

2025

State of AI + CS Education

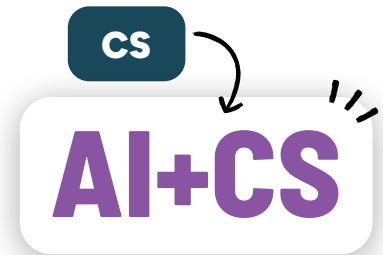


Introduction

Artificial Intelligence (AI) is transforming our world, yet most students lack the opportunity to understand how it works, manage its applications, or shape its future. For almost a decade, the State of Computer Science Education has been reporting on policy adoption and national access and participation. Now, as the focus of computer science (CS) shifts from coding to AI, this report is evolving to track progress towards preparing every student for an age of AI.

But let's be clear: AI doesn't replace CS. It depends on it. Therefore, educational policies must evolve with CS education.

For the first time ever, the **State of AI + CS Education** features a state-by-state analysis of AI education policies, including whether standards and graduation requirements emphasize AI. The report continues to track CS access, participation, and fundamental policies that have made it a trusted benchmark for policymakers, educators, and advocates.



AI Policy Landscape

4 out of 50

states emphasize AI in their CS standards

0 out of 50

states require AI+CS for graduation

5 out of 50

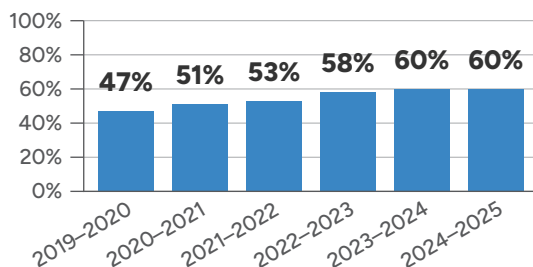
states provide AI+CS professional development funding

17 out of 50

states have guidance that clarifies CS as fundamental to AI

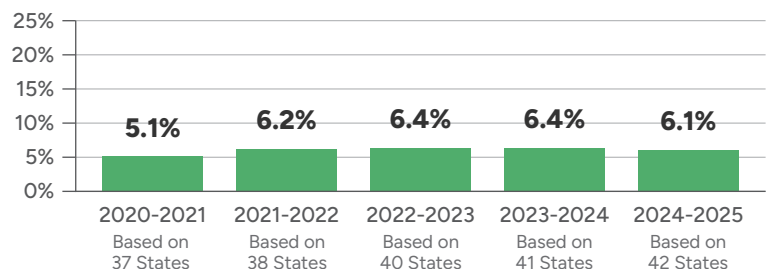
Trends in Computer Science Education

High School Access



Access to CS has plateaued, except in states with CS graduation requirements. Rural and urban schools, and schools with a high percentage of students receiving free meals are less likely to offer CS courses. Small schools (fewer than 500 students) face the greatest difficulty offering and sustaining CS courses.

High School Participation

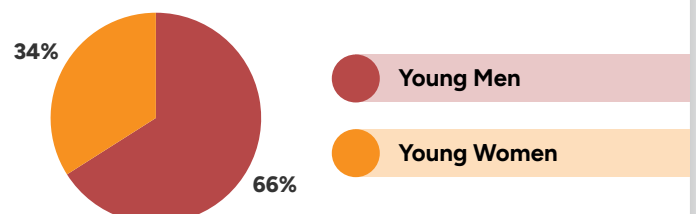


Overall participation has declined slightly, especially in states that have reduced funding for computer science. However, participation has increased in states that have passed a graduation requirement.

Participation by Gender in School Year 2024-2025

Encouragingly, participation among young women has increased from 32.5% last year, despite fewer students enrolled nationally. Of the states reporting new data, 20 states* had higher female participation than last year.

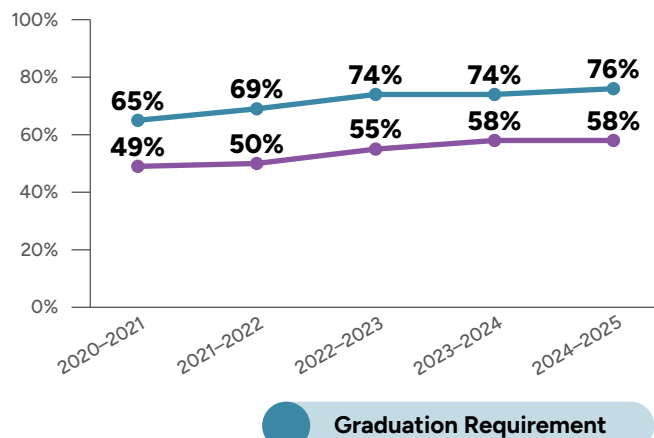
*AR, AZ, HI, IL, IN, IA, KS, MD, MA, MN, NE, NY, NC, ND, NC, OK, PA, TN, WV, WI



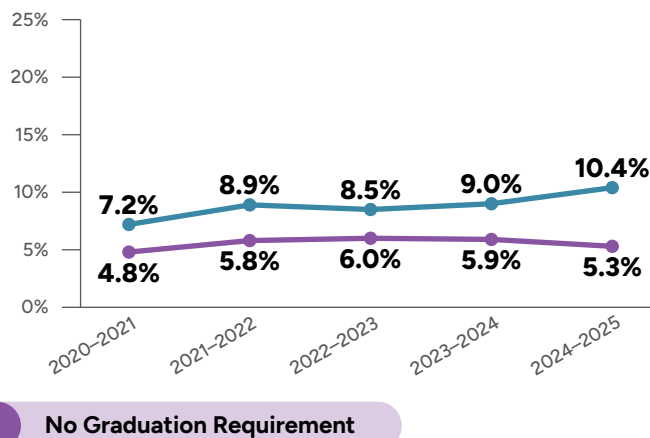


Impacts of Graduation Requirements

**High School Access:
Graduation Requirement vs. No Requirement**



**High School Participation:
Graduation Requirement vs. No Requirement**



The 12 states with CS graduation requirements show more growth in access and participation.

As more states implement graduation requirements, we will be collecting participation data by graduating senior class year rather than school year. We are encouraged that 13 states already collected data in this format and we urge the remaining states to do so.

This analysis compared the 12 states that have a graduation requirement as of 2025. For participation data we don't have any data for Nevada and we do not have every year of data for: North Carolina, North Dakota, and Rhode Island.

AI + CS Highlights

Louisiana

After launching AI guidance in 2024, the state is responding to national and state AI executive orders. A board resolution on AI has paved the way for strategic planning and statewide coordination.

North Carolina

State guidance emphasizes the technical aspects of AI literacy, including designing AI solutions. The state trained 63 educators from 35 districts to lead schoolwide AI initiatives.

West Virginia

The only state to adopt a CS graduation requirement in 2025, WV will also allow at least one foundational AI course to count. Its Department of Education is also among the few with a dedicated AI + CS coordinator.

Tennessee

In its third year of implementing a CS graduation requirement, CS access and participation have grown rapidly, with young women now comprising 42% of CS course enrollment.

A Call to Action

We are living through a technological revolution. With 65% of Gen Z workers worried about their relevance in the AI era ([ETS, 2025](#)), it's no wonder that AI literacy and data science rank among the fastest-growing skills ([WEF, 2025](#)). AI has emerged as a top priority for education systems as well ([SETDA, 2025](#)).

AI's foundation in CS presents an opportunity to leverage AI to broaden participation in CS and usher in broad AI literacy. We've renamed this year's report, 'The State of AI + CS Education,' to reflect this convergence. While many see AI and CS as distinct, the future demands we treat them as one.

Currently, 60% of high schools offer foundational CS courses. Participation has increased in states with CS graduation requirements, as well as among girls and younger students. But when considering AI + CS, only 17 of the 34 states that have AI guidance emphasize CS and only a few states prioritize AI in their CS standards. We must build on the momentum of CS to address the demand for AI.

Future reports will increasingly focus on AI. For now, the message is simple: **CS remains the foundation, AI is the frontier, and both must be a fundamental part of every student's education.**



GUIDE TO STATE SUMMARIES

Learn more at
advocacy.code.org



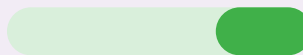
Introducing Policies to Make AI Foundational

The policy sliders listed in this section of each state page indicate whether that state has adopted each of the four listed AI+CS policies.

Below the toggles, there is a description of additional implementation details and suggested next steps for the state.

See our [website](#) for the rubric that determines each state's status.

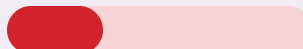
These AI+CS policies will evolve over time.



A green toggle means the policy has been fully passed or implemented.



A yellow toggle means the policy is in progress.



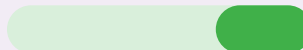
A red toggle indicates that the state does not have the policy.

Percentage of Public High Schools Offering Foundational Computer Science

This section also includes details on disparities in access based on school size and geography. If the state's data shows no disparities in access, then this section includes details on middle and elementary school CS course offerings.

Ten Policies to Make Computer Science Foundational

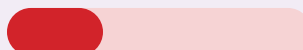
The policy sliders listed in this section of each state page indicate whether that state has adopted each of the ten CS policies. See our [website](#) for the rubric to determine each state's status.



A green toggle means the policy has been fully passed or implemented.



A yellow toggle means that policy is in progress.



A red toggle indicates the state does not have that policy.

Participation in Foundational High School Computer Science

This section shows the percentage of students who took foundational CS for the most recent school year. For 12 states, we present data on the percentage of students in the most recent senior class who took computer science at some point during their four years. We are hoping that all states will be able to collect data in this format in future years.

There is also a pie chart showing participation in CS classes based on gender and details on any other remaining participation disparities.

If a state does not collect enrollment data, we used AP data.

Participation by Gender

Shows the percentage of students who took foundational computer science in the most recent participation year by gender.

For states that do not have data for all computer science courses, we use AP data.



Introducing Policies to Make AI Foundational

AI + CS
Standards



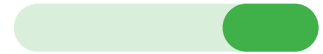
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

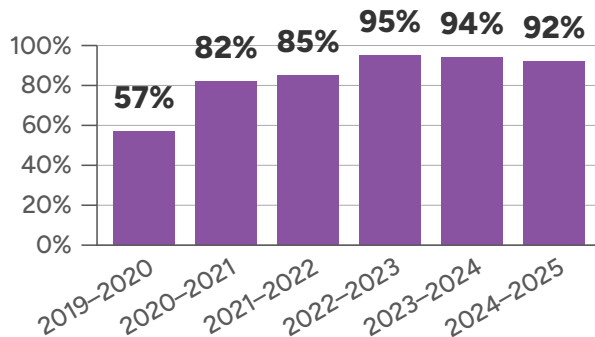


The Alabama State Department of Education has integrated AI concepts into the middle and high school computer science standards and offers computer science courses that teach about AI. The state AI policy template recognizes computer science as fundamental for developing AI competency.

