• Student-level data were provided by the New Jersey Department of Education (NJDOE).
This report on Camden 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 Camden is benchmarked to the state average, accounting for student characteristics. We first track the growth of Camden 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

• Charter Networks
  • Charter Management Organization (CMO): 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.
  • Education Management Organization (EMO): 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.
Camden-Specific Analysis

• The Camden City Report includes analysis for an additional sector: Renaissance Schools.

• According to New Jersey’s *Urban Hope Act*, “a small number of school districts with high concentrations of at-risk students, on a limited pilot program basis,” are allowed to partner with one or more nonprofit entities to create Renaissance Schools. It is hoped that Renaissance Schools are “dedicated to providing New Jersey's students with the educators, facilities, and resources to prepare them for college and career.”

• Learn more at: https://www.nj.gov/education/chartsch/renaissance/
Presentation of Results

- The results display two sets of comparisons
  - The progress of Camden 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 and Renaissance school students within Camden is then **compared to the performance of similar traditional public school (TPS) students within Camden.**
    - 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 Camden 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 translates to fewer gains in days of learning.

• The table below shows a transformation of standard deviation units to days of learning.

<table>
<thead>
<tr>
<th>Standard Deviations</th>
<th>Days of Learning</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.05</td>
<td>30</td>
</tr>
<tr>
<td>0.10</td>
<td>59</td>
</tr>
<tr>
<td>0.15</td>
<td>89</td>
</tr>
<tr>
<td>0.20</td>
<td>118</td>
</tr>
<tr>
<td>0.25</td>
<td>148</td>
</tr>
<tr>
<td>0.30</td>
<td>177</td>
</tr>
<tr>
<td>0.35</td>
<td>207</td>
</tr>
</tbody>
</table>
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.

All Students

Overall
Camden
Results

Breakout by

Sector

Further Breakout by

• Charter Network
• School-Level

Comparison of Peers

Race

• Black Students
• Hispanic Students

Subgroup

• Poverty Status
• English Language Learner Status
• Special Education Status

Gender

• Female Students
• Male Students
Average One-Year Learning Gains for All Camden 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).

* Significant at $p < 0.05$
** Significant at $p < 0.01$
Click the buttons below for reading and math growth of Camden schools relative to the state average learning gains by year and sector.

Sector Analysis (Reading)

Sector Analysis (Math)
Sector Analysis: Reading

Learning Gains in Reading for Students in Camden Charter Schools, Camden Renaissance Schools, and Camden TPS Compared to the State Average Learning Gains by Year

- **C** 0.14**
- **R** -0.06
- **T** -0.26**
- **T** -0.10**
- **T** -0.20**

* Significant at p < 0.05
** Significant at p < 0.01

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).
Learning Gains in Math for Students in Camden Charter Schools, Camden Renaissance Schools, and Camden 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).
Learning Gains for Students in Camden Network-Affiliated Charter Schools and Independent Camden Charter Schools Compared to the State Average Learning Gains, by 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 Spring 2017.
Click the buttons below for reading and math growth of individual Camden schools relative to the state average by sector. The top cluster of dots shows where individual charter schools lie on spectrum of growth, the middle cluster shows that of Renaissance schools, and the bottom cluster shows that of individual TPS.
School Growth by Sector - Reading

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

-0.4 -0.3 -0.2 -0.1 0 0.1 0.2 0.3 0.4 0.5 0.6
Growth (in Standard Deviations)
Charter
Renaissance
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 Spring 2017.
School Growth by Sector - Math

Distribution of Math Learning Gains of Individual Camden 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.
Race Analysis

Click the buttons below for graphs showing the performance of Black students in Camden or Hispanic students in Camden relative to the statewide average learning gains for students of the same race.
Learning Gains for All Camden 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.
Race Analysis:
Black Students by Sector

Learning Gains for Black Charter School Students, Black Renaissance School Students, and Black TPS Students in Camden 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.
Race Analysis: Hispanic Students

Learning Gains for All Camden 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.
Race Analysis: Hispanic Students by Sector

Learning Gains for Hispanic Charter School Students, Hispanic Renaissance School Students, and Hispanic TPS Students in Camden 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.
Subgroup Analyses

Click the buttons below for graphs showing the performance of Camden students in poverty, Camden students with English Language Learner designation, or Camden students receiving special education services relative to average learning gains of students of the same subgroup statewide.
Subgroup Analyses: Poverty Status Analysis

Learning Gains for All Camden 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.

* Significant at p < 0.05
** Significant at p < 0.01
Subgroup Analyses: Poverty Status by Sector

Learning Gains for Camden Charter School Students in Poverty, Camden Renaissance School Students in Poverty, and Camden TPS 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.
Subgroup Analyses: English Language Learner Status Analysis

Learning Gains for All ELL Students in Camden 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.

* Significant at p < 0.05  ** Significant at p < 0.01
Subgroup Analyses: English Language Learner Status by Sector

Learning Gains for ELL Students in Camden Charter Schools, ELL Students in Camden Renaissance Schools, and ELL Students in Camden TPS 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.
Subgroup Analyses: Special Education Status Analysis

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

* Significant at p < 0.05  ** Significant at p < 0.01

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.
Subgroup Analyses: Special Education Status by Sector

Learning Gains for Camden Charter School Students in Special Ed., Camden Renaissance School Students in Special Ed., and Camden TPS Students in Special Ed. Compared to the Average Learning Gains of Students in Special Ed. 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.
Click the buttons below for graphs showing the performance of female students in Camden or male students in Camden relative to statewide average learning gains for the same gender.
Gender Analysis: Female Students

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

-0.25 -0.20 -0.15 -0.10 -0.05 0 0.05 0.10 0.15 0.20
Growth (in Standard Deviations)

0 30 59 89 118
Growth (in Days of Learning)

-148 -118 -89 -59 -30 0

Reading Math

* Significant at p < 0.05  ** Significant at p < 0.01

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: Female Students by Sector

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

- **Charter Network**
- **School-Level**
- **Black Students**
- **Hispanic Students**
- **Poverty Status**
- **ELL Status**
- **Special Ed. Status**
- **Female Students**
- **Male Students**

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

Learning Gains for All Camden 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.
Gender Analysis: Male Students by Sector

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

- Reading
- Math

* Significant at p < 0.05
** Significant at p < 0.01

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.
The summary of the findings from the analysis of Camden schools is presented here.