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CENTER FOR RESEARCH ON EDUCATION OUTCOMES

# **City Study 2019: San Antonio**

# Acknowledgements

- Student-level data were provided by the Texas Education Agency (TEA) in partnership with the Texas Schools Project (TSP).
- City Education Partners assisted CREDO with verifying the list of San Antonio public schools.

# This Report

- This report on *San Antonio* is one in a series of studies examining school performance across selected U.S. cities.
- Performance is defined as how much academic growth students made from one year to the next.
- The performance of students in San Antonio is benchmarked to the state average, accounting for student characteristics.
- We first track the growth of San Antonio overall and by sector using data from 2013-14 to 2016-17.
- We then further explore how one-year academic growth for the period ending in Spring 2017 differs by sector, school type, race, poverty status, English language learner (ELL) status, special education status, and gender.

# Types of Charters

- **CMO: Charter Management Organizations**
  - To qualify as a CMO, an organization must oversee the operation of at least three charter schools. Further, the CMO must be the charter holder for all of the schools operated by the CMO.
- **EMO: Education Management Organizations**
  - To qualify as an EMO, an organization must provide services under contract to at least three separate charter schools, but does not hold the charter for any school they serve. The EMO must answer to the school's charter holder in addition to authorizers and state governance.
- **Independent Charter Schools**
  - To qualify as an independent charter school, an organization must oversee the operation of a single charter school. The charter-holding organization may run the school directly or they may contract with an organization which provides services to one or two charter schools.

# Presentation of Results

- The results display two sets of comparisons
  - The progress of San Antonio students is **benchmarked against the state average learning gains, accounting for student characteristics.**
    - Positive numbers represent better than average performance.
    - Negative numbers represent worse than average performance.
    - Significance in the difference between students in the city and the average state performance is represented by black asterisks.
  - The progress of charter school students within San Antonio is then **compared to the performance of similar TPS students within San Antonio.**
    - Significance in the difference between a student group in charter schools and the same student group in TPS is represented by colored asterisks.

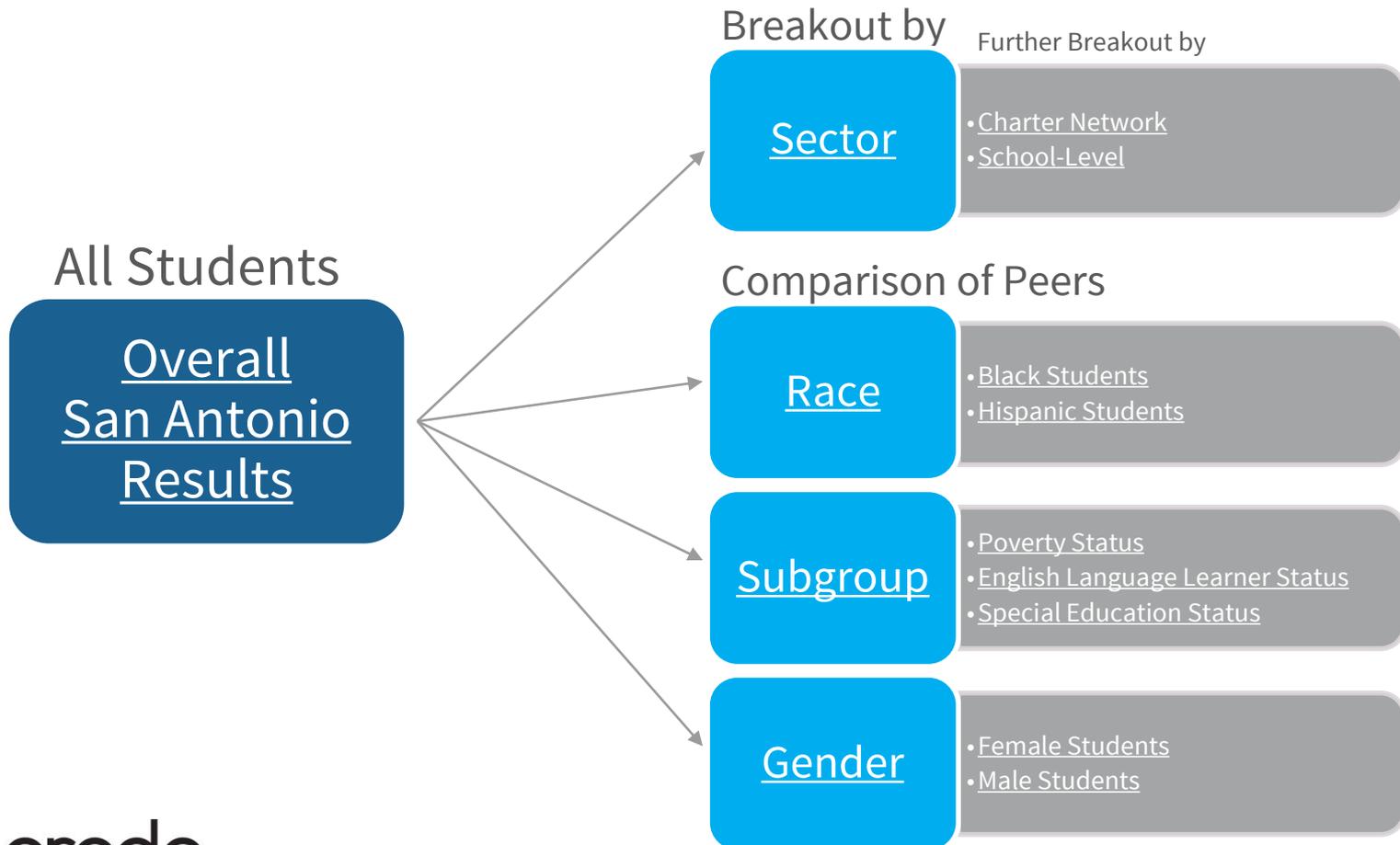
# Measurement of Academic Growth

- Results are graphically displayed on two axes:
  - The left axis indicates learning gains of San Antonio students relative to the average learning gains of students with similar characteristics in the state, measured in **standard deviation units**.
  - The right axis displays the same learning gains measured in **days of learning**.
    - The baseline of 0.00 represents 180 days of learning.
    - Positive performance translates to more days of learning.
    - Negative performance represents fewer days of learning.
- The table below shows a transformation of standard deviation units to days of learning.

Standard Deviations	Days of Learning
0.05	30
0.10	59
0.15	89
0.20	118
0.25	148
0.30	177
0.35	207

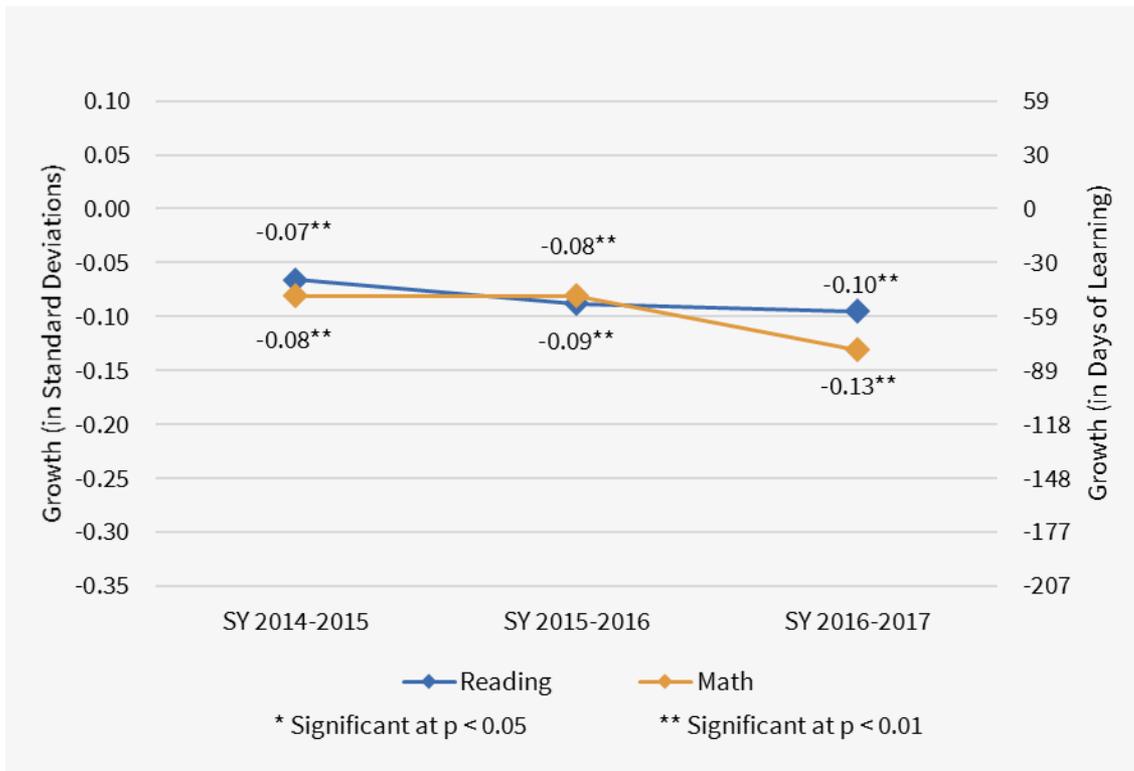
# Roadmap for Graphs

This menu includes links to specific analyses throughout the report.  
In the following slides, the same menu is shown on the right-hand side.