Alabama can expand its commitment to AI + CS education by creating K thru 12 AI + CS standards, emphasizing AI in the state's computer science graduation requirement and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year

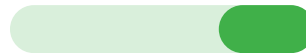


Moving Beyond High School

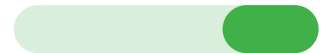
Alabama has closed nearly all gaps in high school access. Additionally, nearly all middle schools (92%) and elementary schools (99%) are also offering computer science. We applaud Alabama's work to bring computer science to K-12 public schools.

Ten Policies to Make Computer Science Foundational

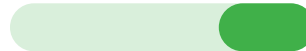
State Plan



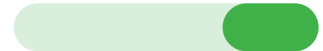
CS Standards



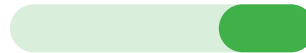
CS Funding



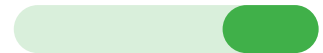
Certification



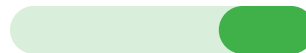
Preservice



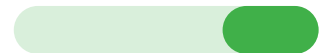
State CS Position



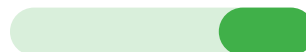
Require HS to Offer



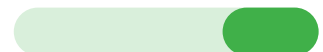
Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science by Senior Class

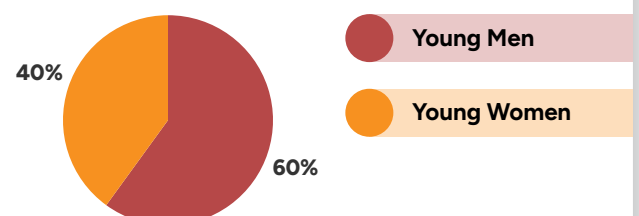
19% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Hispanic students are 1.4x less likely to enroll in computer science than their White and Asian peers.

Students receiving free or reduced lunch are 56% of the student body but represent 48% of students in computer science.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

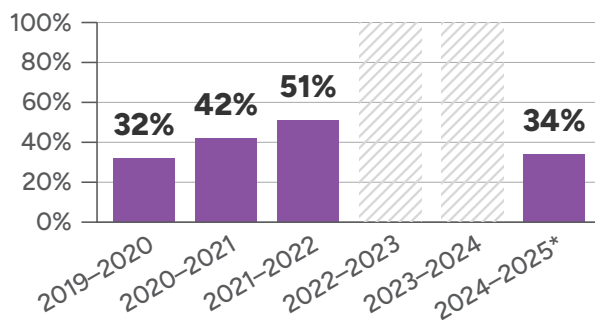


The Alaska Department of Education and Early Development Strategic Framework for AI in K–12 Education offers guidance on core principles such as transparency and fair use. However, it has yet to clarify the fundamental role of computer science education in building AI literacy.

Alaska can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2024–2025.

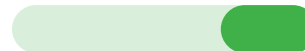
Small high schools (under 500 students) are 2.5x less likely to offer computer science than larger schools.

32% of rural schools are offering computer science compared with 54% of urban schools.

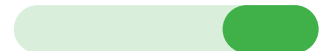
*We encountered some challenges collecting data for Alaska this year and are working closely with partners to better understand the factors behind the reported decrease in school offerings.

Ten Policies to Make Computer Science Foundational

State Plan



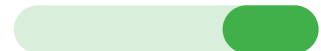
CS Standards



CS Funding



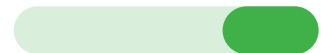
Certification



Preservice



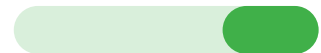
State CS Position



Require HS to Offer



Can Count



Admissions



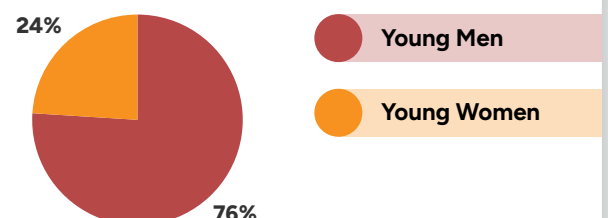
Graduation Requirement



Participation in Foundational High School Computer Science

Alaska does not collect enrollment data for all foundational computer science courses. We used 2024 AP exam data from the College Board for participation statistics. Visit code.org/ap for more data. We encourage the state to begin collecting data on all computer science courses.

Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



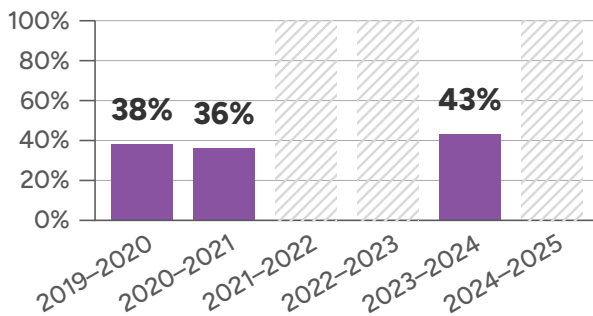
AI + CS Guidance
for Schools



The Arizona Department of Education, in partnership with the Arizona Institute for Education and the Economy and Northern Arizona University, created state AI guidance that describes the relationship between computer science standards and AI literacy. Arizona can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2023-2024.

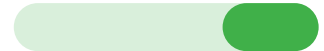
Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools. 33% of rural schools are offering computer science compared with 55% of suburban schools.

Ten Policies to Make Computer Science Foundational

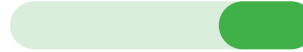
State Plan



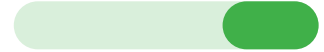
CS Standards



CS Funding



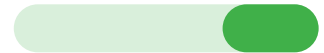
Certification



Preservice



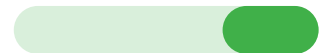
State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

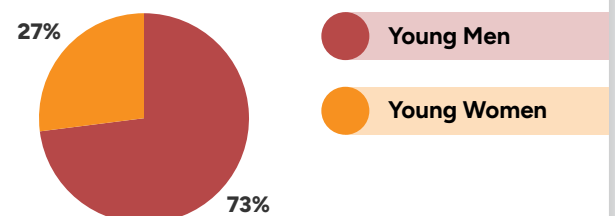
3.8% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Hispanic students are 1.5x less likely to enroll in CS than their White and Asian peers.

English Learners are 8% of the student body but represent only 4% of students in computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

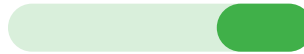
AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



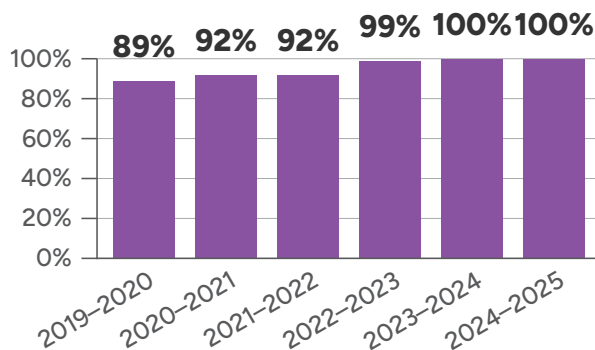
AI + CS Guidance
for Schools



The Arkansas Department of Education offers an AI course that covers topics such as statistical inference, machine learning algorithms, and data wrangling techniques, in order to prepare students for future careers or further study in data science. Arkansas can expand its commitment to AI + CS education by emphasizing AI in computer science standards and the state's computer science graduation requirement, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year

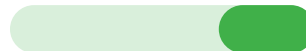


Moving Beyond High School

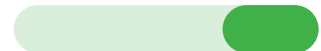
Arkansas has closed all gaps in high school access, we applaud Arkansas's work to bring computer science education to high schools. There are still gaps in access at middle schools (82%). We do not have enough data on elementary schools to assess access to computer science.

Ten Policies to Make Computer Science Foundational

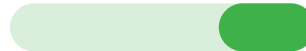
State Plan



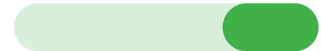
CS Standards



CS Funding



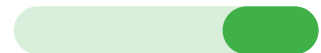
Certification



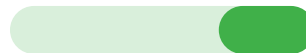
Preservice



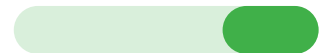
State CS Position



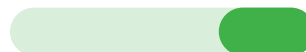
Require HS to Offer



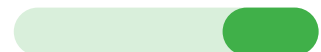
Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science by Senior Class

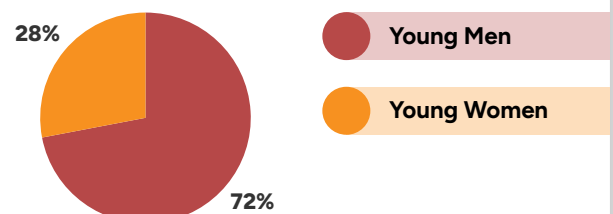
29% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Hispanic students are 1.3x less likely to enroll in computer science than their White and Asian peers.

Students receiving free or reduced lunch are 69% of the student body but represent 55% of students in computer science.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



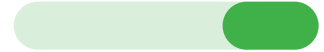
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

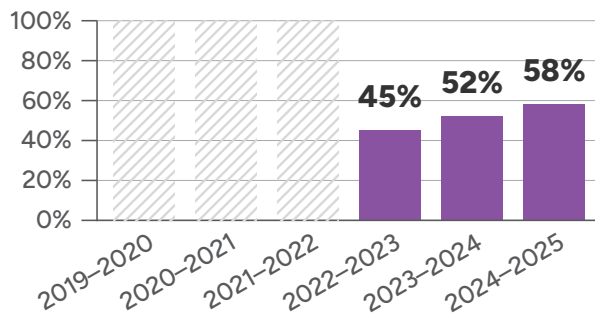


The California Department of Education emphasizes that computer science should be a core component of K–12 AI education and encourages educational leaders to ensure all students have access to computer science. SB 1288 (2024) establishes an AI Working Group to develop guidance and model policy for the safe, equitable, and effective use of AI in schools. CA AB 2876 (2024) requires the Instructional Quality Commission to consider AI literacy content for curriculum frameworks and instructional materials during the next revision cycles for mathematics, science, and history-social science.

