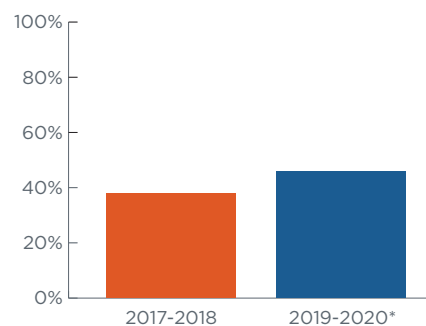


Alabama

| | |
|----------------------|--|
| State Plan | The Governor's Computer Science Advisory Council made a series of policy recommendations in 2019, including goals and strategies, but these recommendations did not include timelines. |
| In Progress | |
| Standards | The state adopted K-12 computer science and digital literacy standards in 2018. The "Equitable Access" Position Statement in the standards document includes examples of ways to broaden participation in computer science education, and the standards address concepts of equity, such as bias, accessible technology, and inclusivity. |
| Yes | |
| Funding | HB 187 (FY 2021) and SB 199 (FY 2020) appropriated \$3.771M and \$2.771M for CS education: \$614K for the Middle School Programming Initiative, \$300K for CS educator training, \$1 and \$2M for CS4AL, and \$857K for the Technology in Motion Program to train K-12 teachers in computer science. HB 175 (FY 2019) appropriated \$613K for the Middle School Programming Initiative, and an additional \$300K was allocated for professional development. SB 129 (FY 2018) allocated \$675K for the Middle School Programming Initiative. |
| Yes | |
| Certification | Teachers with existing licensure can add 6-12 computer science as an additional teaching field by passing the Praxis CS exam. Teachers can also obtain a course-specific permit by completing an approved training or college credit for the specific course. State funding for computer science can support credentialing for teachers. |
| Yes | |
| Preservice | In September 2019, the State Board of Education passed Teacher Educator Standards for Computer Science, which are used to approve programs at institutions of higher education. |
| Yes | |
| CS Supervisor | The State Department of Education has an Education Specialist and an Educator Administrator for Digital Literacy and Computer Science. |
| Yes | |
| All HS Offer | Act 389 requires all high schools, middle schools, and elementary schools to offer CS by the 2020-2021 school year. There is public reporting of CS enrollment demographics at the state level. |
| Yes | |
| Grad Credit | Courses including AP Computer Science A or AP Computer Science Principles can count as a mathematics or science credit for graduation. |
| Yes | |
| IHE Admission | AP CS A or AP CS Principles count towards mathematics or science admission requirements, as determined by each public institution of higher education. |
| Yes | |

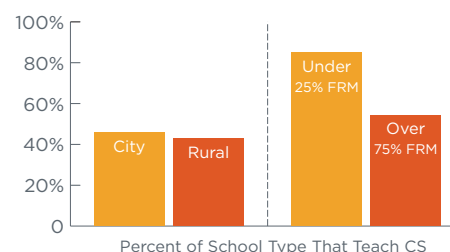
Alabama is a member of the ECEP Alliance, has a CSTA chapter, and Governor Kay Ivey is a member of the Governors' Partnership for K-12 Computer Science.

High Schools Teaching CS

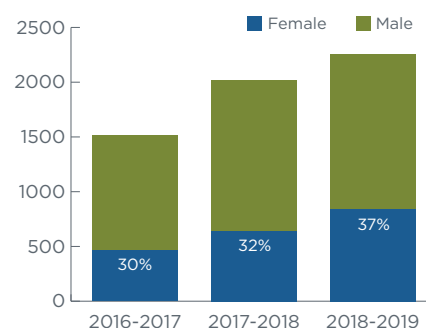


*Data was not collected for the 2018-2019 school year

High Schools Teaching CS by School Type



AP CS Student Participation



Access and Participation by Race/Ethnicity

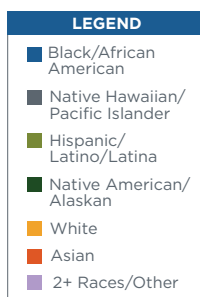
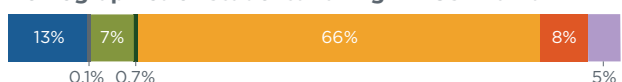
Overall Student Demographics



Demographics in Schools Teaching AP CS

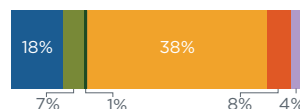


Demographics of Students Taking AP CS Exams

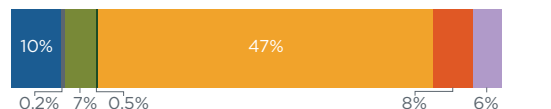


AP CS Participation by Race/Ethnicity and Gender

Female Students



Male Students



Hispanic/Latinx students are 1.5 times less likely than their white and Asian peers to attend a school that offers AP CS. Black students are 2.6 times less likely than their white and Asian peers to take an AP CS exam when they attend a school that offers it.