# San Antonio Analysis: All Students

Average One-Year Learning Gains for All San Antonio Students Compared to the State Average Learning Gains, by Year and Subject



The 0.00 line represents the average learning gains of the entire state.

These results capture one-year academic growth for the period ending in the Spring of each school year (SY).

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# Sector Analysis

Click the buttons below for reading and math growth of San Antonio schools relative to the state average learning gains by year and sector.

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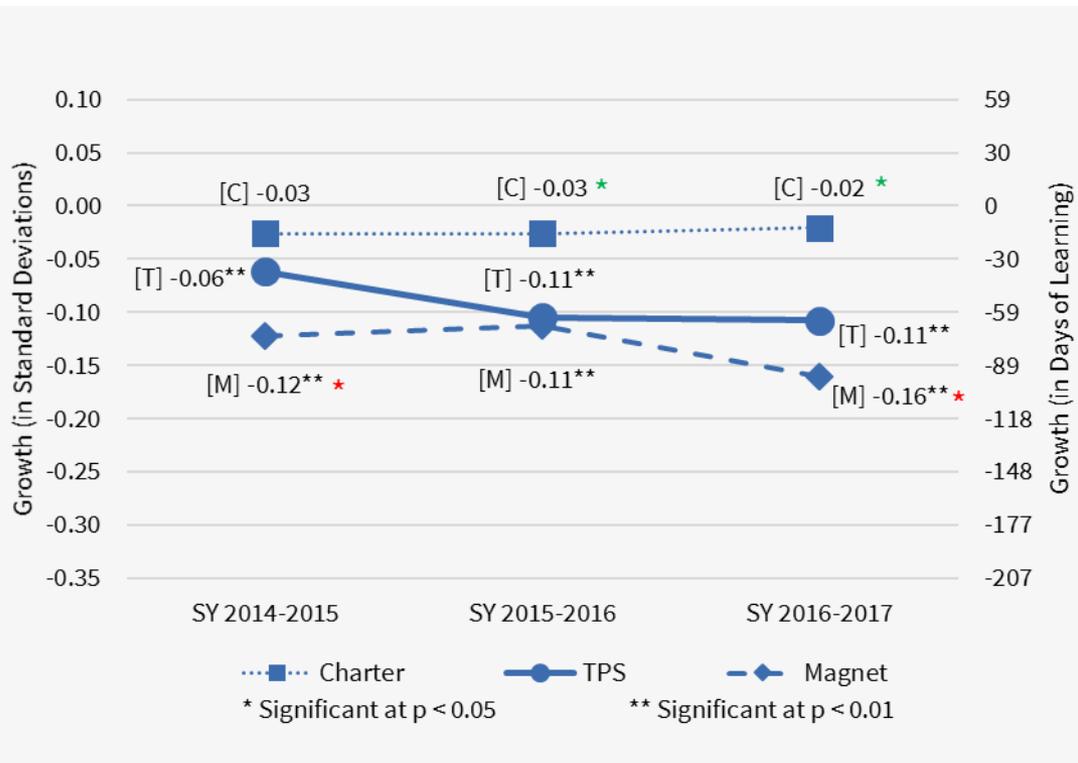
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# Sector Analysis: Reading

Learning Gains in Reading for Students in San Antonio Charter Schools, San Antonio Magnet Schools and San Antonio TPS Compared to the State Average Learning Gains by Year



The 0.00 line represents the average learning gains of the entire state.

These results capture one-year academic growth for the period ending in the Spring of each school year (SY).

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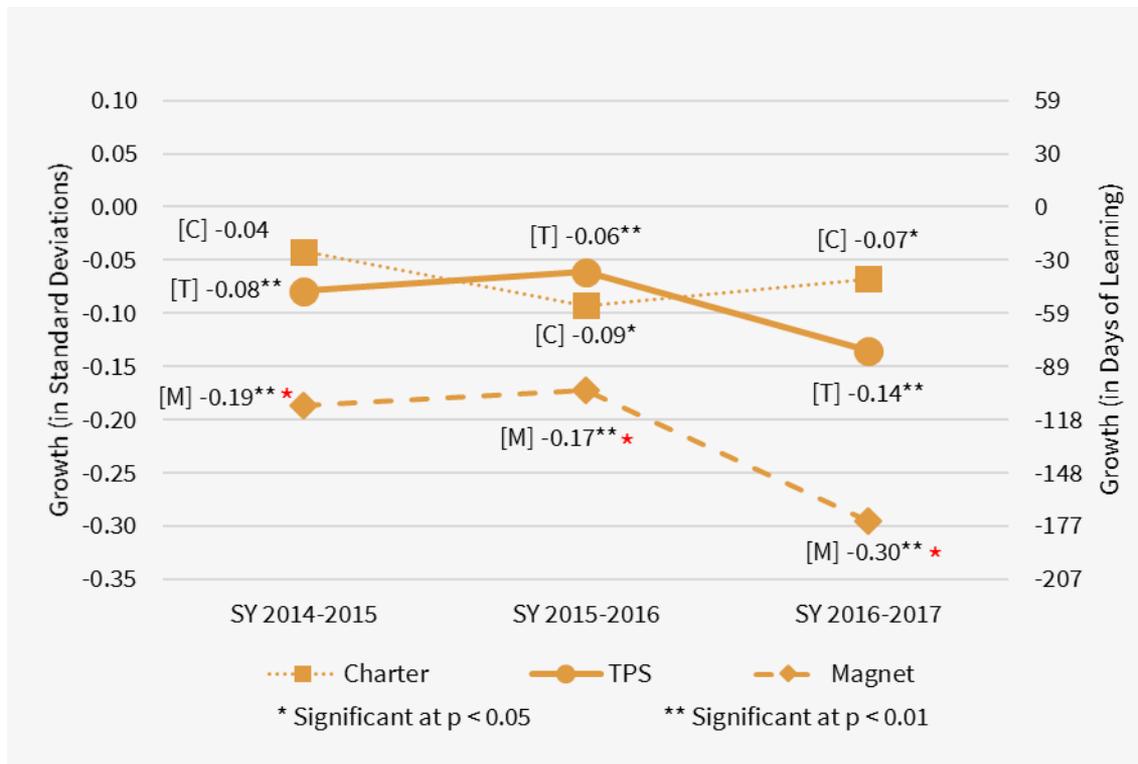
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# Sector Analysis: Math

Learning Gains in Math for Students in San Antonio Charter Schools, San Antonio Magnet Schools and San Antonio TPS Compared to the State Average Learning Gains by Year



\* Growth significantly stronger than that of TPS

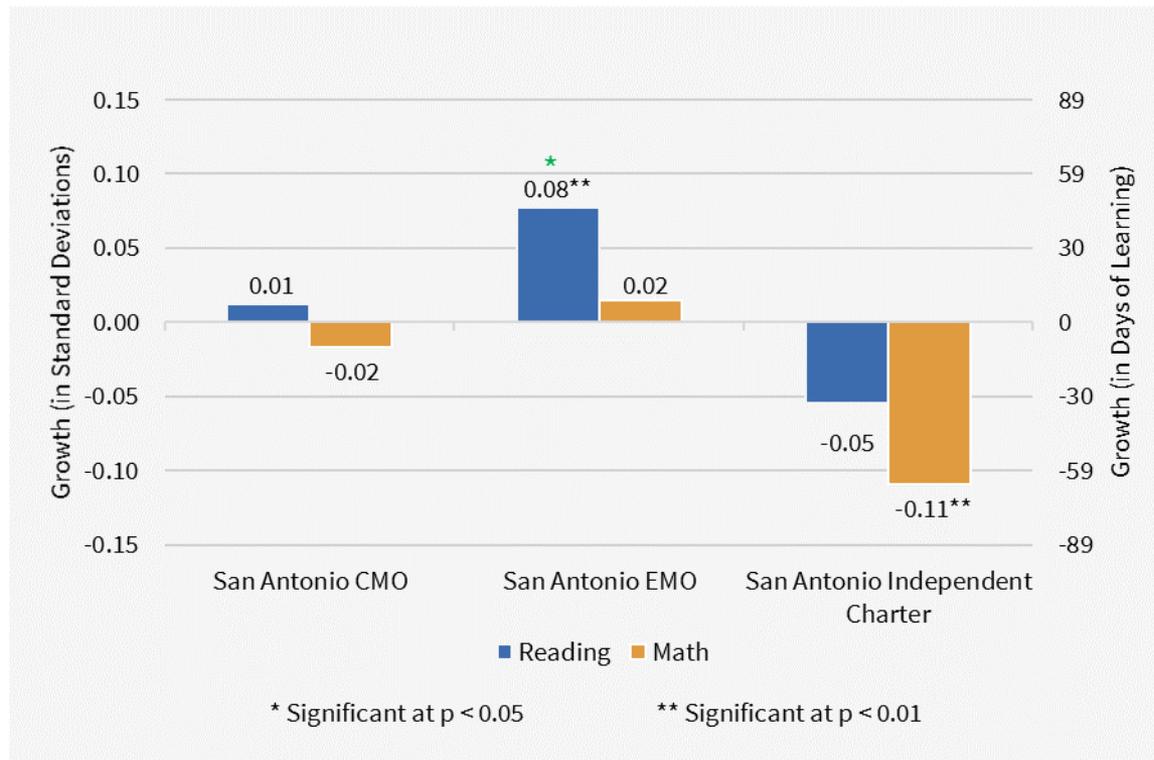
\* Growth significantly weaker than that of TPS

The 0.00 line represents the average learning gains of the entire state. These results capture one-year academic growth for the period ending in the Spring of each school year (SY).