California can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI and computer science graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

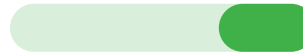
Based on the most recent data reported in 2024–2025.

Small high schools (under 500 students) are 2.5x less likely to offer computer science than larger schools.

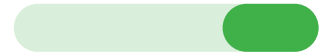
44% of rural schools are offering computer science compared with 63% of urban and suburban schools.

Ten Policies to Make Computer Science Foundational

State Plan



CS Standards



CS Funding



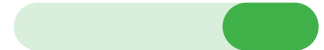
Certification



Preservice



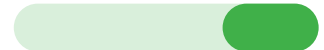
State CS Position



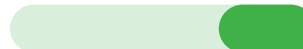
Require HS to Offer



Can Count



Admissions



Graduation Requirement

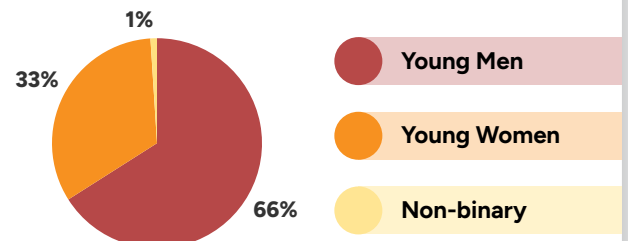


Participation in Foundational High School Computer Science

5.3% of high school students took computer science in the 2023–2024 school year.

California does not collect demographic enrollment data for all foundational computer science courses. We used 2024 AP exam data to examine gender and race participation. Visit code.org/ap for more data.

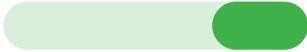
Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

AI + CS
Standards



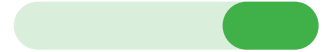
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



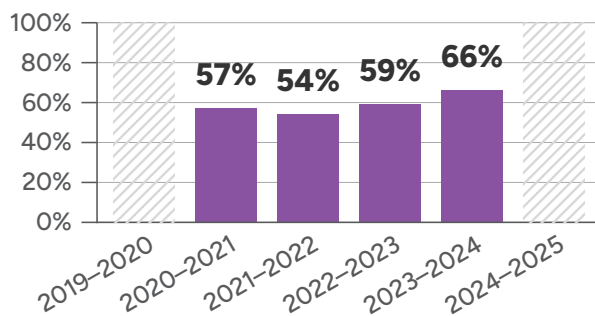
AI + CS Guidance
for Schools



The Colorado Department of Education computer science standards position AI as one of six core strands that cut across elementary, middle, and high school. The state guidance for AI in K-12 education recommends updating local graduation requirements to include AI literacy, data literacy, and ethical AI use, in line with the state computer science standards. Colorado can expand its commitment to AI + CS education by adopting an AI + CS graduation requirement and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2023-2024.

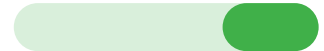
Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools. 61% of rural schools are offering computer science compared with 73% of suburban schools.

Ten Policies to Make Computer Science Foundational

State Plan



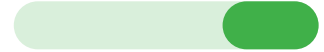
CS Standards



CS Funding



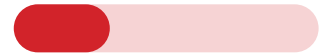
Certification



Preservice



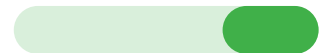
State CS Position



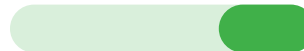
Require HS to Offer



Can Count



Admissions



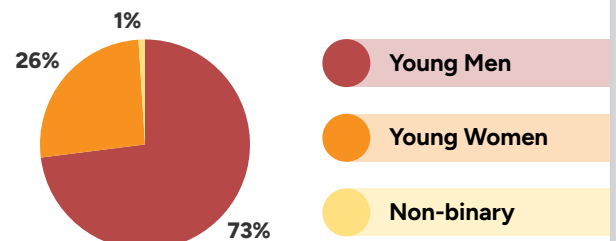
Graduation Requirement



Participation in Foundational High School Computer Science

Colorado does not collect enrollment data for all foundational computer science courses. We used 2024 AP exam data from the College Board for participation statistics. Visit code.org/ap for all more data. We encourage the state to begin collecting data on all computer science courses.

Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

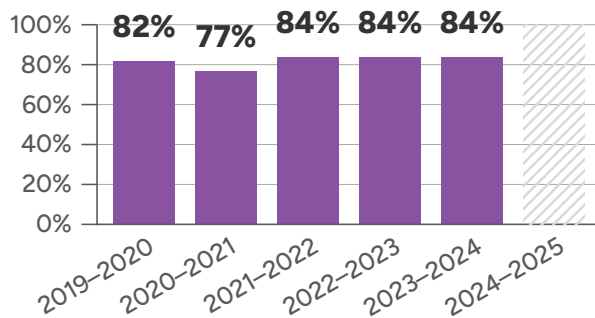


The Connecticut Commission for Educational Technology provides guidance on instructional best practices and the risks of AI, but does not yet address AI literacy or the role of computer science education. The state is piloting AI tools across seven districts in grades 7–12. Educators in these districts are receiving professional development on effective and ethical AI use, with the pilot serving to guide future statewide adoption.

Connecticut can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



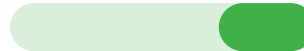
Closing Access Gaps

Based on the most recent data reported in 2023–2024.

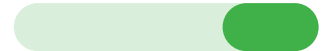
69% of rural schools are offering computer science compared with 91% of suburban schools.

Ten Policies to Make Computer Science Foundational

State Plan



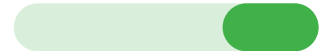
CS Standards



CS Funding



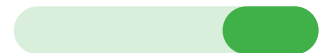
Certification



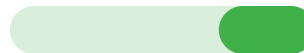
Preservice



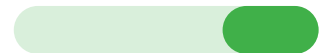
State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science by Senior Class

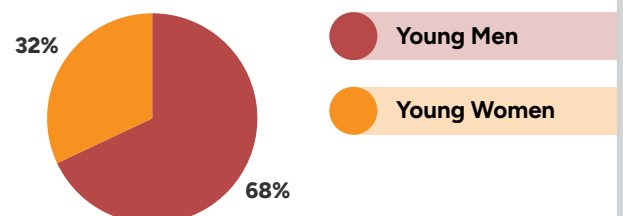
22% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Students receiving free or reduced lunch are 48% of the student body but represent 42% of students in computer science.

Students on individualized education plans are 17% of the student body but only 13% of students in computer science.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

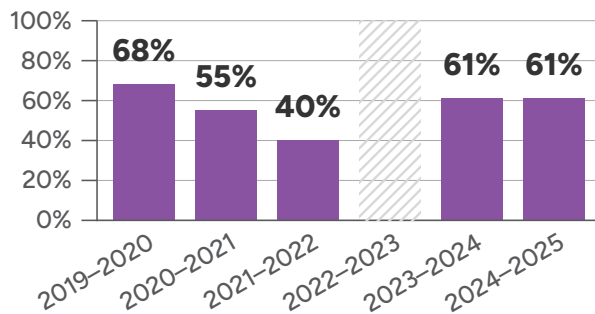


The Delaware Department of Education guidance on generative AI in the classroom clarifies that AI “encompasses a broad range of computer science disciplines” and calls on AI literacy for educators, but does not yet clarify that computer science education is fundamental to the development of AI literacy. There are plans to expand the state’s media literacy guidelines to include topics covering AI and AI literacy.

Delaware can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2024–2025.

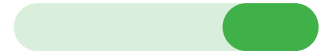
36% of urban schools are offering computer science compared with 74% of rural schools.

Ten Policies to Make Computer Science Foundational

State Plan



CS Standards



CS Funding



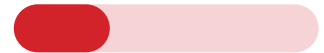
Certification



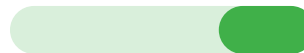
Preservice



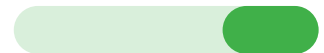
State CS Position



Require HS to Offer



Can Count



Admissions



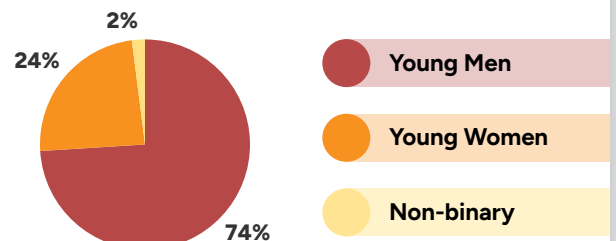
Graduation Requirement



Participation in Foundational High School Computer Science

Delaware does not collect enrollment data for all foundational computer science courses. We used 2024 AP exam data from the College Board for participation statistics. Visit code.org/ap for more data. We encourage the state to begin collecting data on all computer science courses.

Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



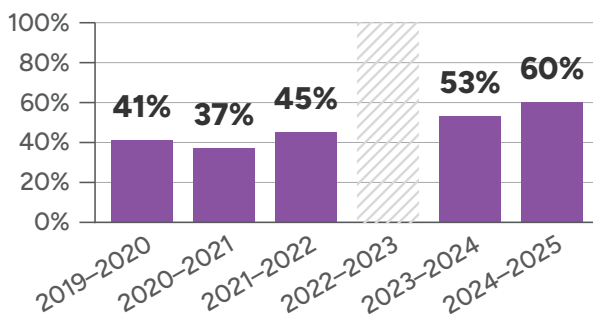
AI + CS Guidance
for Schools



The District of Columbia can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2024-2025.

50% of small schools are offering computer science compared with 76% of larger schools.

Ten Policies to Make Computer Science Foundational

State Plan



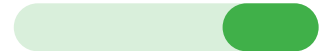
CS Standards



CS Funding



Certification



Preservice



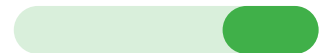
State CS Position



Require HS to Offer



Can Count



Admissions



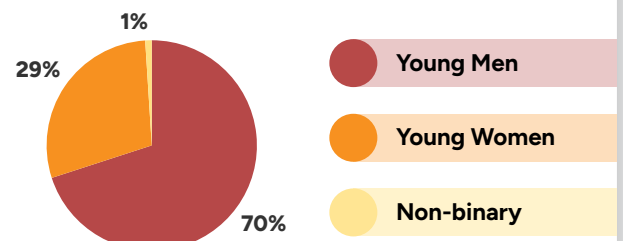
Graduation Requirement



Participation in Foundational High School Computer Science

DC does not collect enrollment data for all foundational computer science courses. We used 2024 AP exam data from the College Board for participation statistics. Visit code.org/ap for more data. We encourage the state to begin collecting data on all computer science courses.

Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

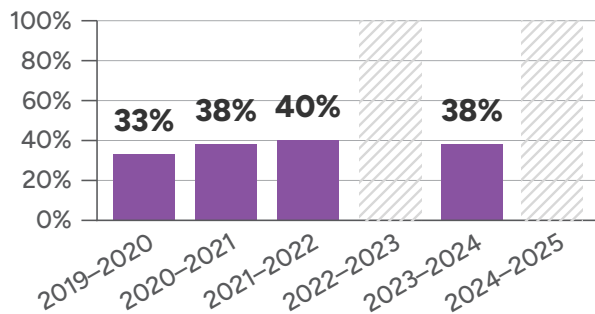


The Florida K-12 AI Education Task Force, led by the CS Everyone Center at the University of Florida, defines AI literacy as “the technical knowledge, durable skills, and future-ready attitudes required to thrive in a world influenced by AI. It enables learners to engage, create with, manage, and design AI, while critically evaluating its benefits, risks, and ethical implications.” There are also state computer science course descriptions that include AI as a topic.

Florida can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2023-2024.

Small high schools (under 500 students) are 4.5x less likely to offer computer science than larger schools.

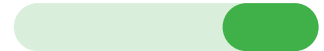
29% of rural schools are offering computer science compared with 45% of suburban schools.

Ten Policies to Make Computer Science Foundational

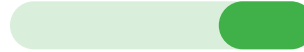
State Plan



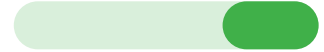
CS Standards



CS Funding



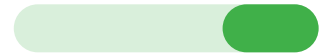
Certification



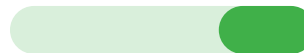
Preservice



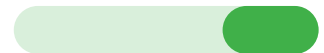
State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

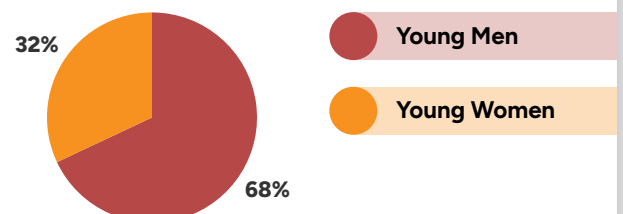
2.3% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Black students are 2.6x less likely and Hispanic students are 1.6x less likely to enroll in CS than their White and Asian peers.

Students receiving free or reduced lunch are 52% of the student body but represent only 28% of students in computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

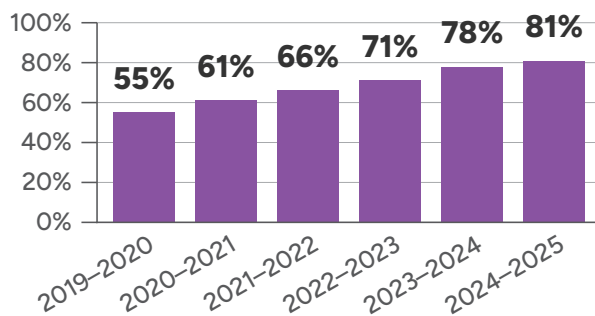


The Georgia Department of Education AI guidance recommends that professional learning for educators include the basics of AI, including how it works. Although the guidance does not yet address computer science education or broader AI literacy, the state offers computer science courses and a career pathway that incorporate AI topics.

Georgia can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

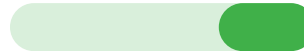
Based on the most recent data reported in 2024-2025.

Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools.

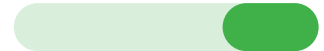
71% of rural schools are offering computer science compared with 91% of suburban schools.

Ten Policies to Make Computer Science Foundational

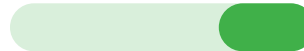
State Plan



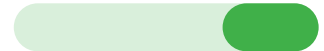
CS Standards



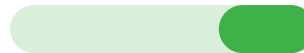
CS Funding



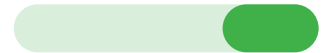
Certification



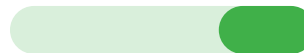
Preservice



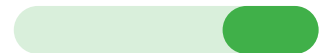
State CS Position



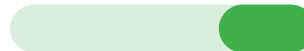
Require HS to Offer



Can Count



Admissions



Graduation Requirement



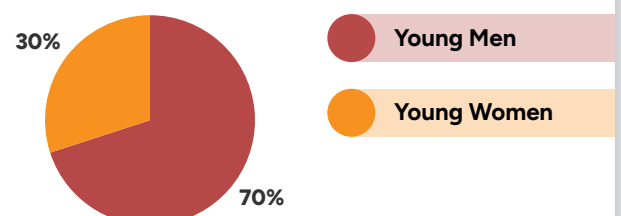
Participation in Foundational High School Computer Science

8.0% of high school students took computer science in the 2024-2025 school year.

Closing Participation Gaps

Except for the underrepresentation of young women, Georgia has closed nearly all gaps in high school participation. We applaud Georgia's effort and encourage the state to continue working to ensure all students take computer science.

Participation by Gender in 2024-2025





Introducing Policies to Make AI Foundational

AI + CS
Standards



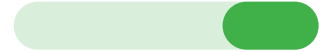
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

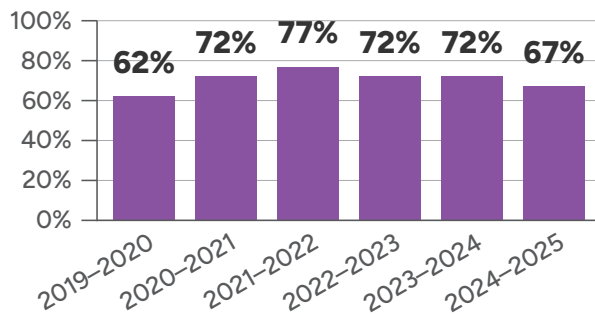


The Hawai'i State Department of Education AI guidance clarifies that students need to know both AI literacy, which focuses on how to use AI-based tools, and computer science education, which focuses on how AI works, in order to understand and use AI technology properly. AI concepts are present, but not emphasized in the state's computer science standards. There are state computer science courses that incorporate AI topics.

Hawai'i can expand its commitment to AI + CS education by adopting an AI + CS graduation requirement and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

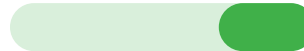
Based on the most recent data reported in 2024-2025.

Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools.

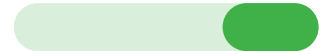
56% of rural schools are offering computer science compared with 83% of suburban schools.

Ten Policies to Make Computer Science Foundational

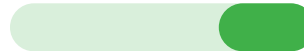
State Plan



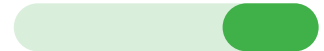
CS Standards



CS Funding



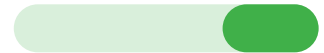
Certification



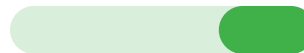
Preservice



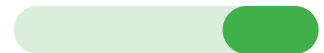
State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



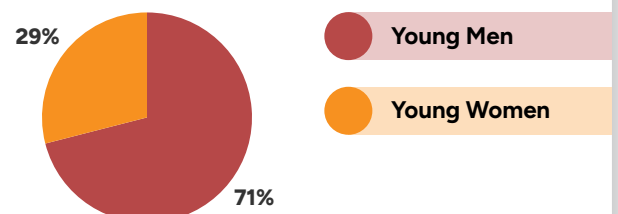
Participation in Foundational High School Computer Science by Senior Class

10% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Native Hawaiian students 2.6x less likely and Hispanic students are 1.6x less likely to enroll in CS than their White and Asian peers.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



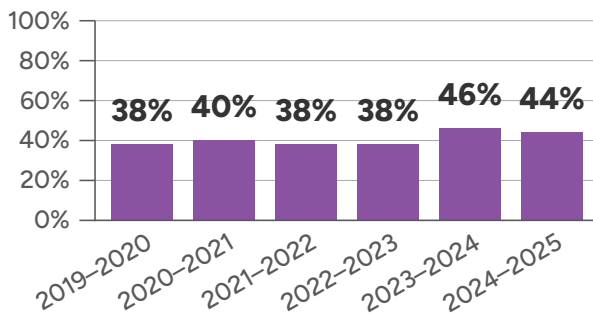
AI + CS Guidance
for Schools



Idaho can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year

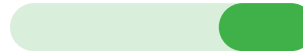


Closing Access Gaps

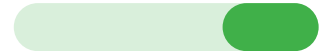
Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools.

Ten Policies to Make Computer Science Foundational

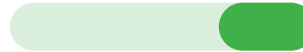
State Plan



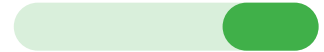
CS Standards



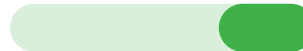
CS Funding



Certification



Preservice



State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Idaho passed a Digital Literacy graduation requirement in 2025. While this does not count as a computer science graduation requirement, we are very encouraged to see some computer science concepts within this requirement.

Participation in Foundational High School Computer Science

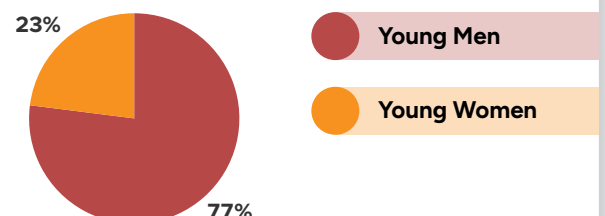
1.8% of high school students took computer science in the 2024-2025 school year.

Closing Participation Gaps

Hispanic students are 1.3x less likely to enroll in computer science than their White and Asian peers.

Students on individualized education plans are 12% of the student body but only 6% of students in computer science.

Participation by Gender in 2024-2025





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

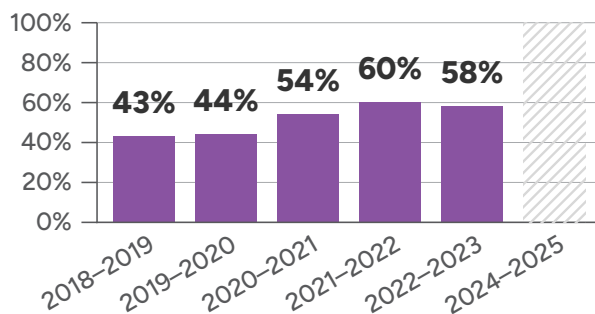


Illinois SB 1920 (2025) requires the state board of education to create statewide AI guidance that covers best practices for building student AI literacy and engaging students in age-appropriate ethical discussions.

