

Within Our Reach

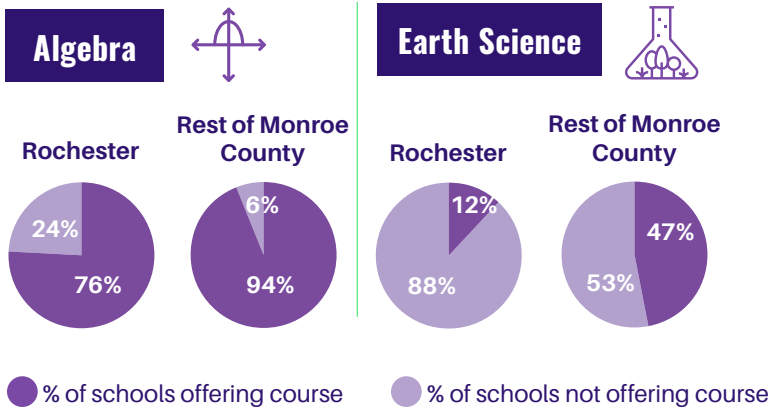


MONROE COUNTY

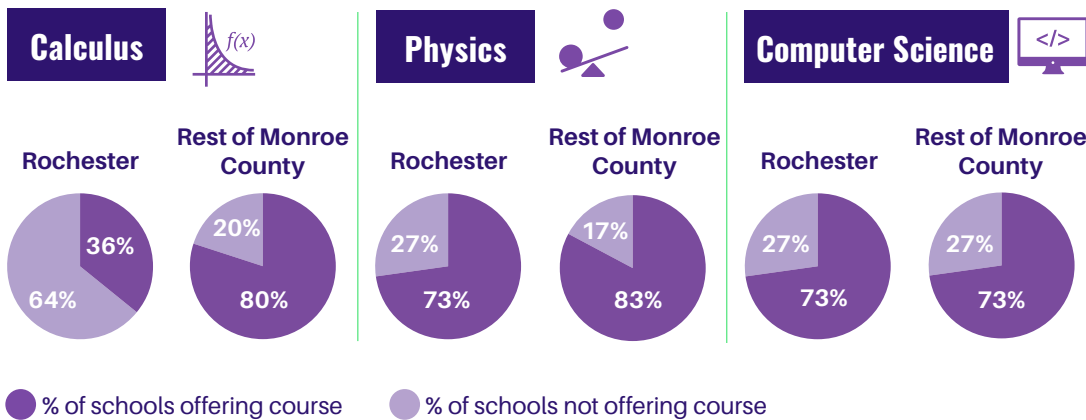
Across New York State, students of color and students from low-income backgrounds are disproportionately excluded from advanced and rigorous coursework. This persistent problem presents serious equity challenges since advanced courses provide students with an opportunity to develop the skills and knowledge necessary for success in college and their career.

Schools in the region that offer key courses

Middle School



High School

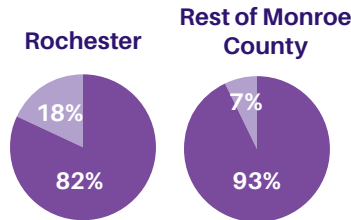
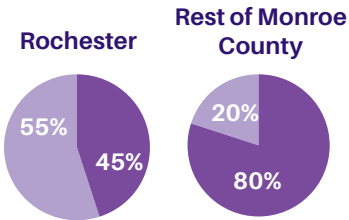


