

WITHIN OUR REACH

ONONDAGA COUNTY



MIDDLE SCHOOL

EARTH SCIENCE



There are no middle schools in the **Syracuse City School District** that offer Earth Science.

Based on 2016-17 unpublished NYSED course enrollment data. In middle school, the rates below are based on course enrollment per every 100 students in grades 7-8, and in high school, 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.

ALGEBRA I



Within the **Syracuse City School District**, White students are **2.1x** more likely to be enrolled in Algebra I than Black students and **2.2x** more likely to be enrolled than Latino students.

White students in the **rest of Onondaga County** are **3.7x** more likely to be enrolled in Algebra I than Black students in the **Syracuse City School District** and **3.9x** more likely to be enrolled than Latino students in the **Syracuse City School District**.

HIGH SCHOOL

CALCULUS



Within the **Syracuse City School District**, White students are **5.7x** more likely to be enrolled in Calculus than Black students and **7.2x** more likely to be enrolled than Latino students.

White students in the **rest of Onondaga County** are **12.2x** more likely to be enrolled in Calculus than Black students in the **Syracuse City School District** and **15.3x** more likely to be enrolled than Latino students in the **Syracuse City School District**.

PHYSICS



Within the **Syracuse City School District**, White students are **2.6x** more likely to be enrolled in Physics than Black students and **3.7x** more likely to be enrolled than Latino students.

White students in the **rest of Onondaga County** are **3.2x** more likely to be enrolled in Physics than Black students in the **Syracuse City School District** and **4.6x** more likely to be enrolled than Latino students in the **Syracuse City School District**.

AP/IB MATH OR SCIENCE

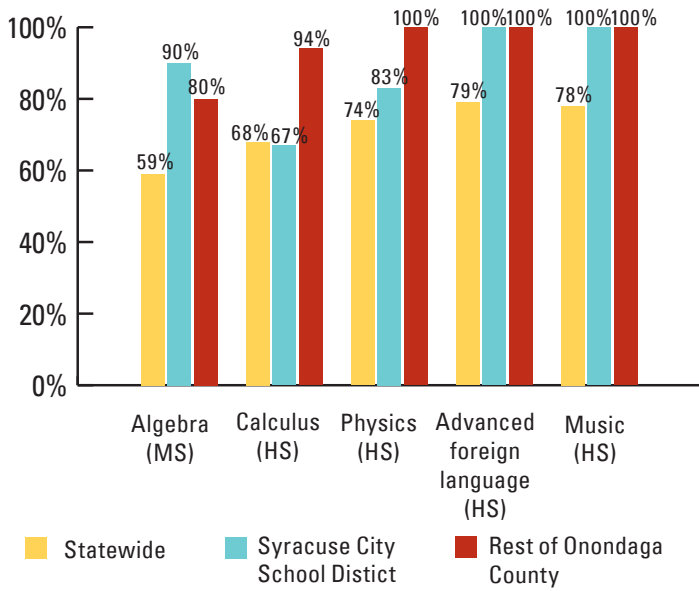


Within the **Syracuse City School District**, White students are **3.3x** more likely to be enrolled in an Advanced Placement (AP) or International Baccalaureate (IB) Math or Science course than Black students and **3.9x** more likely to be enrolled than Latino students.

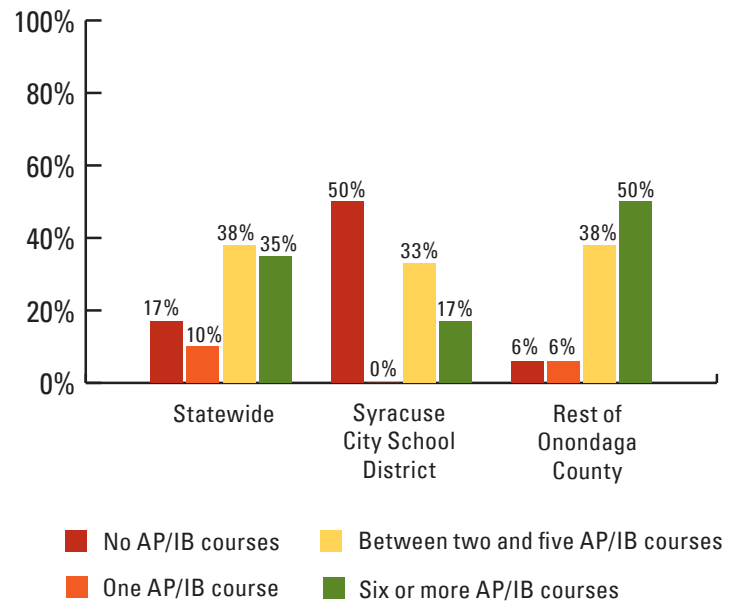
In the **rest of Onondaga County**, White students are **4.1x** more likely to be enrolled in an AP/IB Math or Science course than Black students and **2.3x** more likely to be enrolled than Latino students.

White students in the **rest of Onondaga County** are **5.6x** more likely to be enrolled in an AP/IB Math or Science course than Black students in the **Syracuse City School District** and **6.6x** more likely to be enrolled than Latino students in the **Syracuse City School District**.

SHARE OF SCHOOLS OFFERING KEY COURSES...



SHARE OF SCHOOLS OFFERING AP/IB COURSES...



High School	NUMBER OF BLACK STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...	SHARE OF BLACK STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...	NUMBER OF LATINO STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...	SHARE OF LATINO STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...	NUMBER OF WHITE STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...	SHARE OF WHITE STUDENTS IN GRADES 9-12 ATTENDING A SCHOOL WITH NO...
Calculus – Syracuse City School District	582	19%	194	26%	235	18%
Calculus – Rest of Onondaga County	4	<1%	3	<1%	419	3%
Computer Science – Syracuse City School District	2,327	75%	528	72%	789	60%
Computer Science – Rest of Onondaga County	37	5%	19	5%	1,582	13%
AP/IB courses in any subject – Syracuse City School District	690	22%	255	35%	290	22%
AP/IB courses in any subject – Rest of Onondaga County	25	4%	31	8%	433	4%

THE 5x25
COMMITMENT TO NEW YORK

An agenda for ensuring all New York students are prepared for college, careers, and active citizenship

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