Illinois can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and clarifying the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2023-2024.

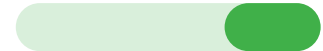
Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools. 39% of rural schools are offering computer science compared with 78% of suburban schools.

Ten Policies to Make Computer Science Foundational

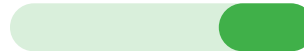
State Plan



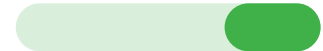
CS Standards



CS Funding



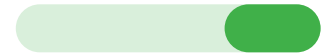
Certification



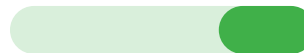
Preservice



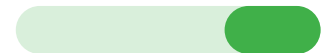
State CS Position



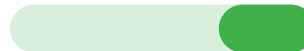
Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

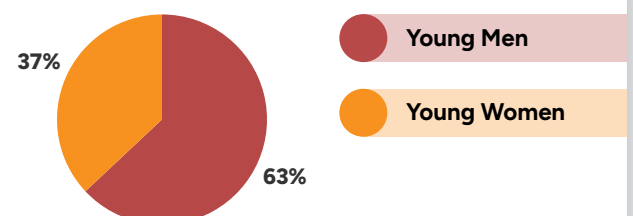
6.0% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Students on individualized education plans are 16% of the student body but only 12% of students in computer science.

Illinois has closed nearly all gaps in racial and ethnic in high school participation.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

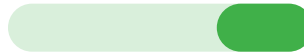
AI + CS
Standards



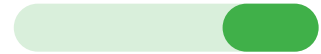
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

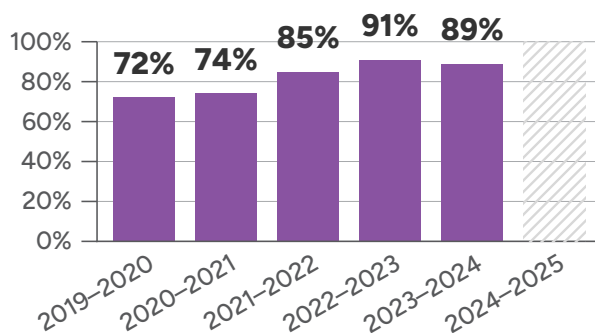


The Indiana Department of Education AI guidance calls for the integration of AI + CS, as well as teaching how to use AI and how it works. AI literacy is framed as an integral part of AI policy, student curriculum, and educator professional development. This year, the state launched “AI Insights for Educators,” a 16-part series featuring a range of experts and “AI in the Classroom Spotlight Sessions,” featuring educators showing how they are using AI to support their own tasks and their work with students.

Indiana can expand its commitment to AI + CS education by emphasizing AI in computer science standards and explicitly incorporating AI as part of its existing CS graduation requirement.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year

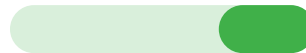


Moving Beyond High School

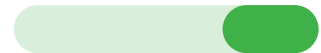
Indiana has closed nearly all gaps in high school access. We applaud Indiana’s work to bring computer science education to high schools. There are still gaps in access at middle schools (68%). We do not have enough data on elementary to assess access to computer science.

Ten Policies to Make Computer Science Foundational

State Plan



CS Standards



CS Funding



Certification



Preservice



State CS Position



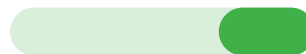
Require HS to Offer



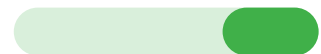
Can Count



Admissions



Graduation Requirement



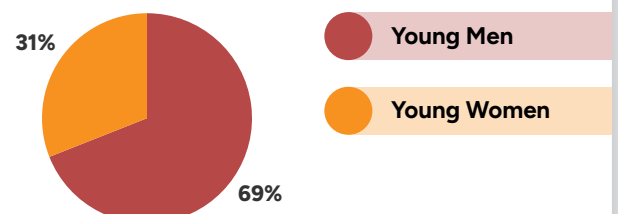
Participation in Foundational High School Computer Science by Senior Class

24% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Except for the underrepresentation of young women, Indiana has closed nearly all gaps in high school participation. We applaud Indiana’s effort and encourage the state to continue funding implementation of its graduation requirement.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



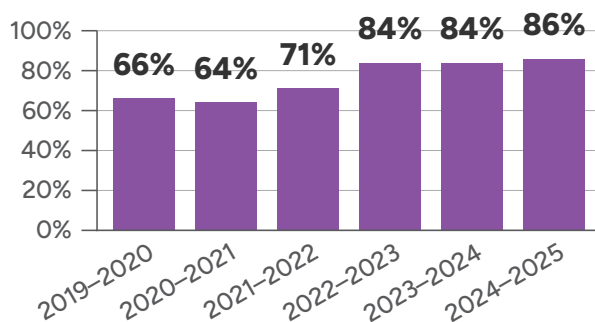
AI + CS Guidance
for Schools



Iowa can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



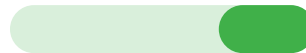
Closing Access Gaps

Based on the most recent data reported in 2024-2025.

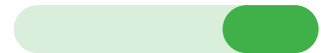
Only 65% of urban schools are offering computer science compared with 100% of suburban schools.

Ten Policies to Make Computer Science Foundational

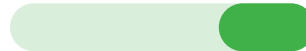
State Plan



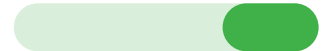
CS Standards



CS Funding



Certification



Preservice



State CS Position



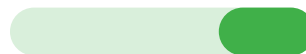
Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

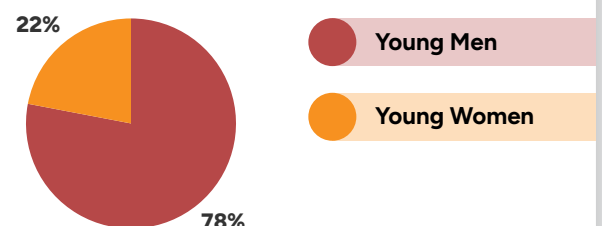
5.2% of high school students took computer science in the 2024-2025 school year.

Closing Participation Gaps

Black students are 1.5x less likely and Hispanic students are 1.7x less likely to enroll in CS than their White and Asian peers.

English Learners make up 6% of the student body but represent only 3% of students in computer science.

Participation by Gender in 2024-2025





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



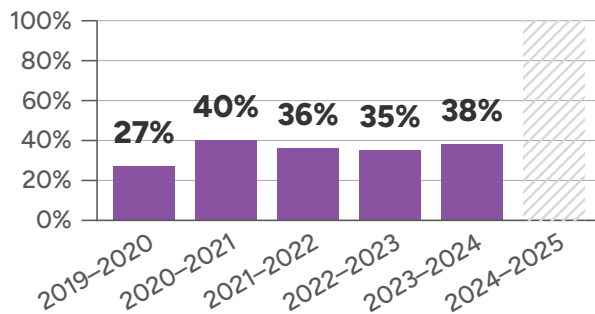
AI + CS Guidance
for Schools



The Kansas State Department of Education has state course descriptions that combine AI + CS. The state can further AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2023-2024.

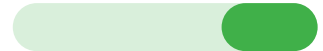
Small high schools (under 500 students) are 3x less likely to offer computer science than larger schools. 33% of rural schools are offering computer science compared with 69% of suburban schools.

Ten Policies to Make Computer Science Foundational

State Plan



CS Standards



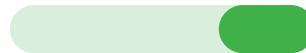
CS Funding



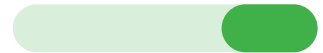
Certification



Preservice



State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

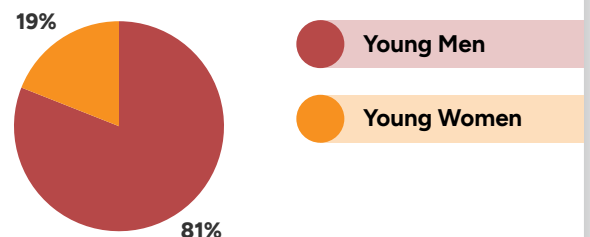
2.5% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Black students are 1.9x less likely and Hispanic students are 1.7x less likely to enroll in CS than their White and Asian peers.

Students on individualized education plans are 17% of the student body but only 9% of students in computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



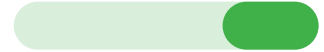
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

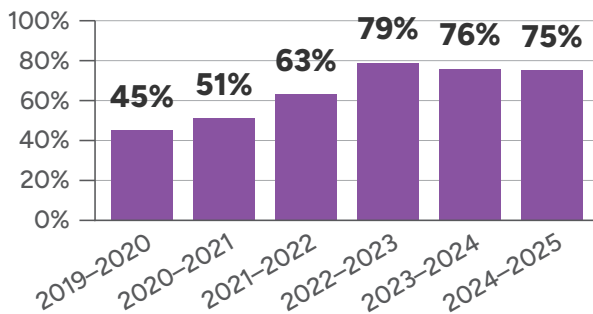


The Kentucky Department of Education AI guidance calls for policies to support the continued growth of K-12 computer science programs. The guidance positions digital citizenship and computer science as central to developing AI literacy and calls on all schools to offer computer science courses. The state has computer science course descriptions that include AI concepts.

Kentucky can expand its commitment to AI + CS education by emphasizing AI in the current revision of its computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

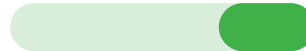
Based on the most recent data reported in 2024-2025.

56% of small schools are offering computer science compared with 95% of large schools.

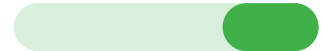
69% of rural schools are offering computer science compared with 80% of suburban schools.

