Within Buffalo Public Schools, White students are 3.0x more likely to be enrolled in Algebra I than Black students and 3.7x more likely to be enrolled than Latino students.

In the rest of Erie County, White students are 42.0x more likely to be enrolled in Algebra I than Black students in Buffalo Public Schools and 52.1x more likely to be enrolled than Latino students.

Within Buffalo Public Schools, White students are 2.6x more likely to be enrolled in Calculus than Black students and 2.2x more likely to be enrolled than Latino students.

In the rest of Erie County, White students are 14.6x more likely to be enrolled in Calculus than Black students in Buffalo Public Schools and 8.0x more likely to be enrolled than Latino students.

Within Buffalo Public Schools, White students are 2.3x more likely to be enrolled in an Advanced Placement (AP) or International Baccalaureate (IB) Math or Science course than Black students and 1.5x more likely to be enrolled than Latino students.

In the rest of Erie County, White students are 2.6x more likely to be enrolled in an AP/IB Math or Science course than Black students and 1.4x more likely to be enrolled than Latino students.

White students in the rest of Erie County are 14.7x more likely to be enrolled in an AP/IB Math or Science course than Black students in Buffalo Public Schools and 9.7x more likely to be enrolled than Latino students in Buffalo Public Schools.

Based on 2016-17 unpublished NYSED and Buffalo Public School course enrollment data. In middle school, the rates below are based on course enrollment per every 100 students in grades 7-8. For high school courses, the rates below are based on course enrollment per every 100 students in grades 9-12. Schools with a combination of grades 7-8 and grades 9-12 are included in the high school analysis only.
### Share of Schools Offering Key Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Statewide</th>
<th>Buffalo Public Schools</th>
<th>Rest of Erie County</th>
</tr>
</thead>
<tbody>
<tr>
<td>Algebra (MS)</td>
<td>59%</td>
<td>68%</td>
<td>93%</td>
</tr>
<tr>
<td>Calculus (HS)</td>
<td>7%</td>
<td>24%</td>
<td>41%</td>
</tr>
<tr>
<td>Physics (HS)</td>
<td>68%</td>
<td>94%</td>
<td>94%</td>
</tr>
<tr>
<td>Advanced foreign language (HS)</td>
<td>94%</td>
<td>94%</td>
<td>97%</td>
</tr>
</tbody>
</table>

### Share of Schools Offering AP/IB Courses

- **Statewide**
  - No AP/IB courses: 41%
  - Between two and five AP/IB courses: 18%
  - One AP/IB course: 9%
  - Six or more AP/IB courses: 25%
- **Buffalo Public Schools**
  - No AP/IB courses: 17%
  - Between two and five AP/IB courses: 10%
  - One AP/IB course: 10%
  - Six or more AP/IB courses: 3%
- **Rest of Erie County**
  - No AP/IB courses: 17%
  - Between two and five AP/IB courses: 10%
  - One AP/IB course: 10%
  - Six or more AP/IB courses: 3%

### Number of Black Students in Grades 7-8 Attending a School with No AP/IB Courses

- **Algebra I – Buffalo Public Schools**: 1,798 (94%)
- **Algebra I – Rest of Erie County**: 31 (5%)

### Share of Latino Students in Grades 7-8 Attending a School with No AP/IB Courses

- **Algebra I – Buffalo Public Schools**: 743 (95%)
- **Algebra I – Rest of Erie County**: 25 (6%)

### Number of White Students in Grades 7-8 Attending a School with No AP/IB Courses

- **Algebra I – Buffalo Public Schools**: 549 (87%)
- **Algebra I – Rest of Erie County**: 377 (4%)

### Number of Black Students in Grades 9-12 Attending a School with No AP/IB Courses

- **Calculus – Buffalo Public Schools**: 3,363 (80%)
- **Calculus – Rest of Erie County**: 36 (3%)

### Share of Latino Students in Grades 9-12 Attending a School with No AP/IB Courses

- **Calculus – Buffalo Public Schools**: 1,056 (76%)
- **Calculus – Rest of Erie County**: 15 (2%)

### Share of White Students in Grades 9-12 Attending a School with No AP/IB Courses

- **Calculus – Buffalo Public Schools**: 962 (50%)
- **Calculus – Rest of Erie County**: 1,164 (5%)

### Number of Black Students in Grades 9-12 Attending a School with No AP/IB Courses

- **Physics – Buffalo Public Schools**: 2,690 (64%)
- **Physics – Rest of Erie County**: 126 (9%)

### Share of Latino Students in Grades 9-12 Attending a School with No AP/IB Courses

- **Physics – Buffalo Public Schools**: 859 (62%)
- **Physics – Rest of Erie County**: 76 (8%)

### Share of White Students in Grades 9-12 Attending a School with No AP/IB Courses

- **Physics – Buffalo Public Schools**: 957 (50%)
- **Physics – Rest of Erie County**: 405 (2%)

### AP/IB Courses in Any Subject

- **AP/IB courses in any subject – Buffalo Public Schools**: 1,509 (36%)
- **AP/IB courses in any subject – Rest of Erie County**: 217 (16%)

- **AP/IB courses in any subject – Buffalo Public Schools**: 335 (24%)
- **AP/IB courses in any subject – Rest of Erie County**: 50 (5%)

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