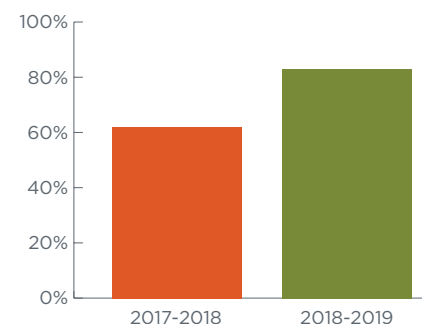


Maryland

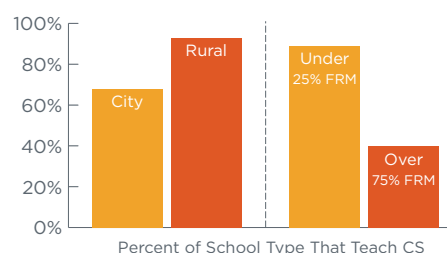
State Plan	The Maryland Center for Computing Education (MCCE) developed a state plan in 2018. The plan addresses efforts to increase the enrollment of female students, students with disabilities, and students from underrepresented racial and ethnic groups.
Yes	
Standards	The state approved K-12 computer science standards aligned to the CSTA standards in 2018. Standards within each grade band address concepts of equity, such as bias, accessible technology, and inclusivity.
Yes	
Funding	HB 281 (FY 2020 and 2021) allocated \$1M annually, and SB 185 (FY 2019) allocated \$5M for computer science education. Grants focus on serving areas with high poverty, rural areas, students with disabilities, female students, or students from marginalized racial and ethnic groups.
Yes	
Certification	Teachers with existing licensure can obtain a 7-12 endorsement through academic coursework or passing the Praxis CS exam. An initial computer science licensure requires completing academic coursework and passing the exam. Pathways for CTE, alternative certification, and an accelerated certificate also exist. A stipend is available through the MCCE for teachers who pass the exam.
Yes	
Preservice	The State Department of Education has approved teacher preparation programs leading to certification in computer science. The state provides funding for teacher preparation institutions to establish computer science education programs via HB 281 (2018).
Yes	
CS Supervisor	The Department of Education has a Computer Science Education Specialist as well as a Career Programs, STEM, and Computer Science Coordinator who collaborate with the Director of the MCCE.
Yes	
All HS Offer	HB 281 (2018) required all high schools to offer at least one computer science course by the 2021-2022 school year and asked each school board to incorporate computer science in elementary and middle schools and to increase the enrollment of female students, students with disabilities, and students of underrepresented ethnic and racial groups.
Yes	
Grad Credit	Foundations of Computer Science or Computer Science Principles can fulfill the technology credit requirement. AP Computer Science A can count as one of the four mathematics credits for graduation.
Yes	
IHE Admission	AP Computer Science can count as one of the four mathematics credits required for admission at institutions of higher education, as long as computer science is not the final year course, which aligns with the high school graduation policy.
Yes	

Maryland is a member of the ECEP Alliance, has a CSTA chapter, and Governor Larry Hogan is a member of the Governors' Partnership for K-12 Computer Science.

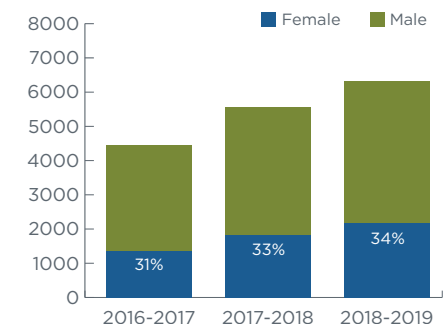
High Schools Teaching CS



High Schools Teaching CS by School Type

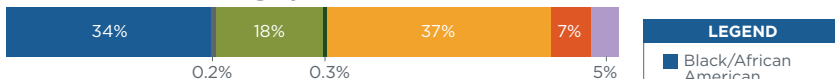


AP CS Student Participation

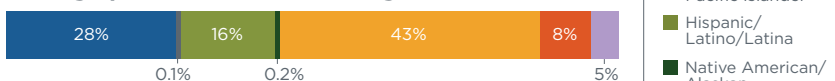


Access and Participation by Race/Ethnicity

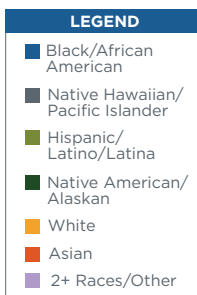
Overall Student Demographics



Demographics in Schools Teaching AP CS

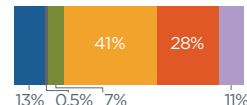


Demographics of Students Taking AP CS Exams

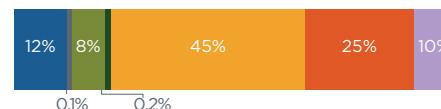


AP CS Participation by Race/Ethnicity and Gender

Female Students



Male Students



Total Number of CS Exams Taken

Hispanic/Latinx students and Black students are 3 times less likely, and Native American students are 5 times less likely than their white and Asian peers to take an AP CS exam when they attend a school that offers it.