Ten Policies to Make Computer Science Foundational

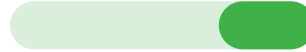
State Plan



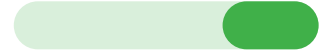
CS Standards



CS Funding



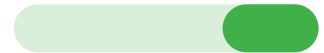
Certification



Preservice



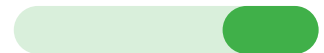
State CS Position



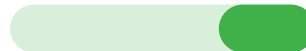
Require HS to Offer



Can Count



Admissions



Graduation Requirement



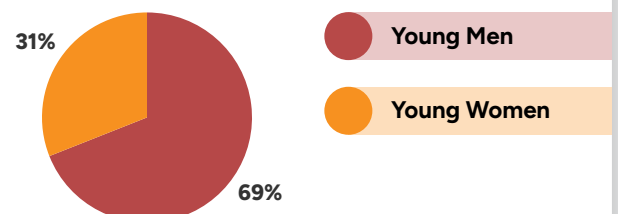
Participation in Foundational High School Computer Science by Senior Class

9.0% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Except for the underrepresentation of young women, Kentucky has closed nearly all gaps in high school participation. We applaud Kentucky's effort and encourage the state to continue working to ensure all students take computer science.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

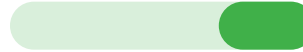
AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

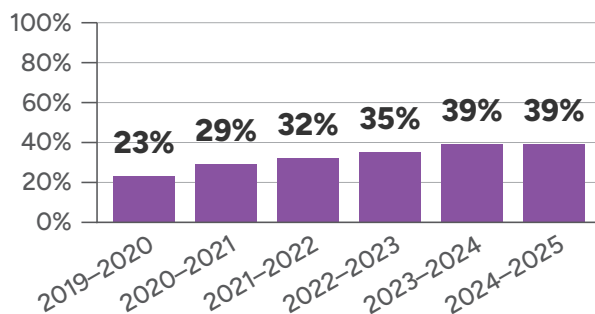


Following a White House executive order on AI in education, the Louisiana House of Representatives passed a resolution calling for expanded AI education, which was followed by a Board of Education resolution, paving the way for statewide coordination.

Louisiana can expand its commitment to AI + CS education by emphasizing AI in computer science standards, integrating AI into the state's computer science graduation requirement, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

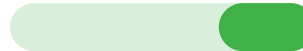
Based on the most recent data reported in 2024-2025.

Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools.

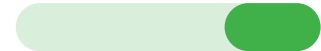
34% of rural schools are offering computer science compared with 49% of suburban schools.

Ten Policies to Make Computer Science Foundational

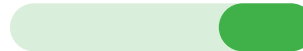
State Plan



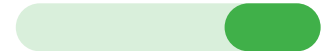
CS Standards



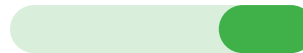
CS Funding



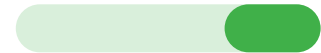
Certification



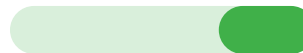
Preservice



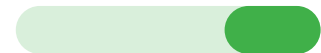
State CS Position



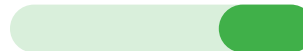
Require HS to Offer



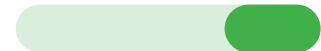
Can Count



Admissions



Graduation Requirement



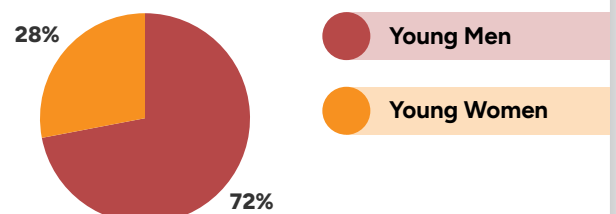
Participation in Foundational High School Computer Science by Senior Class

2.1% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Except for the underrepresentation of young women, Louisiana has closed nearly all gaps in high school participation. We applaud Louisiana's effort and encourage the state to continue working to ensure all students take computer science.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



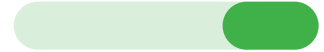
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

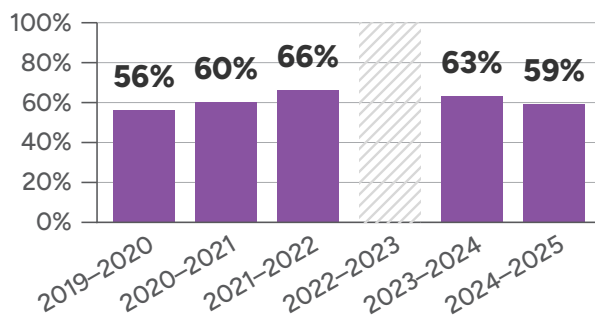


The Maine Department of Education AI Guidance Toolkit states that all students need to develop a basic understanding of AI rooted in foundational computer science and computational thinking. The state has course descriptions that combine AI + CS and employs an AI and Emerging Technology Specialist.

Maine can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

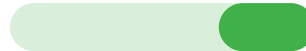
Based on the most recent data reported in 2024-2025.

Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools.

51% of rural schools are offering computer science compared with 89% of urban schools.

Ten Policies to Make Computer Science Foundational

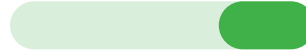
State Plan



CS Standards



CS Funding



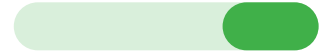
Certification



Preservice



State CS Position



Require HS to Offer



Can Count



Admissions



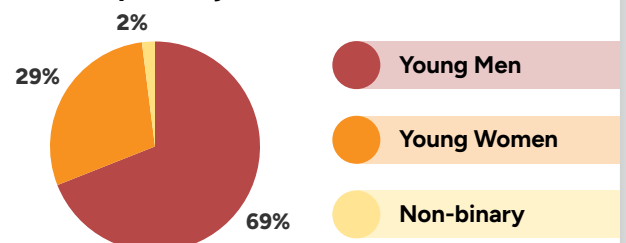
Graduation Requirement



Participation in Foundational High School Computer Science

Maine does not collect enrollment data for all foundational computer science courses. We used 2024 AP exam data from the College Board for participation statistics. Visit code.org/ap for more data. We encourage the state to begin collecting data on all computer science courses.

Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

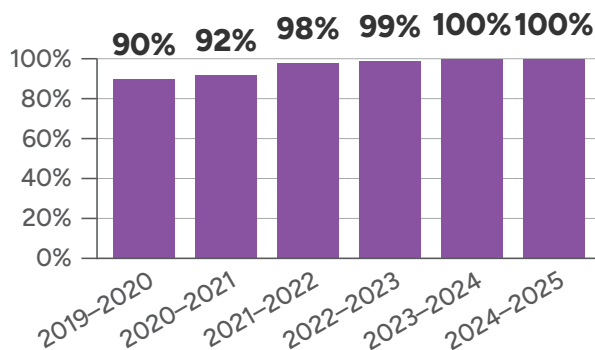


The Maryland FY 2026 budget appropriated funding (\$50k) for an AI needs assessment of school districts across the state and for a task force related to K–12 AI education. Although the task force has not yet been formed, the Maryland State Department of Education and its partner, Morgan State University's Center for Equitable Artificial Intelligence and Machine Learning Systems, have convened a stakeholder group to oversee the needs assessment.

Maryland can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI and computer science graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year

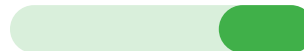


Moving Beyond High School

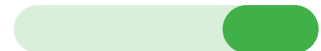
Maryland has closed all gaps in high school access. We applaud Maryland's work to bring computer science education to high schools. There are still gaps in access at middle schools (76%). We do not have enough data on elementary schools to assess access to computer science.

Ten Policies to Make Computer Science Foundational

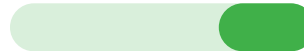
State Plan



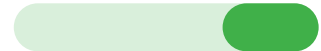
CS Standards



CS Funding



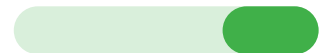
Certification



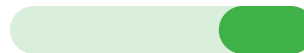
Preservice



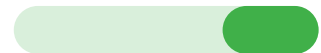
State CS Position



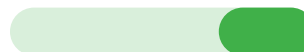
Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

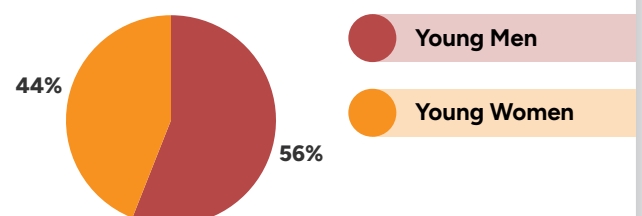
17% of high school students took computer science in the 2024–2025 school year.

Closing Participation Gaps

English Learners are 11% of the student body but represent only 7% of students in computer science.

Maryland has closed nearly all gaps in racial and ethnic high school participation.

Participation by Gender in 2024–2025





Introducing Policies to Make AI Foundational

AI + CS
Standards



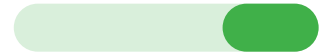
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

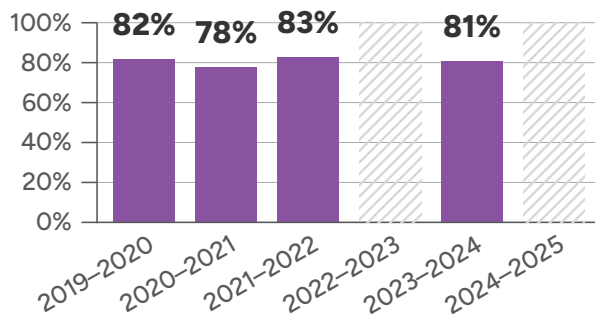


The Massachusetts Department of Elementary and Secondary Education AI guidance clarifies that AI literacy includes teaching with and about AI and calls for alignment with the state Digital Literacy and Computer Science standards to ensure a deeper understanding of the foundations of AI. The state has computer science course descriptions that integrate AI concepts and an AI task force informing statewide AI strategy.

Massachusetts can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

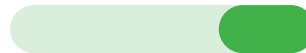
Based on the most recent data reported in 2024-2025.

57% of small schools are offering computer science compared with 94% of larger schools.

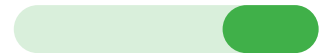
73% of urban schools are offering computer science compared with 86% of rural schools.

Ten Policies to Make Computer Science Foundational

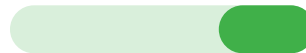
State Plan



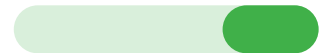
CS Standards



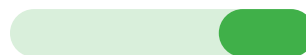
CS Funding



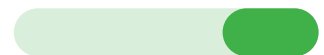
Certification



Preservice



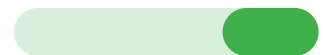
State CS Position



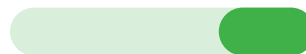
Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

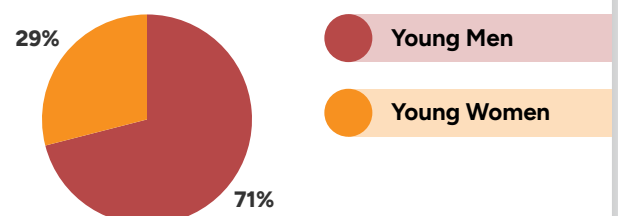
7.9% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Hispanic students are 1.4x less likely to enroll in CS than their White and Asian peers.

