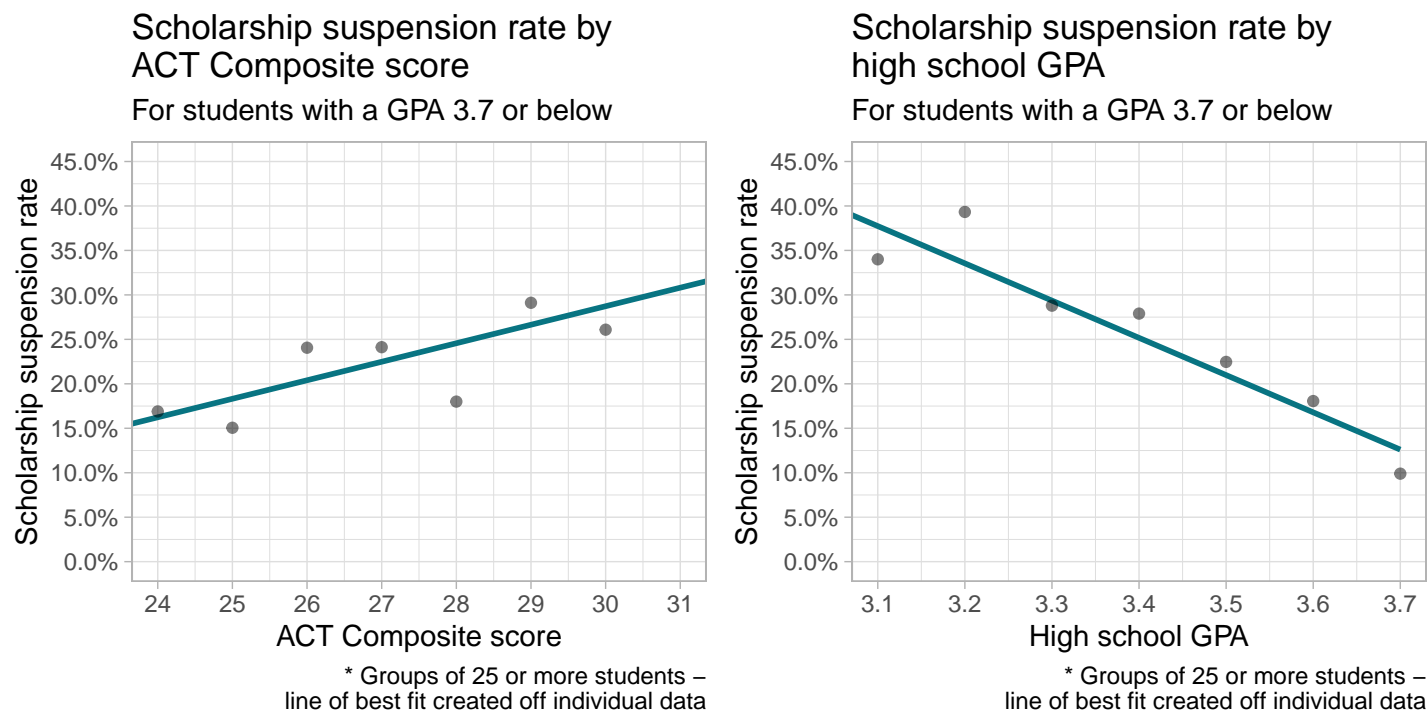


Figure 4: Scholarship suspension rates for students receiving the Academic Scholarship with a 3.7 or lower GPA by ACT Composite score and high school GPA