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# Charter Network Analysis

Learning Gains for Students in San Antonio Network-Affiliated Charter Schools and Independent San Antonio Charter Schools Compared to the State Average Learning Gains, by Subject



\* Growth significantly stronger than that of Independent Charters

\* Growth significantly weaker than that of Independent Charters

The 0.00 line represents the average learning gains of the entire state.

These results capture one-year academic growth for the period ending in Spring 2017.

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# School-Level Performance by Sector

Click the buttons below for reading and math growth of individual San Antonio schools relative to the state average by sector. The top cluster of dots shows where individual charter schools lie on spectrum of growth and the bottom cluster shows that of individual TPS.

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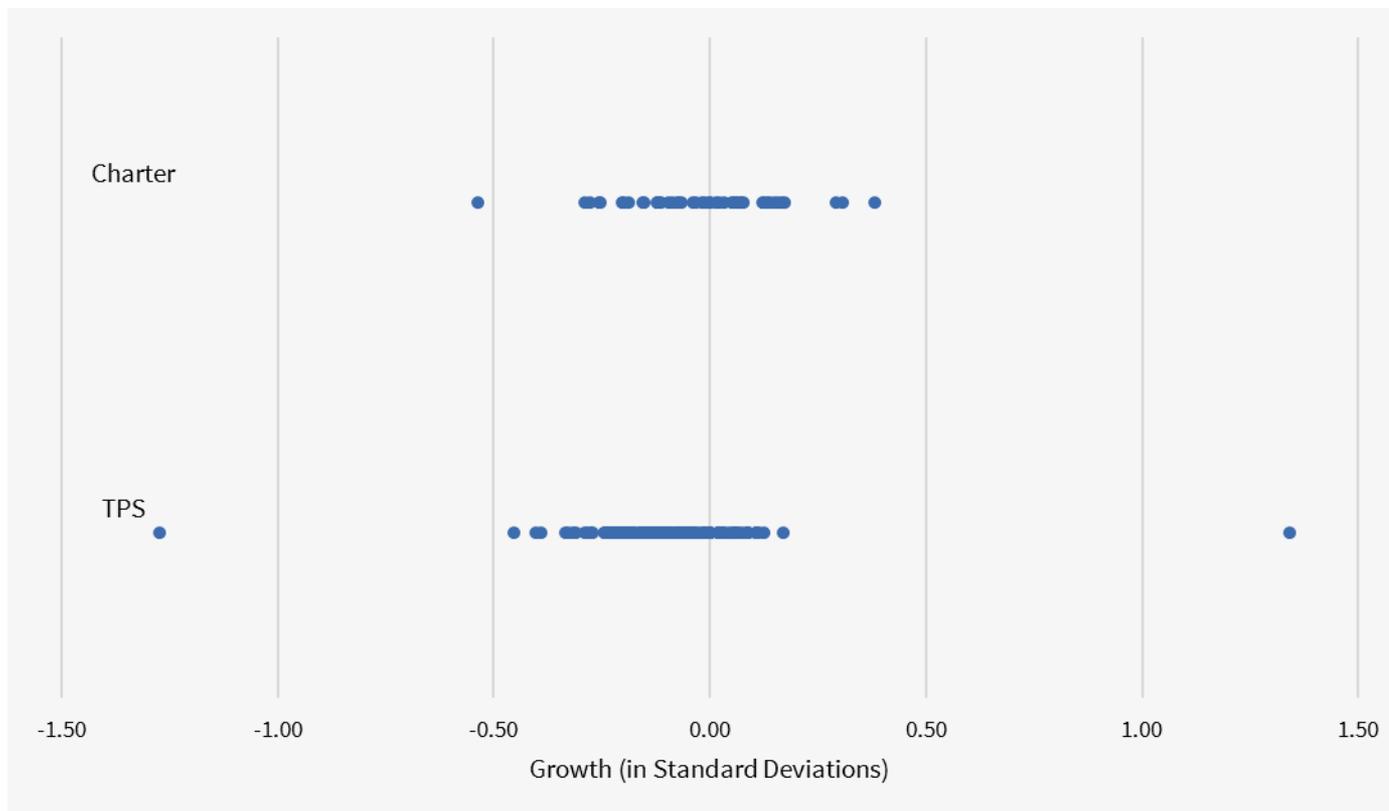
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# School Growth by Sector - Reading

Distribution of Reading Learning Gains of Individual San Antonio Schools Compared to the State Average Learning Gains



The 0.00 line represents the average learning gains of the entire state.  
These results capture one-year academic growth for the period ending in Spring 2017.

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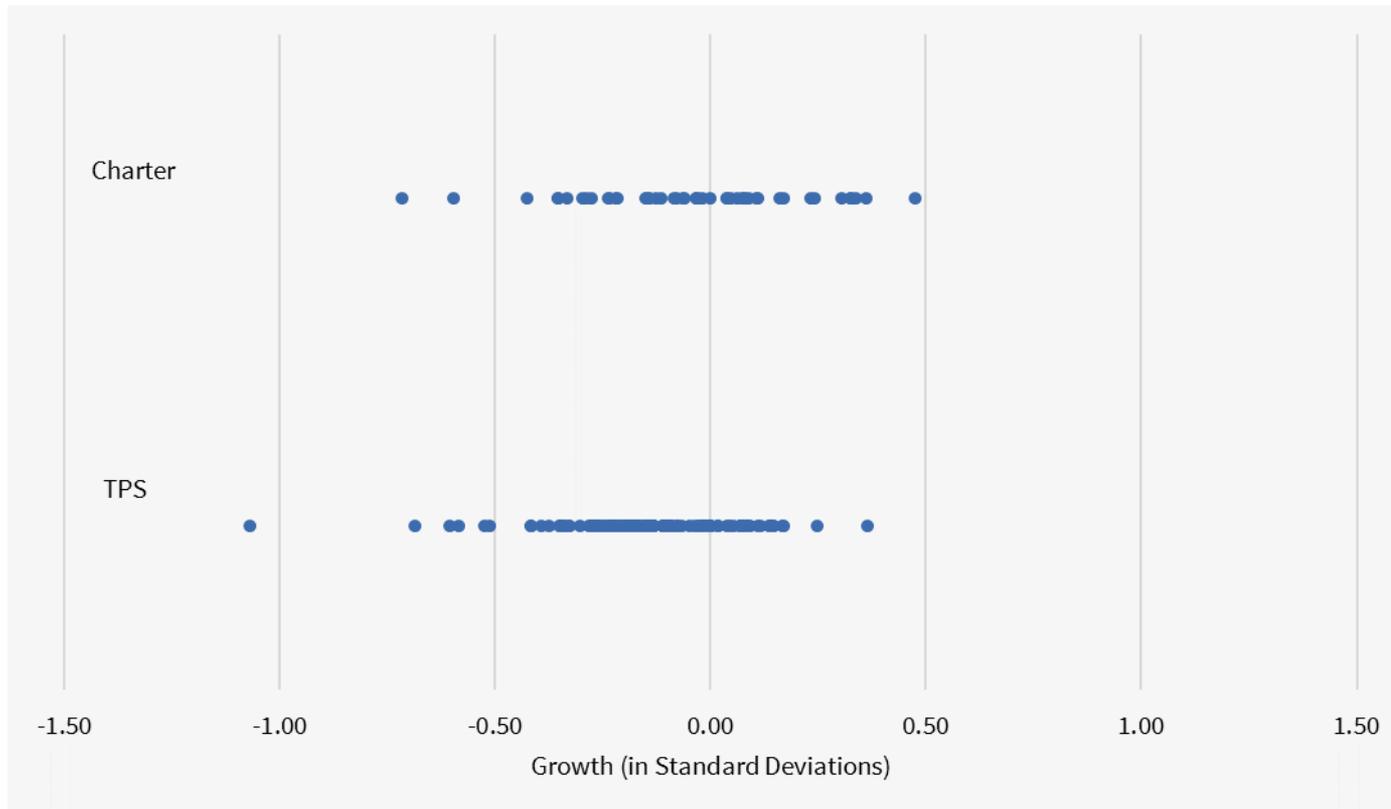
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# School Growth by Sector - Math

Distribution of Math Learning Gains of Individual San Antonio Schools Compared to the State Average Learning Gains



The 0.00 line represents the average learning gains of the entire state.  
These results capture one-year academic growth for the period ending in Spring 2017.