Students on individualized education plans make up 20% of the student body but only 12% of students in CS.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

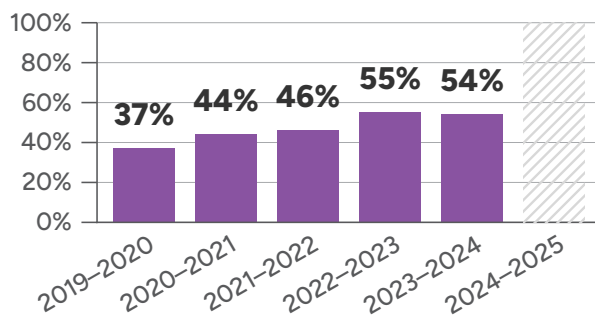


Michigan Virtual created guidance, endorsed by the Michigan Department of Education, that defines AI as a branch of CS. However, it does not yet clarify that CS education is fundamental to developing AI literacy. Michigan Virtual offers AI resources for school districts, as well as professional development for teachers. There is a statewide AI workgroup to discuss policy issues and guidance around AI in education.

Michigan can further AI + CS education by emphasizing AI in CS standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2024-2025.

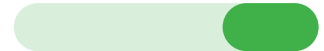
Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools.

Ten Policies to Make Computer Science Foundational

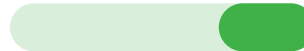
State Plan



CS Standards



CS Funding



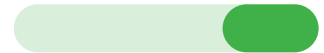
Certification



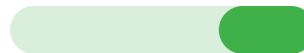
Preservice



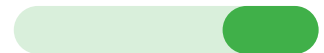
State CS Position



Require HS to Offer



Can Count



Admissions



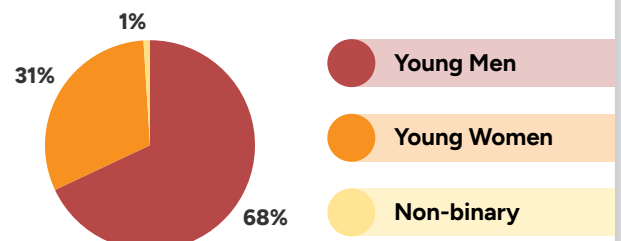
Graduation Requirement



Participation in Foundational High School Computer Science

Michigan does not collect enrollment data for all foundational computer science courses. We used 2024 AP exam data from the College Board for participation statistics. Visit code.org/ap for more data. We encourage the state to begin collecting data on all computer science courses.

Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

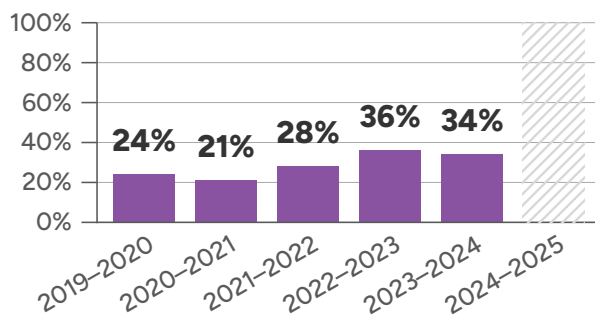


The Minnesota Department of Education has AI guidance that defines AI literacy as how AI works and how it impacts the world, but it does not yet clarify that computer science education is fundamental to the development of AI literacy. The state has computer science course descriptions that integrate AI concepts.

Minnesota can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



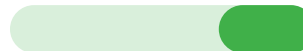
Closing Access Gaps

Based on the most recent data reported in 2023-2024.

Small high schools (under 500 students) are 3.5x less likely to offer computer science than larger schools.

Ten Policies to Make Computer Science Foundational

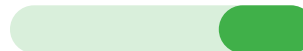
State Plan



CS Standards



CS Funding



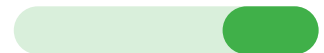
Certification



Preservice



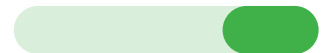
State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

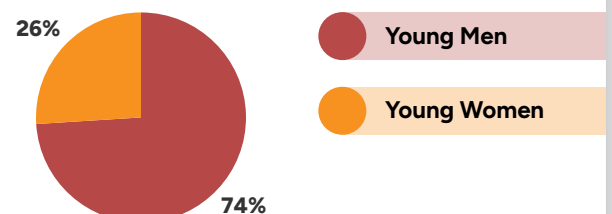
1.8% of high school students took computer science in the 2023-2024 school year

Closing Participation Gaps

Native American students are 2.1x less likely, to enroll in computer science than their White and Asian peers.

Students receiving free or reduced lunch are 43% of the student body but represent only 19% of students in computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

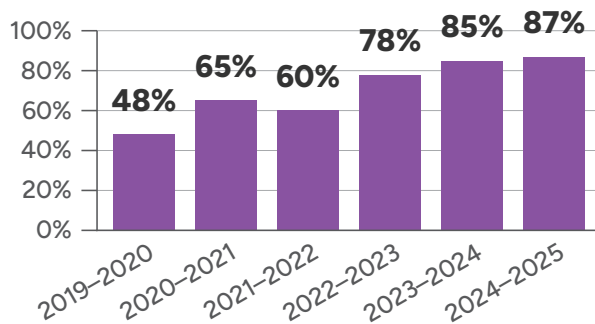


The Mississippi Department of Education has course descriptions that combine AI + CS and a statewide AI task force.

Mississippi can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and clarifying the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year

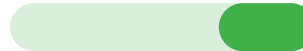


Moving Beyond High School

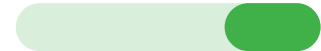
Mississippi has closed nearly all gaps in high school access, we applaud Mississippi's work to bring computer science education to high schools. There are still gaps in access at middle schools (64%) and elementary school (54%).

Ten Policies to Make Computer Science Foundational

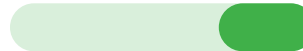
State Plan



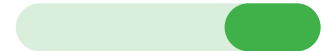
CS Standards



CS Funding



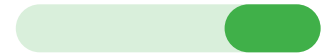
Certification



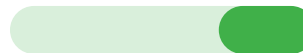
Preservice



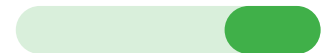
State CS Position



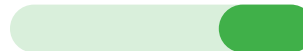
Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

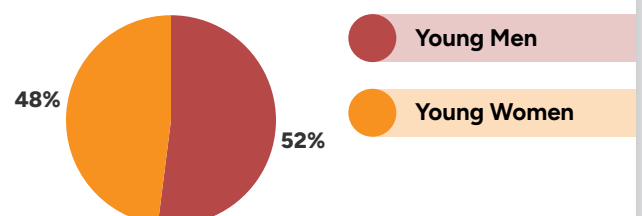
11% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Students on individualized education plans are 16% of the student body but only 12% of students in computer science.

Mississippi has closed nearly all gaps in racial and ethnic in high school participation.

Participation by Gender in 2024-2025





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

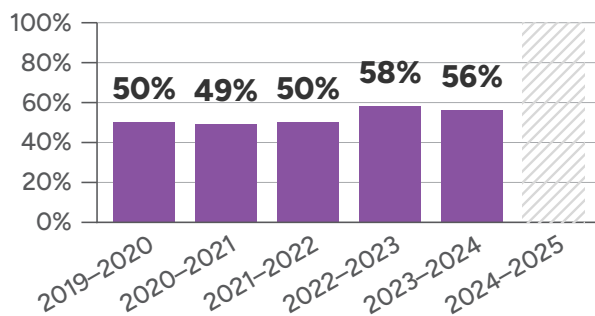


The Missouri Department of Elementary and Secondary Education's AI guidance was informed by the Missouri Computer Science Advisory Council. It calls for expanding AI literacy by providing AI + CS professional development, but does not yet clarify that computer science education is fundamental to the development of AI literacy.

Missouri can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



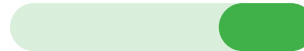
Closing Access Gaps

48% of small schools are offering computer science compared with 75% of larger schools.

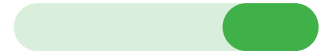
51% of rural schools are offering computer science compared with 83% of suburban schools.

Ten Policies to Make Computer Science Foundational

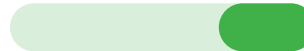
State Plan



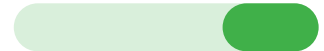
CS Standards



CS Funding



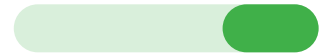
Certification



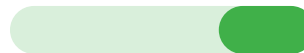
Preservice



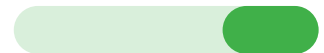
State CS Position



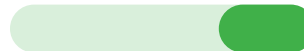
Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

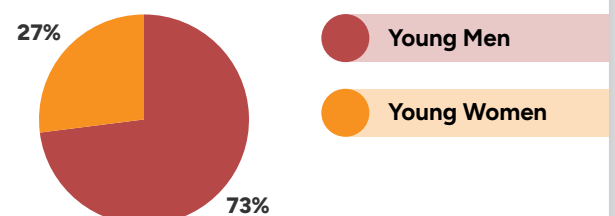
2.9% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Students on individualized education plans are 14% of the student body but only 9% of students in computer science.

Missouri has closed nearly all gaps in racial and ethnic in high school participation.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



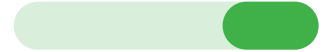
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

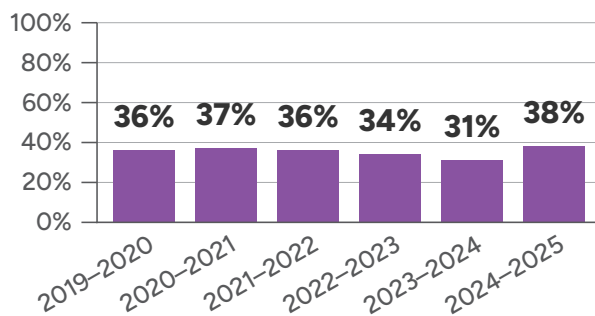


The Montana Office of Public Instruction AI guidance promotes AI literacy for all staff and students, and states that AI in education must be built upon a strong foundation, including coding. The state also has computer science course descriptions that integrate AI concepts.

Montana can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2024-2025.

Small high schools (under 500 students) are 3x less likely to offer computer science than larger schools.

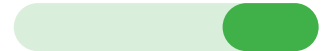
34% of rural schools are offering computer science compared with 92% of urban schools.