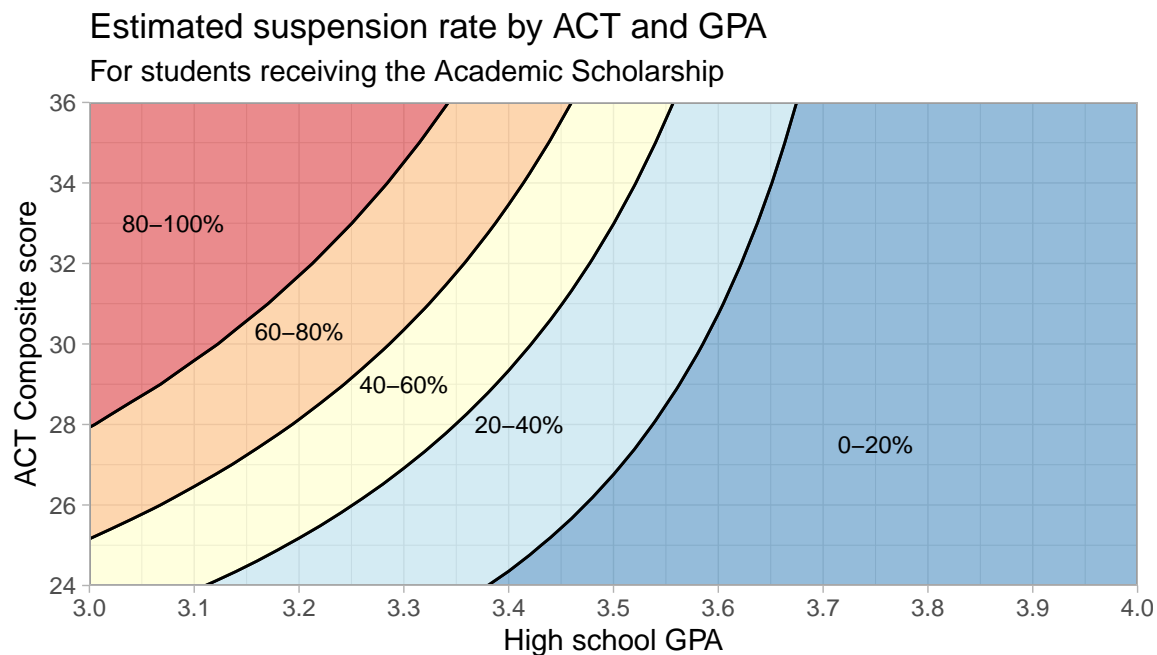


Figure 5: Estimated GPA suspension rates for students receiving the Academic Scholarship by ACT and GPA

## CTE scholarship ACT vs GPA

The recipients of the CTE scholarship have slightly different overall characteristics compared to the Academic scholarship recipients. 64.5% of the recipients have a GPA below 3.7, and they show similar negative correlations with ACT composite score. However, the strength of this negative correlation is slightly lower than it is with Academic scholarship recipients. The figures below illustrate the relationship between ACT composite score and scholarship suspension rate, along with an estimated suspension rate by ACT and GPA for those students receiving the CTE scholarship.