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# Race Analysis

Click the buttons below for graphs showing the performance of Black students in San Antonio or Hispanic students in San Antonio relative to the statewide average learning gains for students of the same race.

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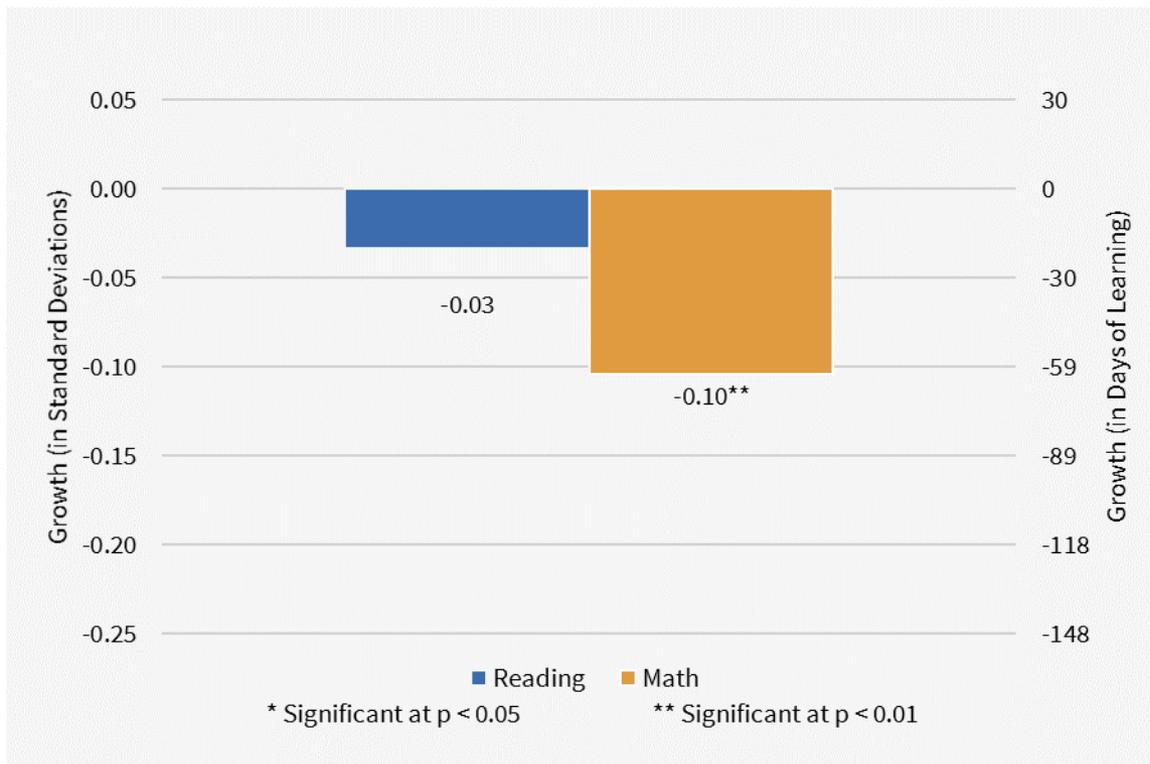
[Gender Analysis](#)

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# Race Analysis: Black Students

[Black Students by Sector](#)

Learning Gains for All San Antonio Black Students Compared to the Average Learning Gains of Black Students Statewide, by Subject



The 0.00 line represents the average learning gains of Black students in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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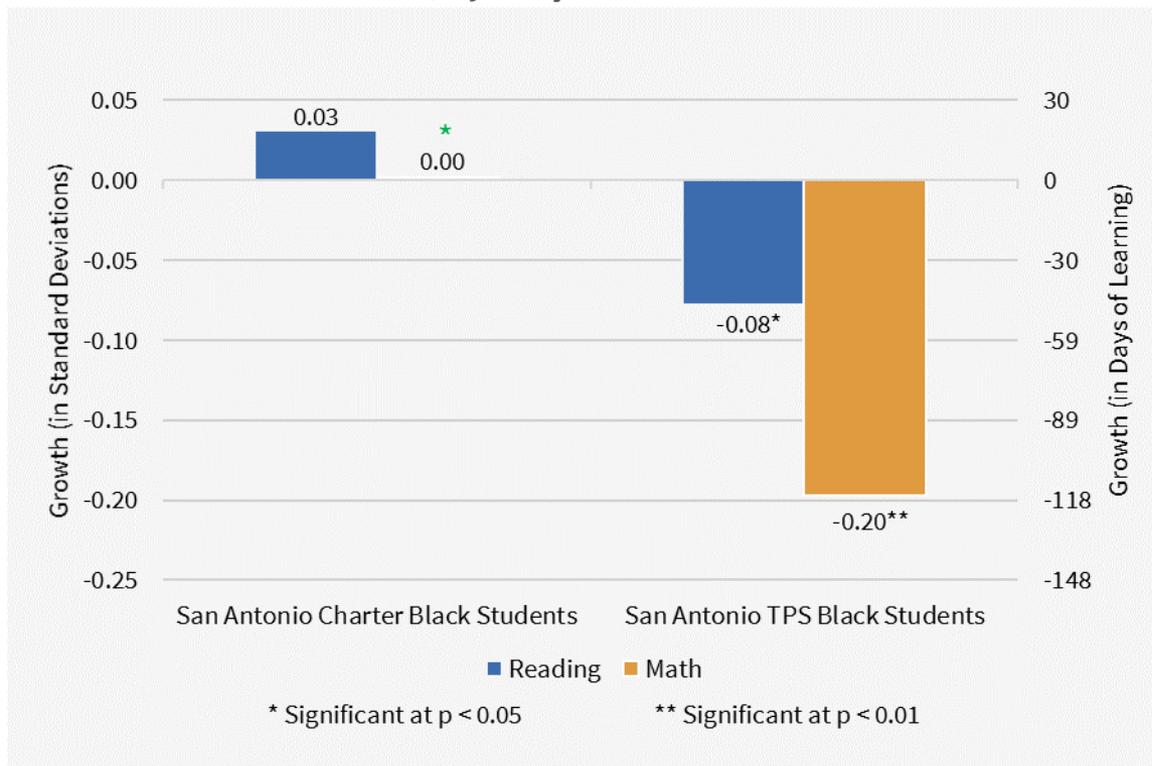
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# Race Analysis: Black Students by Sector

Learning Gains for Black Charter School Students and Black TPS Students in San Antonio Compared to the Average Learning Gains of Black Students Statewide, by Subject



\* Growth significantly stronger than that of TPS

\* Growth significantly weaker than that of TPS

The 0.00 line represents the average learning gains of Black students in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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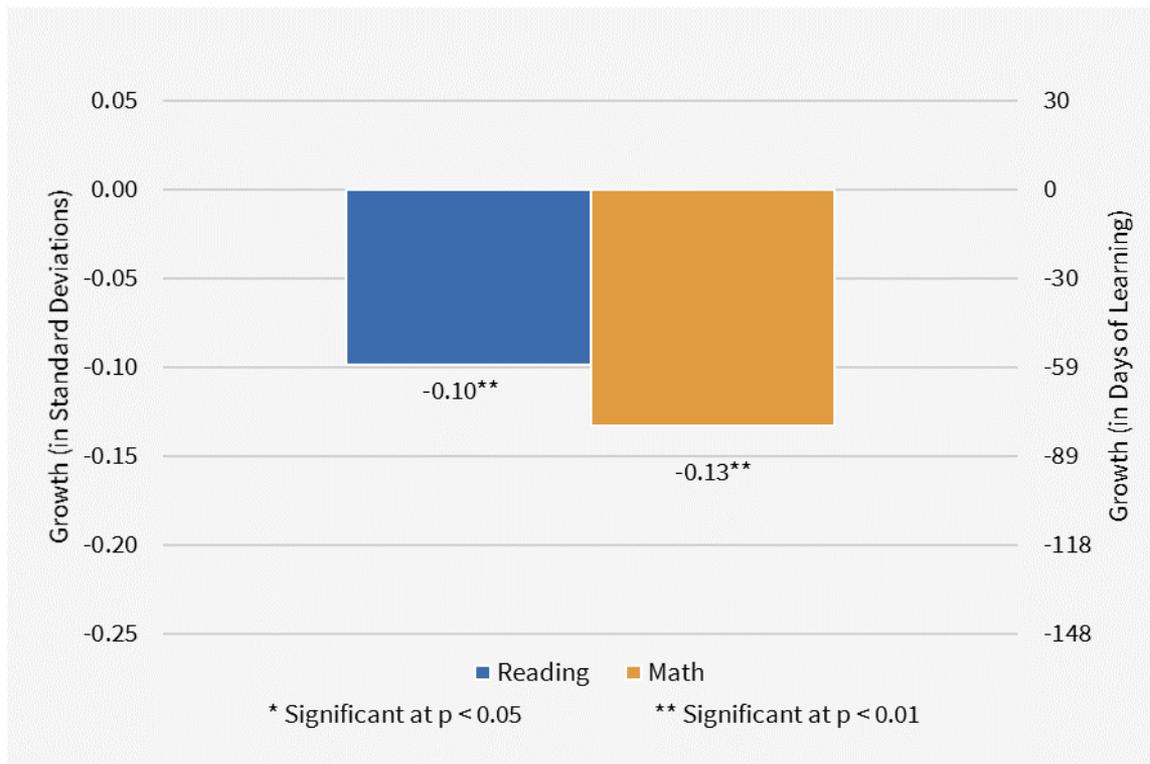
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# Race Analysis: Hispanic Students