High School

AP/IB Math or Science



AP/IB Other



● % of schools offering course ● % of schools not offering course

Student enrollment in key courses

Middle School

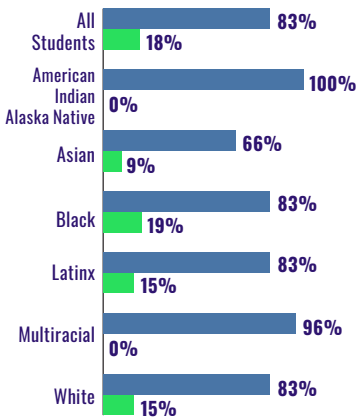
Algebra



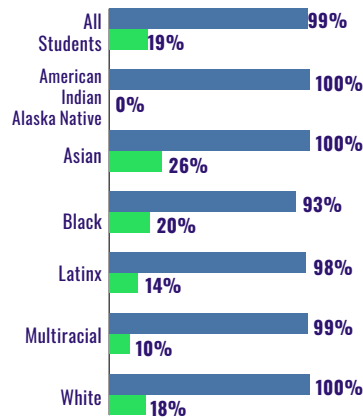
Earth Science



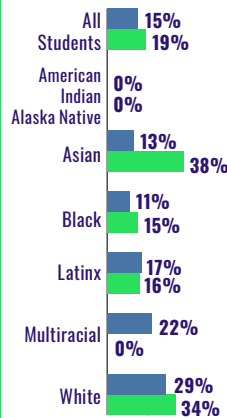
Rochester



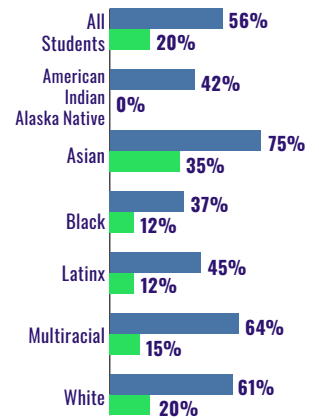
Rest of Monroe County



Rochester



Rest of Monroe County



● Share of students who attend a school that offers Algebra
 ● Share of Students enrolled in Algebra

● Share of students who attend a school that offers Earth Science
 ● Share of Students enrolled in Earth Science

Use these charts to understand the two ways that course access impacts students: In Rochester 83% of Black students are enrolled in schools that offer Algebra. Out of those students, only 19% are actually enrolled in Algebra.

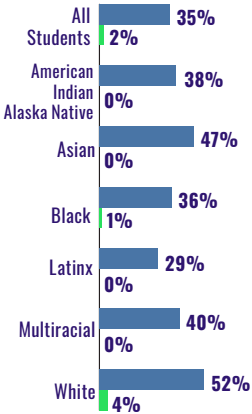
Student enrollment in key courses

High School

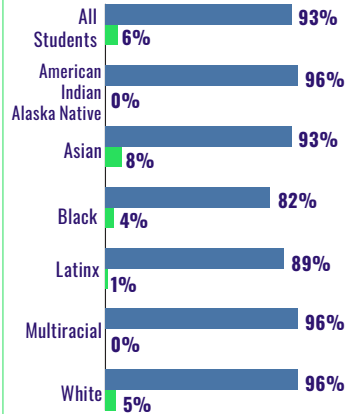
Calculus



Rochester



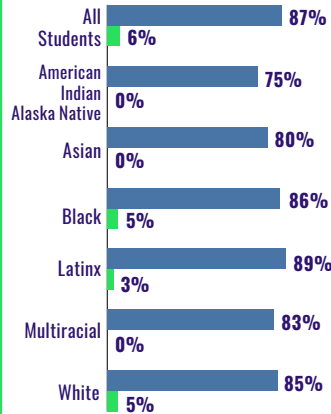
Rest of Monroe County



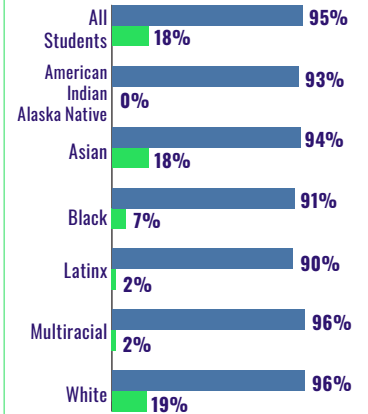
Physics



Rochester



Rest of Monroe County



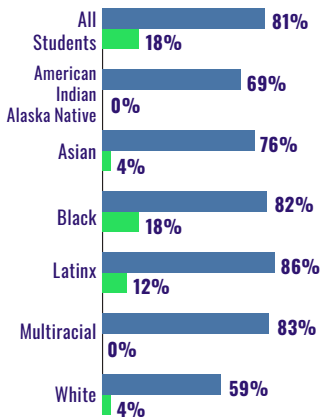
- Share of students who attend a school that offers Calculus
- Share of Students enrolled in Calculus

- Share of students who attend a school that offers Physics
- Share of Students enrolled in Physics