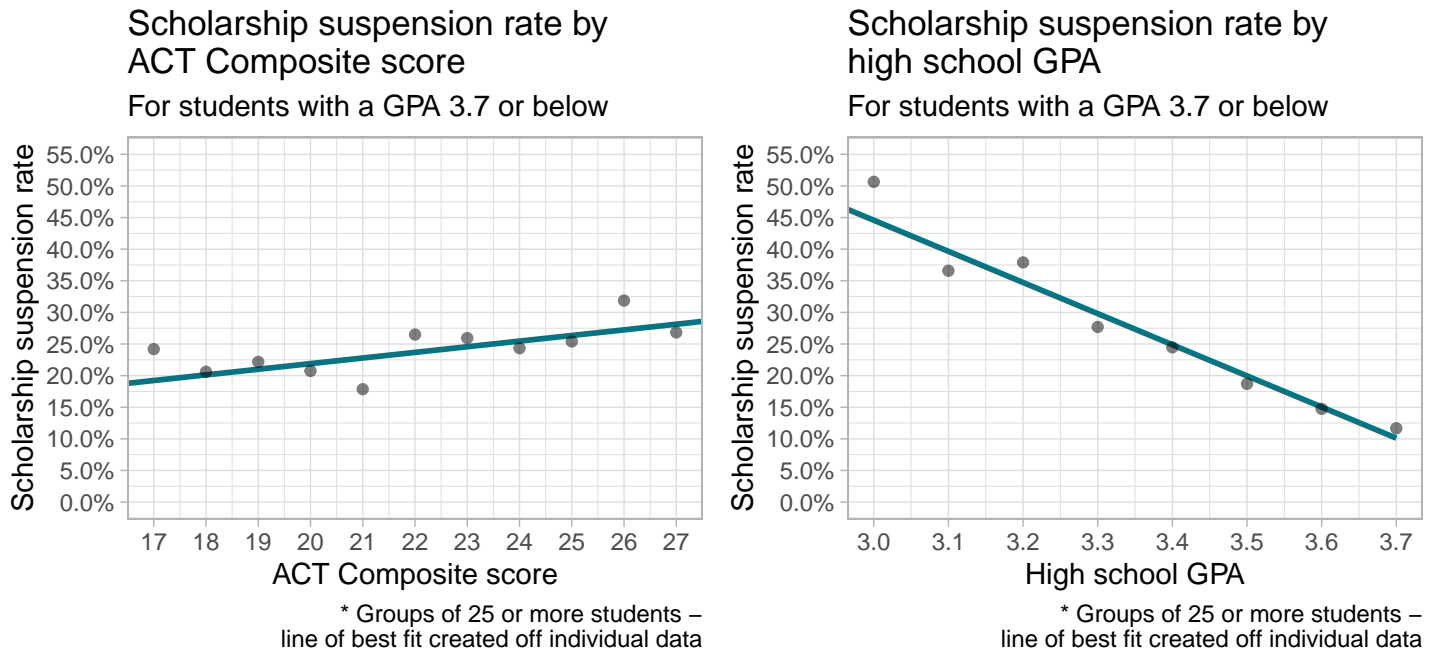


Figure 6: Scholarship suspension rates for students receiving the CTE Scholarship with a 3.7 or lower GPA by ACT Composite score and high school GPA

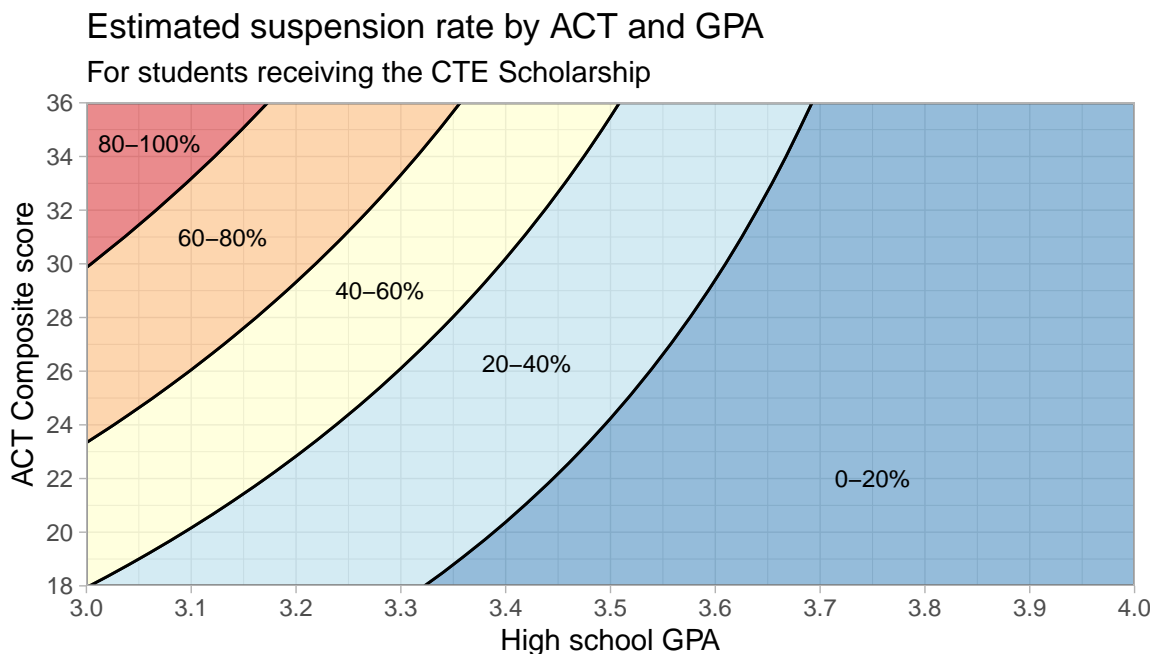


Figure 7: Estimated GPA suspension rates for students receiving the CTE Scholarship by ACT and GPA