[Hispanic Students by Sector](#)

Learning Gains for All San Antonio Hispanic Students Compared to the Average Learning Gains of Hispanic Students Statewide, by Subject



The 0.00 line represents the average learning gains of Hispanic students in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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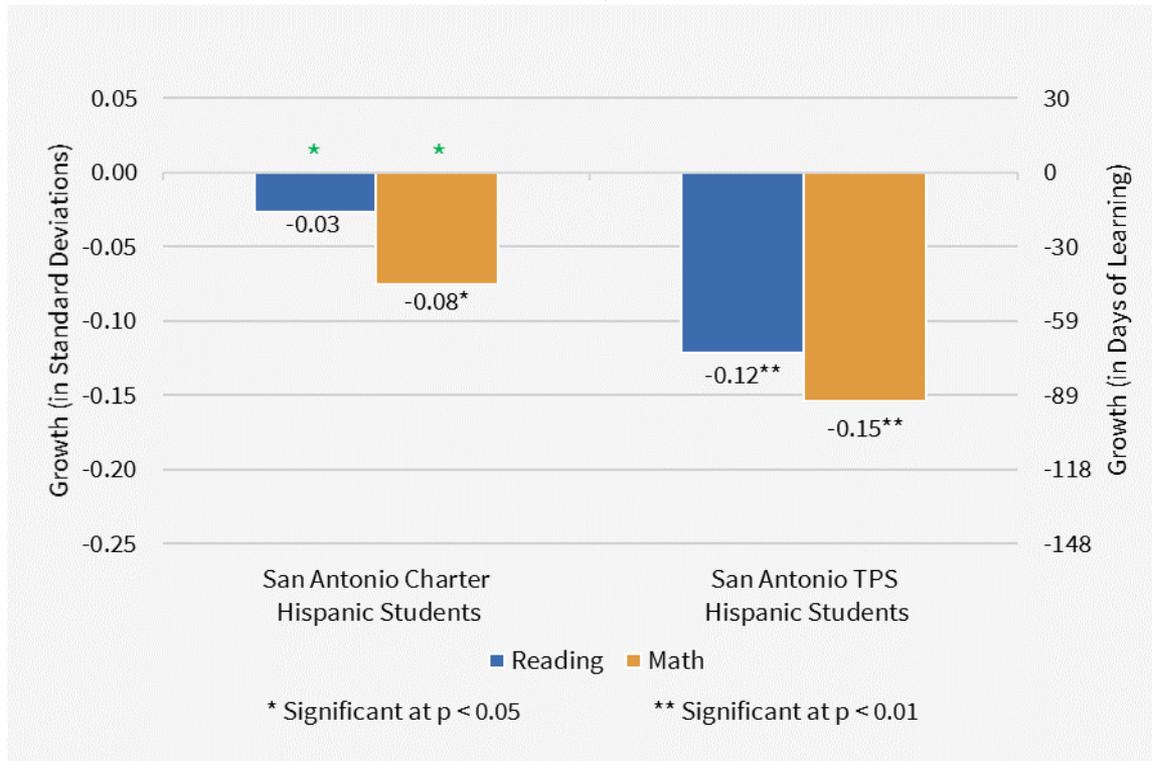
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# Race Analysis: Hispanic Students by Sector

Learning Gains for Hispanic Charter School Students and Hispanic TPS Students in San Antonio Compared to the Average Learning Gains of Hispanic Students Statewide, by Subject



\* Growth significantly stronger than that of TPS

\* Growth significantly weaker than that of TPS

The 0.00 line represents the average learning gains of Hispanic students in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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# Subgroup Analyses

Click the buttons below for graphs showing the performance of San Antonio students in poverty, San Antonio students with English Language Learner designation, or San Antonio students receiving special education services relative to average learning gains of students of the same subgroup statewide.

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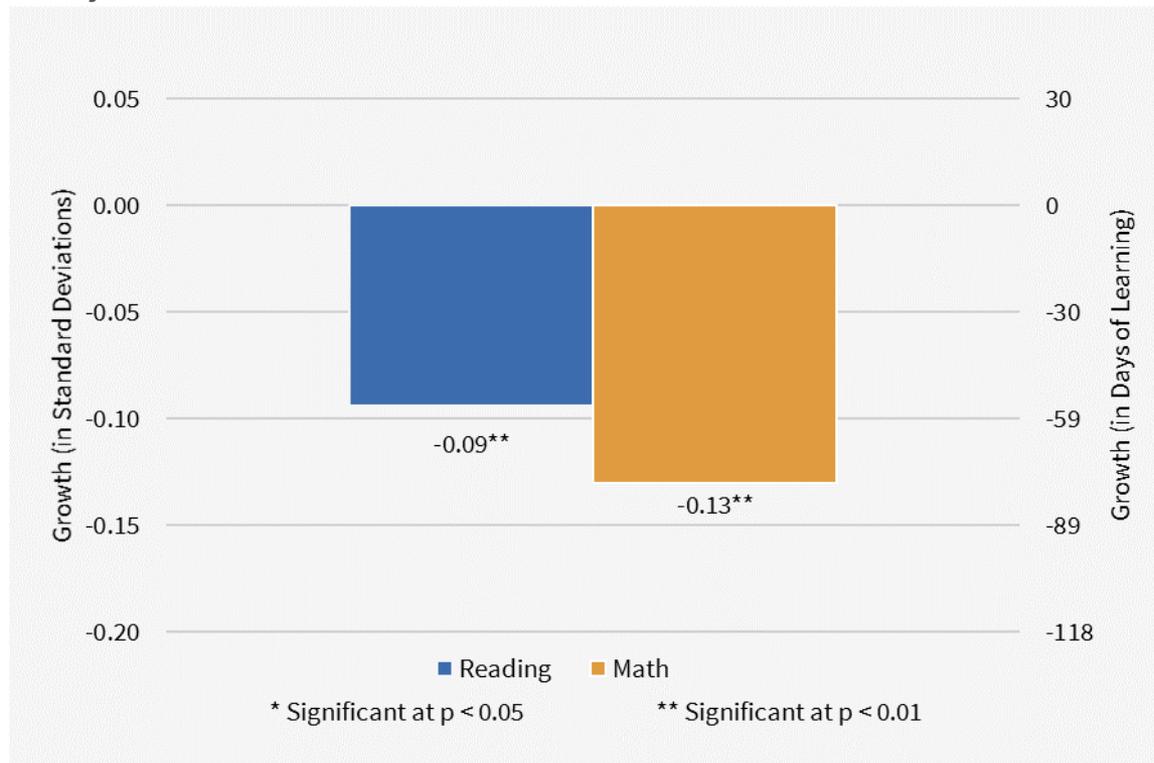
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# Subgroup Analyses: Poverty Status Analysis

Poverty  
Status  
by Sector

Learning Gains for All San Antonio Students in Poverty Compared to the Average Learning Gains of Students in Poverty Statewide, by Subject



The 0.00 line represents the average learning gains of students in poverty in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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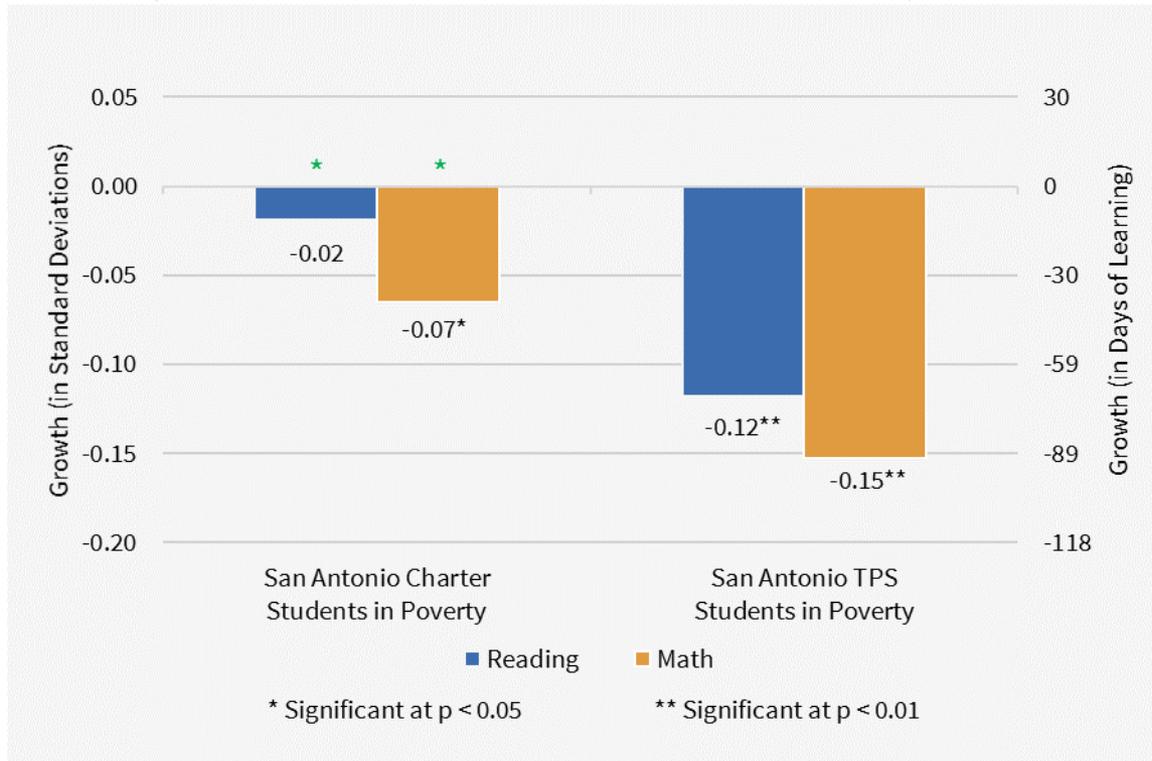
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# Subgroup Analyses: Poverty Status by Sector

