

Within Our Reach

ONONDAGA 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Based on 2019-20 unpublished NYSED course enrollment data.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 **Syracuse**, no middle schools offer Earth Science.

In **the rest of Onondaga County**, White students are **4.8x** more likely to be enrolled in Earth Science than Black students and **2.7x** more likely to be enrolled than Latinx students.

Algebra 1



In **Syracuse**, White students are **1.5x** more likely to be enrolled in Algebra I than Black students and **1.7x** more likely to be enrolled than Latinx students.

In **the rest of Onondaga County**, White students are **4.7x** more likely to be enrolled in Algebra I than Black students and **1.7x** more likely to be enrolled than Latinx.

High School

Calculus



In **Syracuse**, White students are **6.4x** more likely to be enrolled in Calculus than Black students and **4.2x** more likely to be enrolled than Latinx students.

In **the rest of Onondaga County**, White students are **4.0x** more likely to be enrolled in Calculus than Black students and **3.2x** more likely to be enrolled than Latinx.

Physics



In **Syracuse**, White students are **1.9x** more likely to be enrolled in Physics than Black students and **2.0x** more likely to be enrolled than Latinx students.

In **the rest of Onondaga County**, White students are **2.7x** more likely to be enrolled in Physics than Black students and **2.5x** more likely to be enrolled in physics than Latinx students.

Computer Science

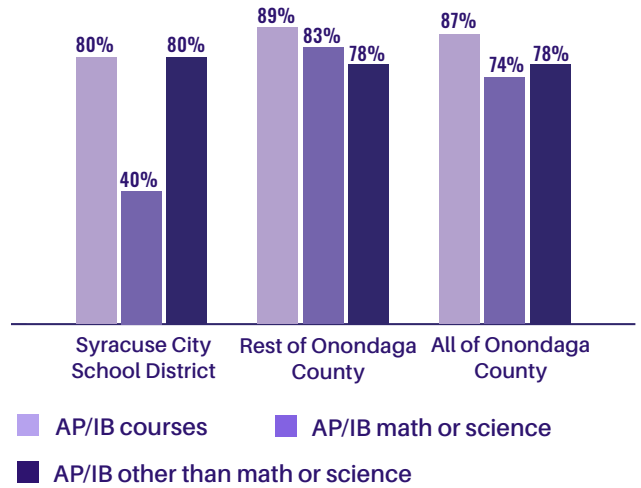
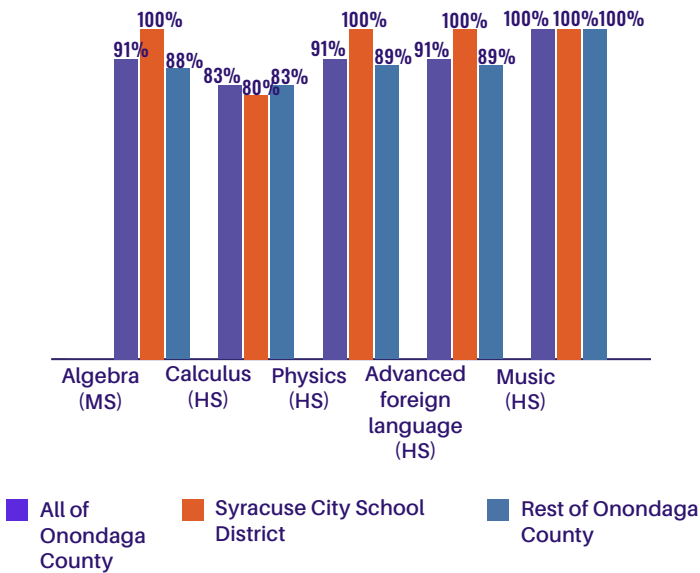


In **Syracuse**, no high schools offer Computer Science.

In **the rest of Onondaga County**, White students are **1.8x** more likely to be enrolled in Computer Science than Black students and **1.1x** 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 - Syracuse City School District	0%	0%	0%	0%	0%	0%	0%
Algebra I - Rest of Onondaga County	9%	8%	12%	18%	20%	15%	

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 - Syracuse City School District	3%	12%	10%	10%	8%	8%	
Calculus - Rest of Onondaga County	5%	6%	6%	10%	13%	10%	
Physics - Syracuse City School District	0%	0%	0%	0%	0%	0%	
Physics - Rest of Onondaga County	6%	2%	6%	5%	7%	5%	

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 - Syracuse City School District	100%	100%	100%	100%	100%	100%
Computer Science - Rest of Onondaga County	64%	12%	17%	23%	28%	26%
AP/IB -Syracuse City School District	3%	12%	10%	10%	8%	8%
AP/IB - Rest of Onondaga County	49%	6%	6%	9%	13%	9%
AP/IB Math or Science - Syracuse City School District	68%	62%	53%	60%	58%	61%
AP/IB Math or Science - Rest of Onondaga County	54%	6%	11%	11%	16%	10%
AP/IB other - Syracuse City School District	3%	12%	10%	10%	8%	8%
AP/IB other - Rest of Onondaga County	55%	7%	11%	16%	22%	12%
Advanced Foreign Language - Syracuse City School District	0%	0%	0%	0%	0%	0%
Advanced Foreign Language - Rest of Onondaga County	4%	5%	5%	8%	12%	7%
Music -Syracuse City School District	0%	0%	0%	0%	0%	0%
Music - Rest of Onondaga County	0%	0%	0%	0%	0%	0%

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