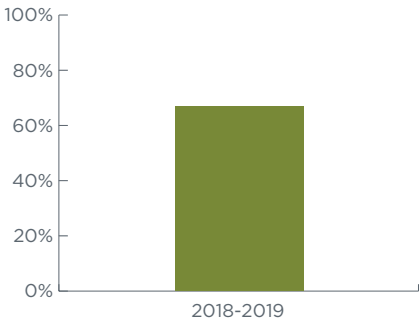# Connecticut

State Plan Yes	The State Board of Education adopted a computer science plan in 2020. The plan includes recommendations to reduce gaps in access to computer science courses for female students, students with high need, and students from marginalized racial and ethnic groups undesrrepresented in computer science. The plan also targets diverse representation in computer science teachers.
Standards Yes	The state adopted the CSTA K–12 Computer Science Standards in 2018. Standards within each grade band address concepts of equity, such as bias, accessible technology, and inclusivity.
Funding No	Although SB 957 (2019) created a fund for computer science, no funding has been dedicated yet.
Certification Yes	Teachers with existing licensure can obtain the K–6 or 7–12 endorsement through academic coursework or passing the Praxis CS exam (approved in December 2019).
Preservice Yes	SB 957 (2019) required teacher preparation programs to include, as part of the curriculum for all preservice candidates, instruction in computer science that is grade-level and subject-area appropriate.
CS Supervisor Yes	The Department of Education has a Computer Science Education Consultant.
All HS Offer Yes	SB 957 (2019) added computer science to the list of subjects that public schools must teach, with implementation by the 2019–2020 school year.
Grad Credit No	The state does not yet allow computer science to count for a core graduation requirement.
IHE Admission No	The state does not yet allow computer science to count as a core admission requirement at institutions of higher education.

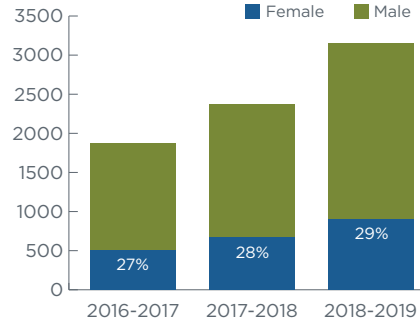Connecticut is a member of the ECEP Alliance and has a CSTA chapter.

High Schools Teaching CS

High Schools Teaching CS by School Type

Percent of School Type That Teach CS
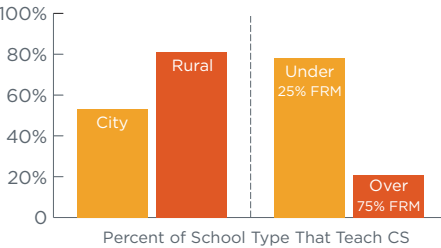
AP CS Student Participation

Access and Participation by Race/Ethnicity

Overall Student Demographics

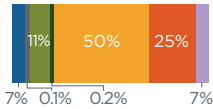### Demographics in Schools Teaching AP CS
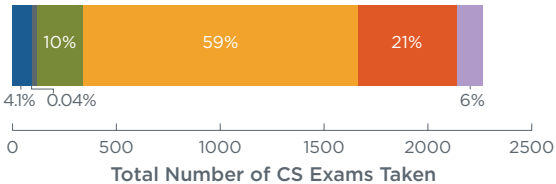

Demographics of Students Taking AP CS Exams

LEGEND
- Black/African American
- Native Hawaiian/Pacific Islander
- Hispanic/Latino/Latina
- Native American/Alaskan
- White
- Asian
- 2+ Races/Other
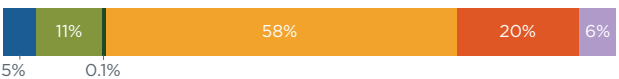
AP CS Participation by Race/Ethnicity and Gender

Female Students

Male Students

Total Number of CS Exams Taken

Black students are 2.7 times less likely, Hispanic/Latinx students are 2.4 times less likely, and Pacific Islander students are 4 times less likely than their white and Asian peers to take an AP CS exam when they attend a school that offers it.