Learning Gains for San Antonio Charter School Students in Poverty and San Antonio TPS Students in Poverty Compared to the Average Learning Gains of Students in Poverty Statewide, by Subject



\* Growth significantly stronger than that of TPS

\* Growth significantly weaker than that of TPS

The 0.00 line represents the average learning gains of students in poverty in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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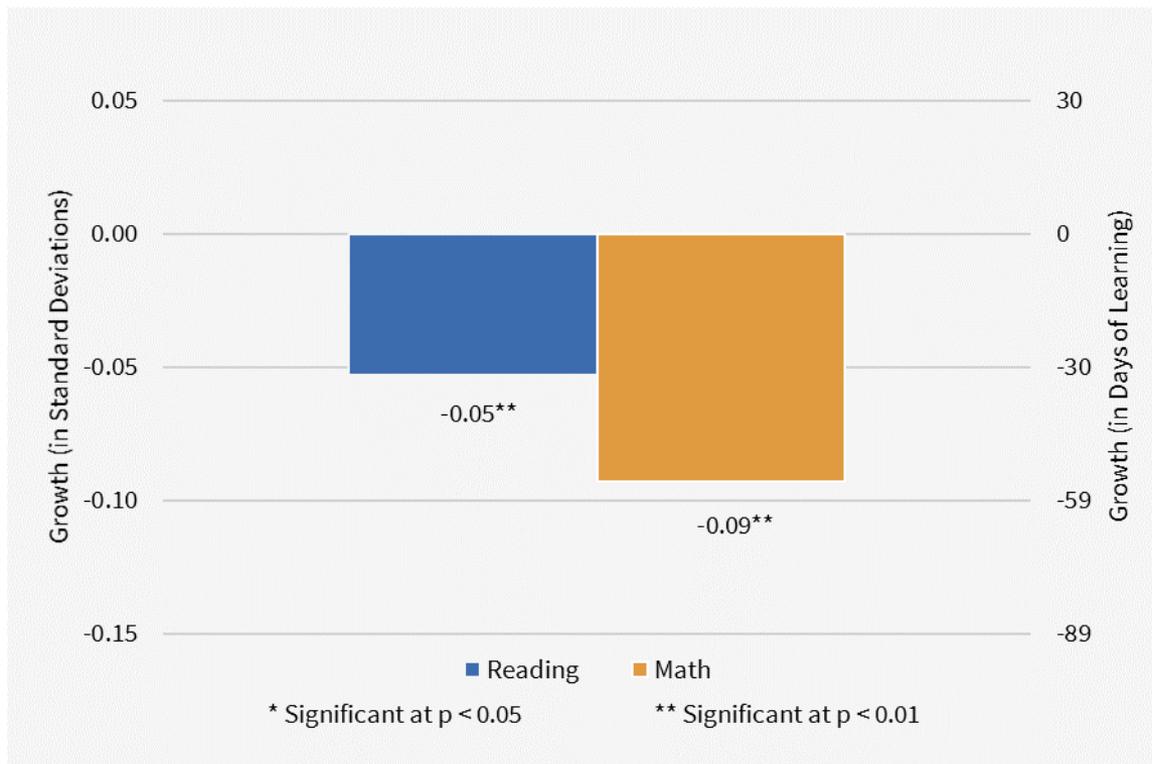
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# Subgroup Analyses: English Language Learner Status Analysis

[ELL Status by Sector](#)

Learning Gains for All ELL Students in San Antonio Compared to the Average Learning Gains of ELL Students Statewide, by Subject



The 0.00 line represents the average learning gains of ELL students in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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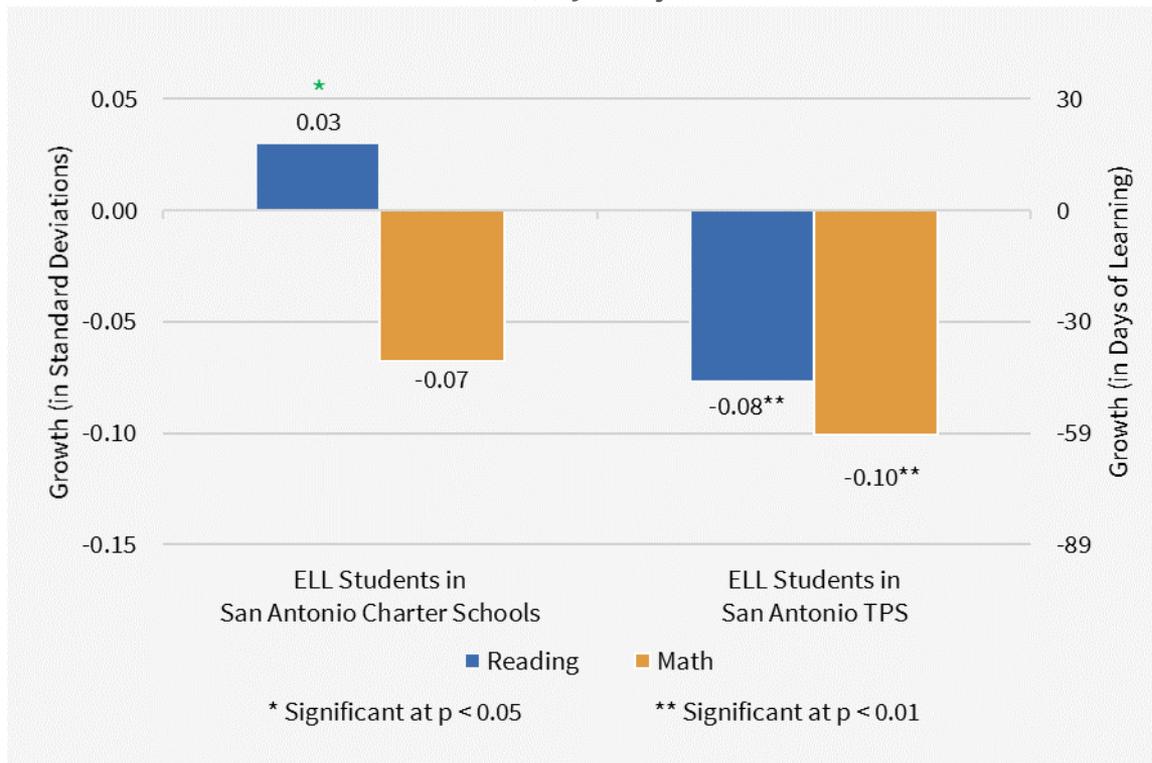
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# Subgroup Analyses: English Language Learner Status by Sector

Learning Gains for ELL Students in San Antonio Charter Schools and ELL Students in San Antonio TPS Compared to the Average Learning Gains of ELL Students Statewide, by Subject