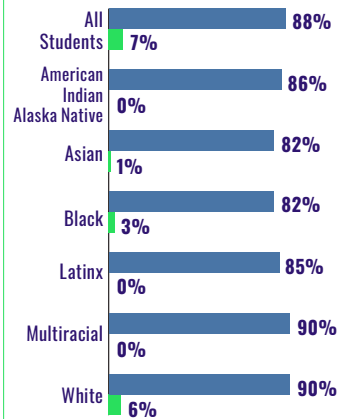
Computer Science



Rochester



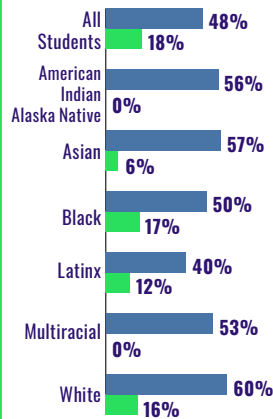
Rest of Monroe County



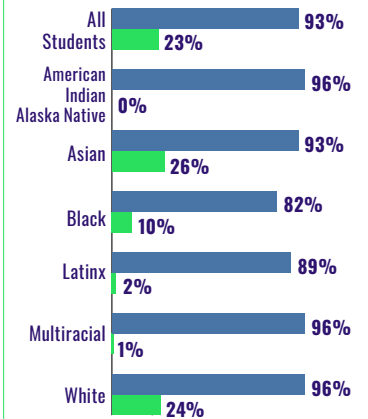
AP/IB Math or Science



Rochester



Rest of Monroe County



- Share of students who attend a school that offers Computer Science
- Share of Students enrolled in Computer Science

- Share of students who attend a school that offers AP/IB Math or Science
- Share of Students enrolled in AP/IB Math or Science

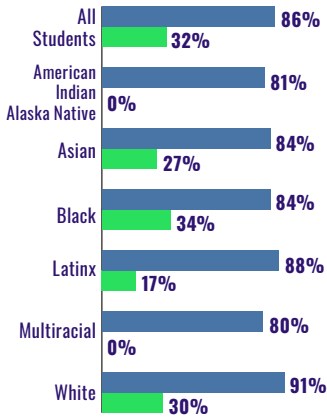
Student enrollment in key courses

High School

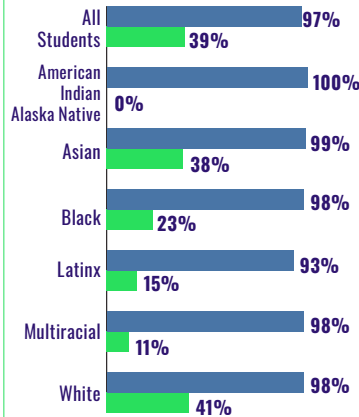
AP/IB Other



Rochester



Rest of Monroe County



- Share of students who attend a school that offers AP/IB Other
- Share of Students enrolled in AP/IB Other

“
ACCESS TO ADVANCED
COURSEWORK IS ONE
WAY TO ENSURE THAT
STUDENTS ARRIVE AT
THEIR POSTSECONDARY
OPPORTUNITIES PREPARED
FOR SUCCESS.”

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 Latino 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	0%	34%	17%	17%	4%	17%
Algebra I - Rest of Monroe County	0%	0%	7%	2%	1%	0%
Earth Science - Rochester City School District	100%	87%	89%	83%	78%	71%
Earth Science - Rest of Monroe County	58%	25%	63%	55%	36%	39%

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 Latino 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	63%	53%	64%	71%	60%	48%
Calculus - Rest of Monroe County	4%	7%	18%	11%	4%	4%
Physics - Rochester City School District	25%	20%	14%	11%	17%	15%
Physics - Rest of Monroe County	7%	6%	9%	10%	4%	4%
Computer Science - Rochester City School District	31%	24%	18%	14%	17%	41%
Computer Science - Rest of Monroe County	14%	18%	18%	15%	10%	10%
AP/IB Math or Science - Rochester City School District	44%	43%	50%	60%	47%	40%
AP/IB Math or Science - Rest of Monroe County	4%	7%	18%	11%	4%	4%
AP/IB other - Rochester City School District	19%	16%	16%	12%	20%	9%
AP/IB other - Rest of Monroe County	0%	1%	2%	7%	2%	2%

All data reflects course offerings at public schools as of the 2021-22 school year. Charter schools are represented in the "rest of Monroe County" group. Special Act schools, middle schools with less than 25 students in grades 7-8 enrolled, high schools with less than 50 students in grades 9-12 enrolled, and schools that could not be matched between course enrollment and school enrollment files are excluded. For a more detailed description of our sources and methodology, see our data note at equityinny.org.



Visit EquityinEdNY.org to Learn More

New York
Equity Coalition