

Within Our Reach

MONROE COUNTY



Middle School

Based on 2019-20 unpublished NYSED course enrollment data. In middle school, the rates below are based on course enrollment per every 100 7-8th grade students, and in high school, the rates below are based on course enrollment per every 100 9-12th grade students.

Earth Science



In **Rochester**, White students are **0.7x** more likely to be enrolled in Earth Science than Black students and **1.1x** more likely to be enrolled than Latinx students.

In **the rest of Monroe County**, White students are **1.3x** more likely to be enrolled in Earth Science than Black students and **1.7x** more likely to be enrolled than Latinx students.

Algebra 1



In **Rochester**, White students are **1.7x** more likely to be enrolled in Algebra I than Black students and **1.4x** more likely to be enrolled than Latinx students.

In **the rest of Monroe County**, White students are **2.1x** more likely to be enrolled in Algebra I than Black students and Latinx students.

High School

Calculus



In **Rochester**, White students are **6.3x** more likely to be enrolled in Calculus than Black students and Latinx students.

In **the rest of Monroe County**, White students are **1.9x** more likely to be enrolled in Calculus than Black students and **1.8x** more likely to be enrolled than Latinx students.

Physics



In **Rochester**, White students are **2.7x** more likely to be enrolled in Physics than Black students and **2.5x** more likely to be enrolled than Latinx students.

In **the rest of Monroe County**, White students are **1.9x** more likely to be enrolled in Physics than Black students and Latinx students.

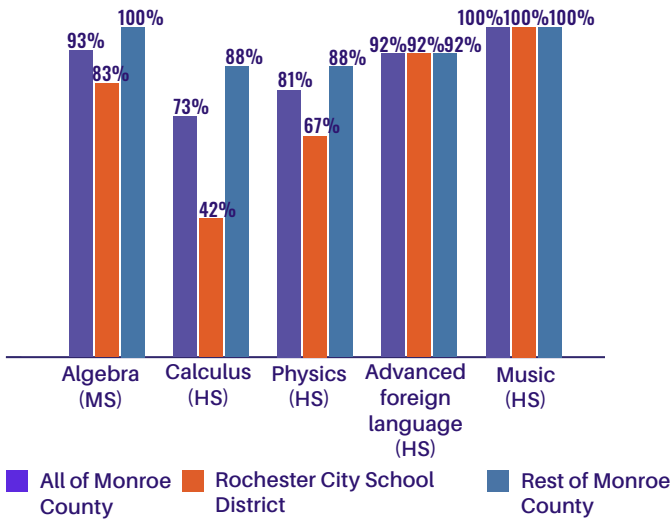
Computer Science



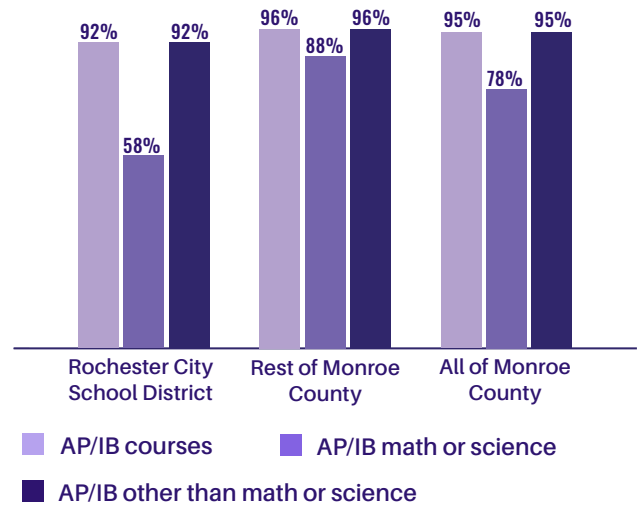
In **Rochester**, White students are **0.6x** more likely to be enrolled in Computer Science than Black students and **0.8x** more likely to be enrolled than Latinx students.

In **the rest of Monroe County**, White students are **1.9x** more likely to be enrolled in Computer Science than Black students and **1.8x** more likely to be enrolled than Latinx students.

Share of Schools Offering Key Courses...



Share of Schools Offering AP/IB Courses...



Middle School

| | Share of American Indian/Alaska Native students in grades 7-8 attending a school with no... | Share of Asian/Pacific Islander students in grades 7-8 attending a school with no... | Share of Black students in grades 7-8 attending a school with no... | Share of Latinx students in grades 7-8 attending a school with no... | Share of Multiracial students in grades 7-8 attending a school with no... | Share of White students in grades 7-8 attending a school with no... |
|--|---|--|---|--|---|---|
| Algebra I - Rochester City School District | N/A | 11% | 14% | 5% | N/A | 6% |
| Algebra I - Rest of Monroe County | N/A | 0% | 0% | 0% | 0% | 0% |

High School

| | Share of American Indian/Alaska Native students in grades 9-12 attending a school with no... | Share of Asian/Pacific Islander students in grades 9-12 attending a school with no... | Share of Black students in grades 9-12 attending a school with no... | Share of Latinx students in grades 9-12 attending a school with no... | Share of Multiracial students in grades 9-12 attending a school with no... | Share of White students in grades 9-12 attending a school with no... |
|---|--|---|--|---|--|--|
| Calculus - Rochester City School District | N/A | 51% | 56% | 68% | N/A | 46% |
| Calculus - Rest of Monroe County | 0% | 6% | 4% | 3% | 4% | 4% |
| Physics - Rochester City School District | N/A | 12% | 24% | 18% | N/A | 19% |
| Physics - Rest of Monroe County | 0% | 6% | 4% | 3% | 4% | 4% |

| High School | Share of American Indian/Alaska Native students in grades 9-12 attending a school with no... | Share of Asian/Pacific Islander students in grades 9-12 attending a school with no... | Share of Black students in grades 9-12 attending a school with no... | Share of Latinx students in grades 9-12 attending a school with no... | Share of Multiracial students in grades 9-12 attending a school with no... | Share of White students in grades 9-12 attending a school with no... |
|--|--|---|--|---|--|--|
| Computer Science - Rochester City School District | N/A | 47% | 54% | 46% | N/A | 63% |
| Computer Science - Rest of Monroe County | 15% | 24% | 28% | 28% | 21% | 16% |
| AP/IB - Rochester City School District | N/A | 10% | 5% | 3% | N/A | 3% |
| AP/IB - Rest of Monroe County | 0% | 2% | 1% | 1% | 0% | 2% |
| AP/IB Math or Science - Rochester City School District | N/A | 28% | 28% | 42% | N/A | 26% |
| AP/IB Math or Science - Rest of Monroe County | 0% | 6% | 4% | 3% | 4% | 4% |
| AP/IB other - Rochester City School District | N/A | 10% | 5% | 3% | N/A | 3% |
| AP/IB other - Rest of Monroe County | 0% | 2% | 1% | 1% | 0% | 2% |
| Advanced Foreign Language - Rochester City School District | N/A | 4% | 4% | 3% | N/A | 4% |
| Advanced Foreign Language - Rest of Monroe County | 0% | 5% | 3% | 1% | 3% | 2% |
| Music - Rochester City School District | N/A | 0% | 0% | 0% | N/A | 0% |
| Music - Rest of Monroe County | 0% | 0% | 0% | 0% | 0% | 0% |

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