\* Growth significantly stronger than that of TPS

\* Growth significantly weaker than that of TPS

The 0.00 line represents the average learning gains of ELL students in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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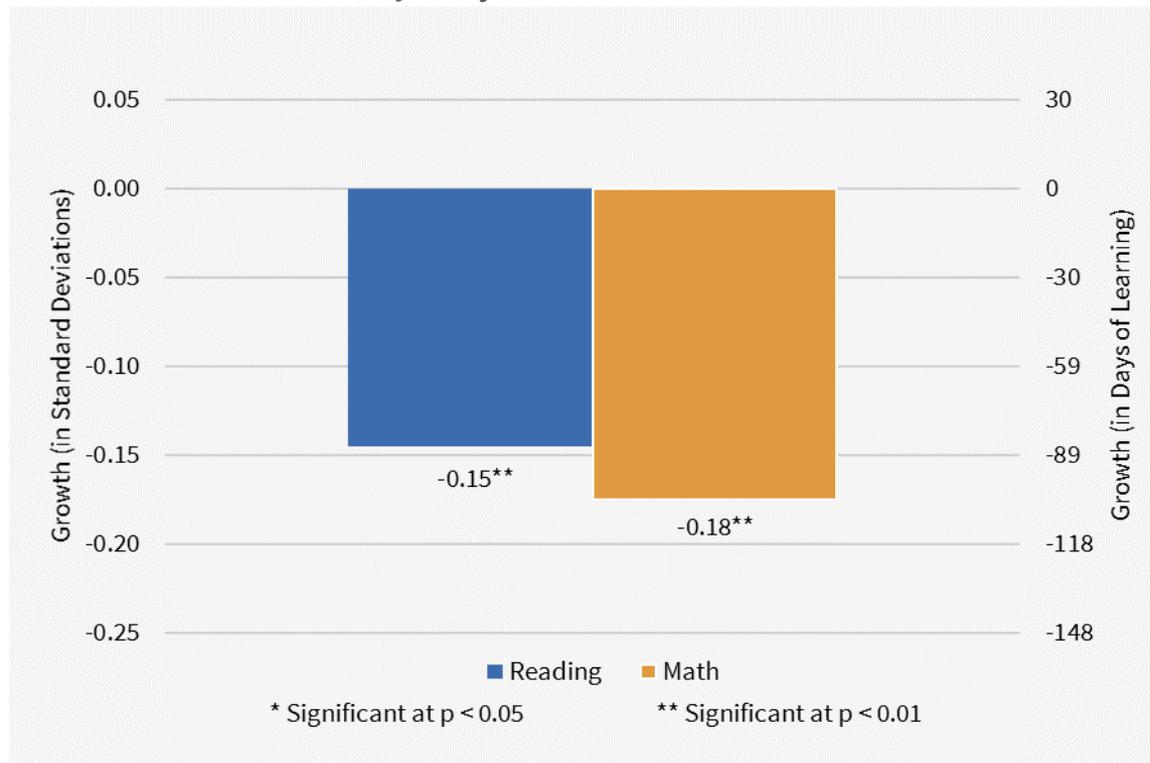
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# Subgroup Analyses: Special Education Status Analysis

Special  
Ed.  
by Sector

Learning Gains for All San Antonio Students in Special Education Compared to the Average Learning Gains of Students in Special Education Statewide, by Subject



The 0.00 line represents the average learning gains of students in Special Ed. in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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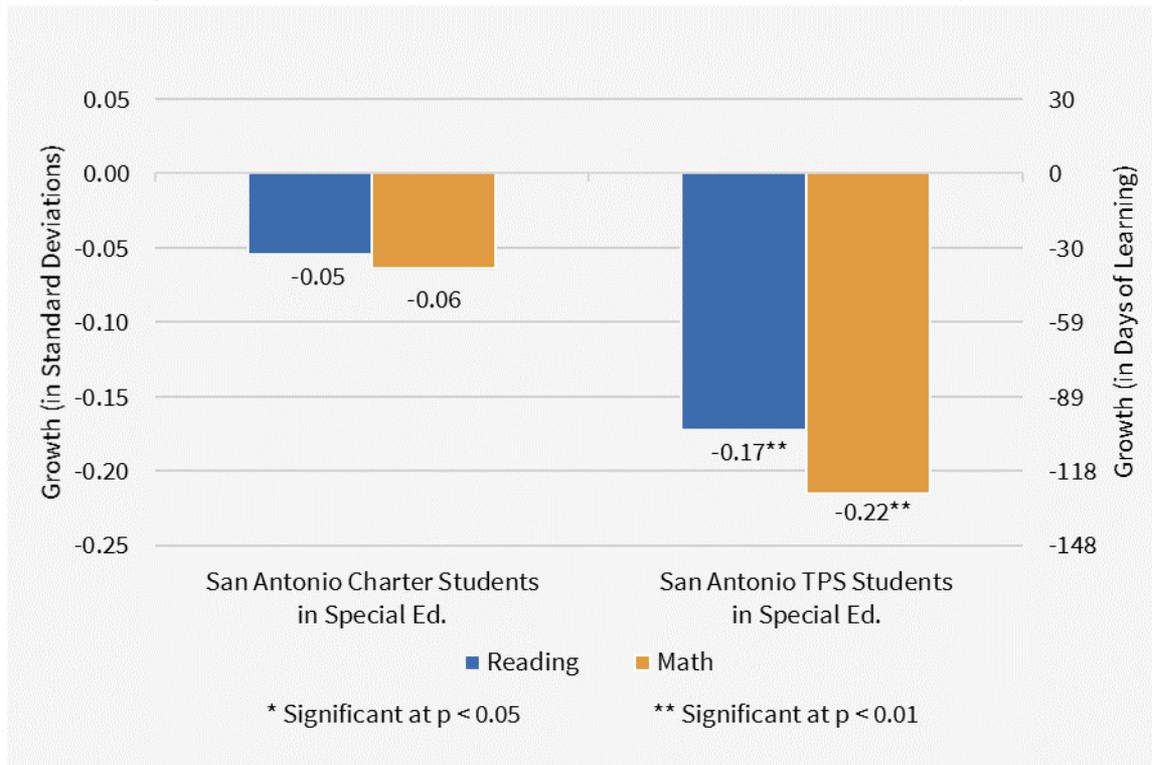
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# Subgroup Analyses: Special Education Status by Sector

Learning Gains for San Antonio Charter School Students in Special Ed. and San Antonio TPS Students in Special Ed. Compared to the Average Learning Gains of Students in Special Ed. Statewide, by Subject



\* Growth significantly stronger than that of TPS

\* Growth significantly weaker than that of TPS

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The 0.00 line represents the average learning gains of students in Special Ed. in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

# Gender Analysis

Click the buttons below for graphs showing the performance of female students in San Antonio or male students in San Antonio relative to statewide average learning gains for the same gender.

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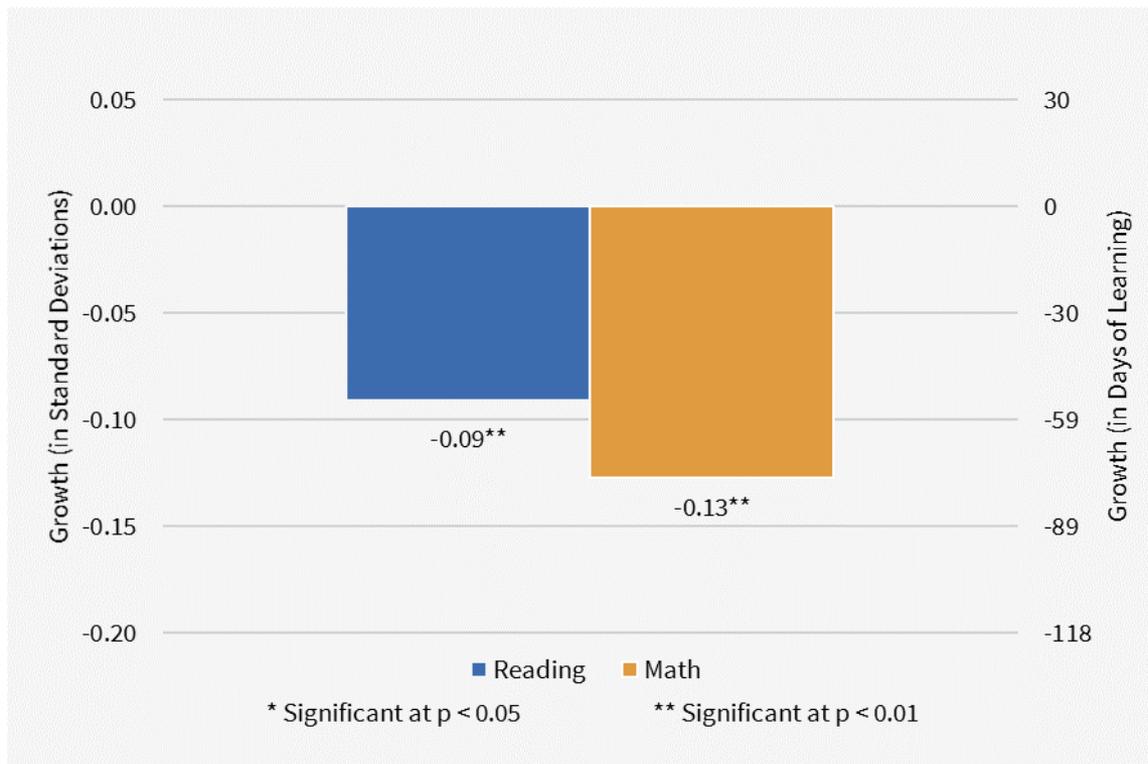
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# Gender Analysis: Female Students

[Female Students by Sector](#)

Learning Gains for All San Antonio Female Students Compared to the Average Learning Gains of Female Students Statewide, by Subject



The 0.00 line represents the average learning gains of female students in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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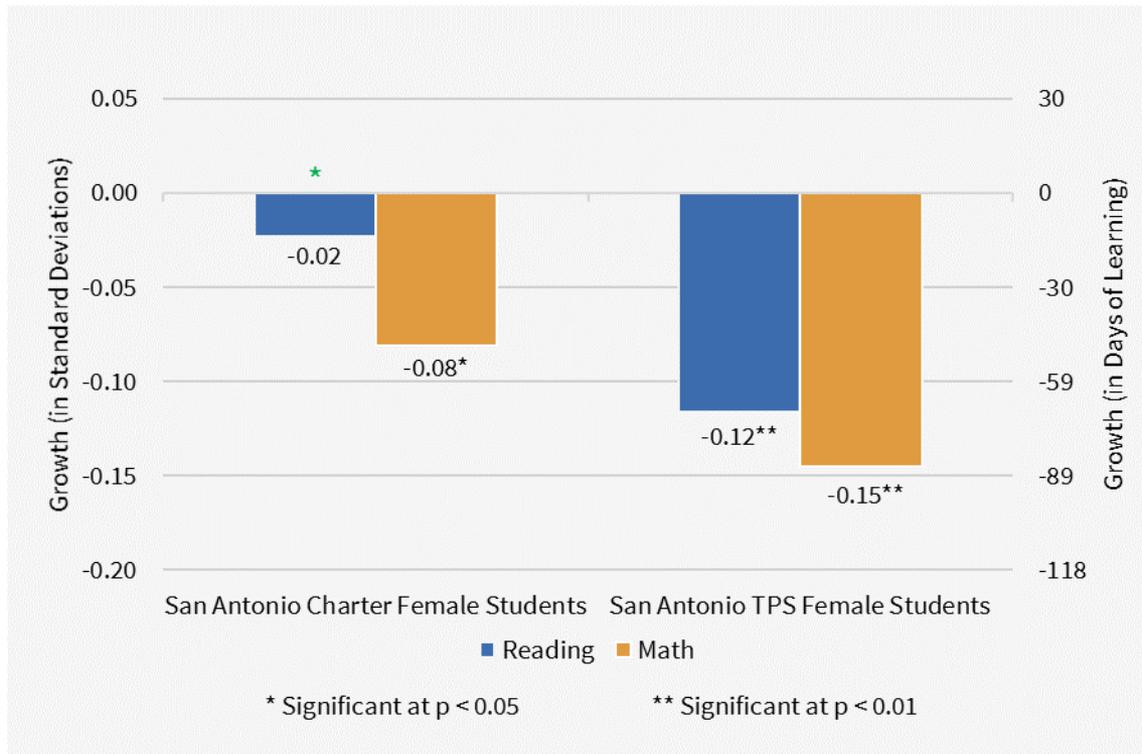
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# Gender Analysis: Female Students by Sector

Learning Gains for Female Charter School Students and Female TPS Students in San Antonio Compared to the Average Learning Gains of Female Students Statewide, by Subject



\* Growth significantly stronger than that of TPS

\* Growth significantly weaker than that of TPS

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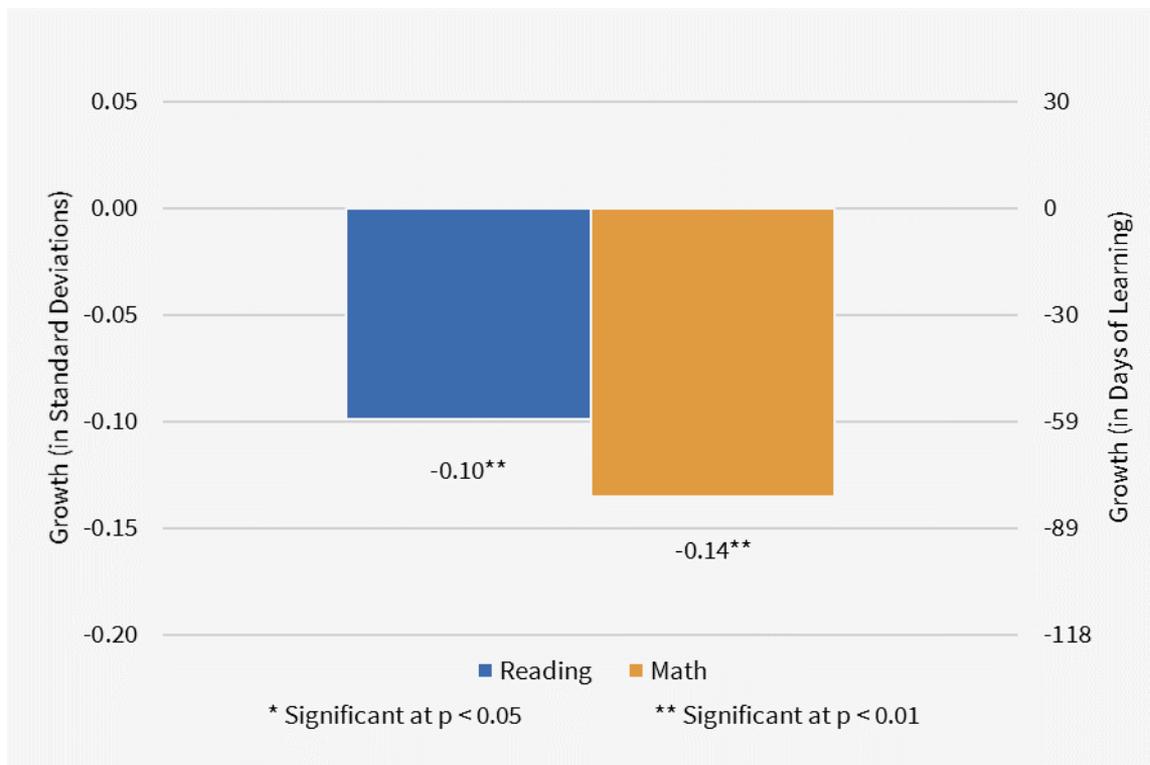
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The 0.00 line represents the average learning gains of female students in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

# Gender Analysis: Male Students

[Male Students by Sector](#)

Learning Gains for All San Antonio Male Students Compared to the Average Learning Gains of Male Students Statewide, by Subject



The 0.00 line represents the average learning gains of male students in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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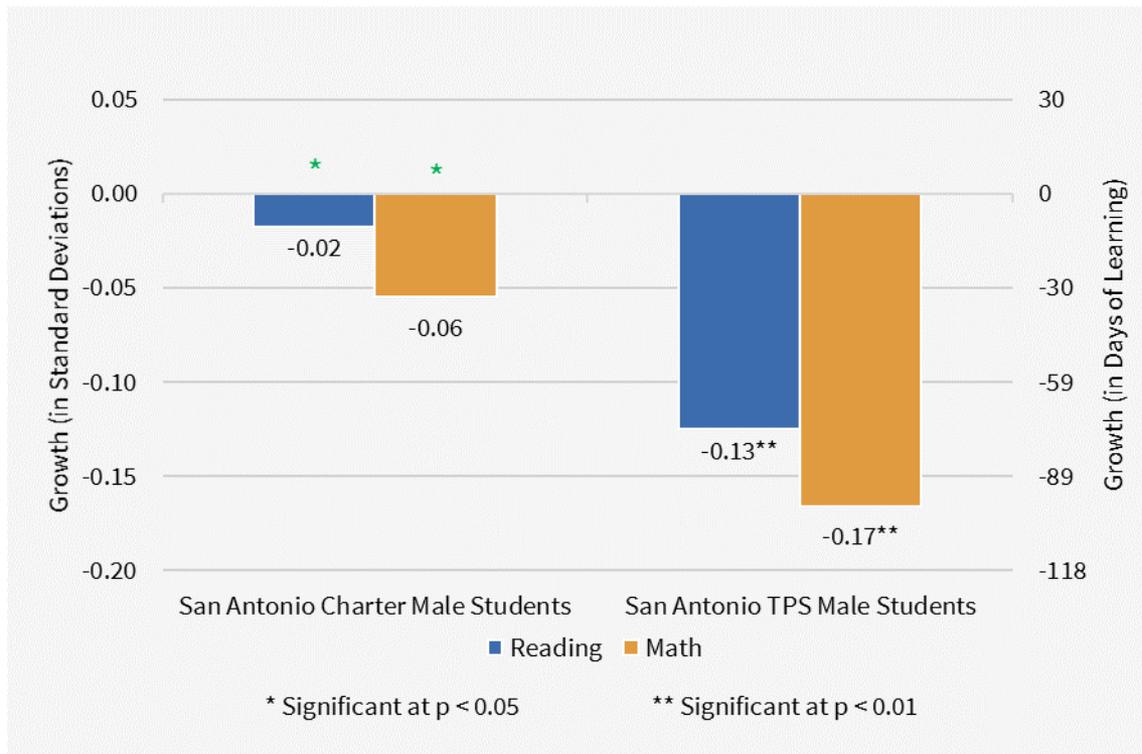
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# Gender Analysis: Male Students by Sector

Learning Gains for Male Charter School Students and Male TPS Students in San Antonio compared to the Average Learning Gains of Male Students Statewide, by Subject



\* Growth significantly stronger than that of TPS

\* Growth significantly weaker than that of TPS

The 0.00 line represents the average learning gains of male students in the entire state. These results capture one-year academic growth for the period ending in Spring 2017.

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# Summary of Findings

The summary of the findings from the analysis of San Antonio schools is presented [here](#).