Ten Policies to Make Computer Science Foundational

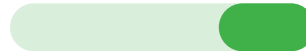
State Plan



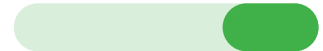
CS Standards



CS Funding



Certification



Preservice



State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement

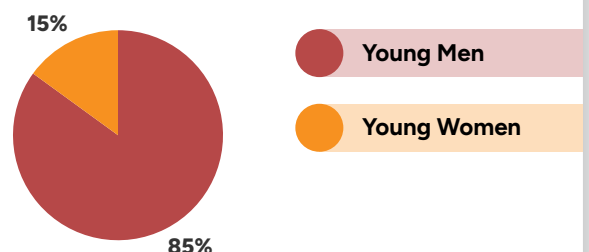


Participation in Foundational High School Computer Science

3.7% of high school students took computer science in the 2023-2024 school year.

Montana does not collect demographic enrollment data for all foundational computer science courses. We used 2024 AP exam data to examine gender and race participation. Visit code.org/ap for more data.

Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



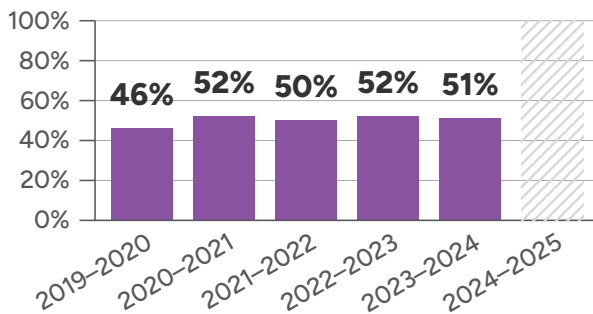
AI + CS Guidance
for Schools



Nebraska can promote AI + CS education by emphasizing AI in computer science standards and the state's computer science graduation requirement, providing dedicated PD funding, and offering AI guidance that clarifies the importance of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



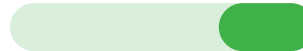
Closing Access Gaps

Based on the most recent data reported in 2023-2024.

Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools. 47% of rural schools are offering computer science compared with 77% of urban schools.

Ten Policies to Make Computer Science Foundational

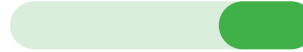
State Plan



CS Standards



CS Funding



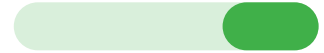
Certification



Preservice



State CS Position



Require HS to Offer



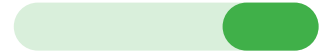
Can Count



Admissions



Graduation Requirement



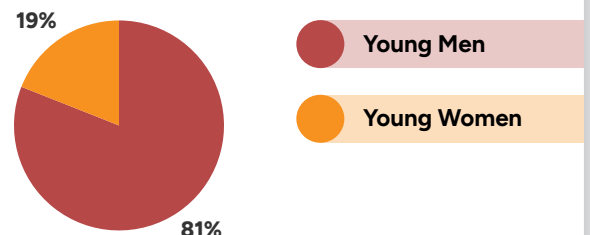
Participation in Foundational High School Computer Science by Senior Class

4.7% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Black students are 1.6x less likely and Hispanic students are 1.7x less likely to enroll in CS than their White and Asian peers.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

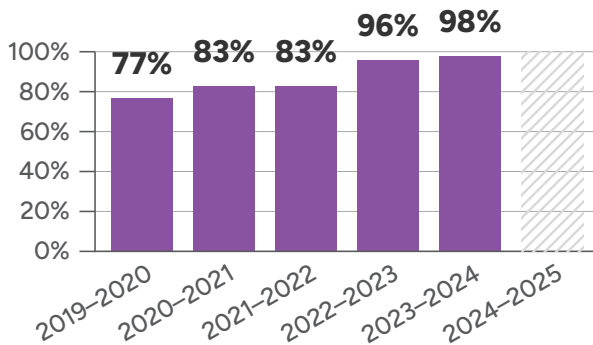


The Nevada Department of Education AI guidance states that AI literacy includes understanding how it works, its potential application, and its ethical implications, but it does not yet clarify that computer science education is fundamental to AI literacy. AI concepts are present, but not emphasized, in the state's computer science standards.

Nevada can expand its commitment to AI + CS education by emphasizing AI in the state's graduation requirement, providing dedicated professional development funding, and clarifying the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year

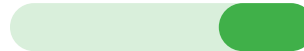


Moving Beyond High School

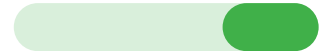
Nevada has closed nearly all gaps in high school access, we applaud Nevada's work to bring computer science education to all high schools. There are still gaps in access at middle schools (49%). Nevada has also added computer science to elementary school report cards.

Ten Policies to Make Computer Science Foundational

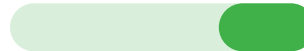
State Plan



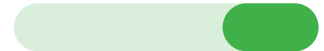
CS Standards



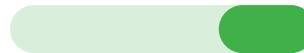
CS Funding



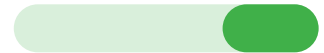
Certification



Preservice



State CS Position



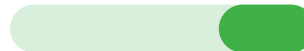
Require HS to Offer



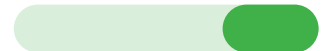
Can Count



Admissions



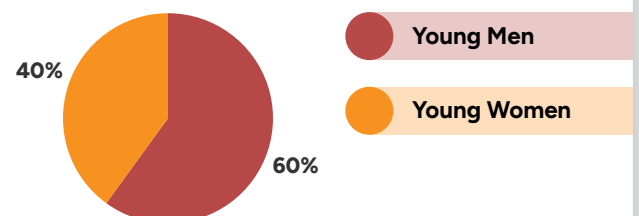
Graduation Requirement



Participation in Foundational High School Computer Science

We are working with the state to get more accurate participation data. For now, we used 2024 AP exam data from the College Board for participation statistics.

Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



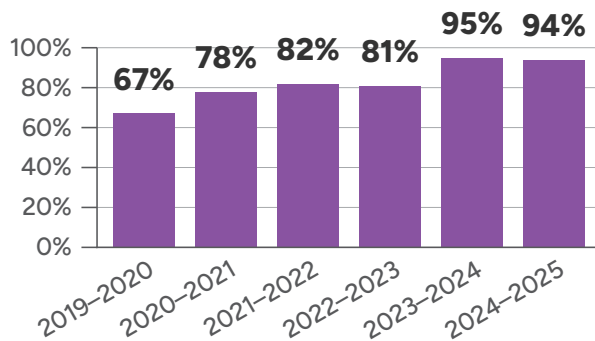
AI + CS Guidance
for Schools



New Hampshire can promote AI + CS education by emphasizing AI in computer science standards, creating an AI + CS graduation requirement, providing dedicated PD funding, and offering AI guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year

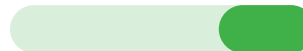


Moving Beyond High School

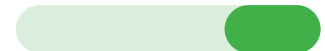
New Hampshire has closed nearly all gaps in high school access, we applaud New Hampshire's work to bring computer science education to all high schools. Comprehensive data on elementary and middle school access is not available.

Ten Policies to Make Computer Science Foundational

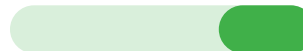
State Plan



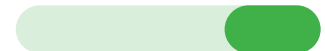
CS Standards



CS Funding



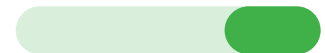
Certification



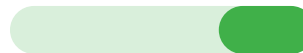
Preservice



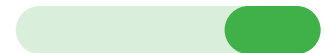
State CS Position



Require HS to Offer



Can Count



Admissions



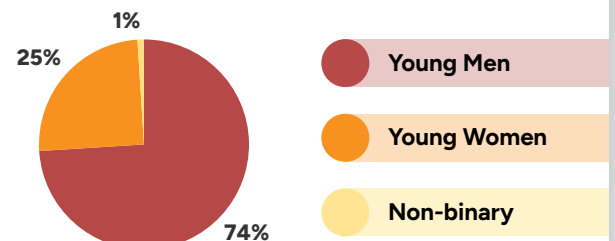
Graduation Requirement



Participation in Foundational High School Computer Science

New Hampshire does not collect enrollment data for all foundational computer science courses. We used 2024 AP exam data from the College Board for participation statistics. Visit code.org/ap for more data. We encourage the state to begin collecting data on all computer science courses.

Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

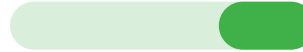
AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



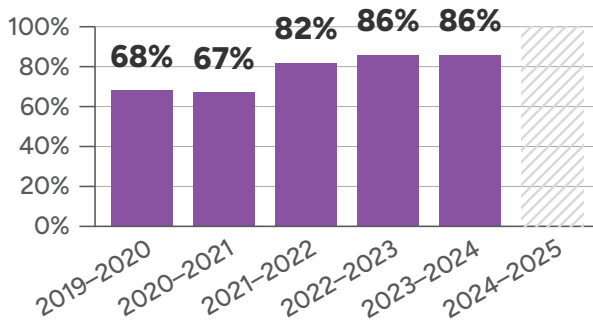
AI + CS Guidance
for Schools



The New Jersey Department of Education has computer science course descriptions that integrate AI concepts. The state introduced a grant program for local education agencies to innovate in the areas of teaching with AI and teaching about AI. New Jersey can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

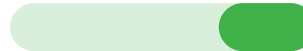
Based on the most recent data reported in 2023-2024.

59% of small schools are offering computer science compared with 93% of larger schools.

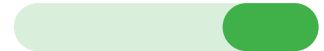
65% of urban schools are offering computer science compared with 92% of rural schools.

Ten Policies to Make Computer Science Foundational

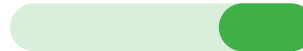
State Plan



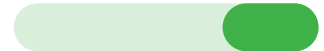
CS Standards



CS Funding



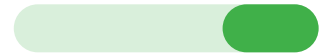
Certification



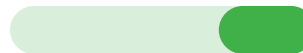
Preservice



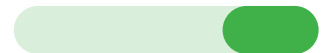
State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science by Senior Class

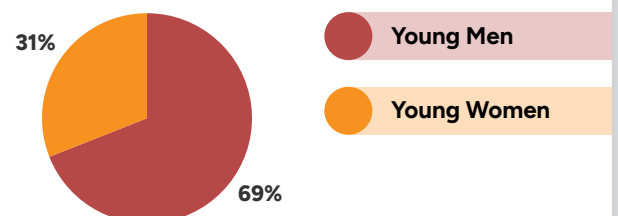
21% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Hispanic students are 1.5x less likely to enroll in computer science than their White and Asian peers.

English Learners make up 6% of the student body but represent only 3% of students in computer science.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

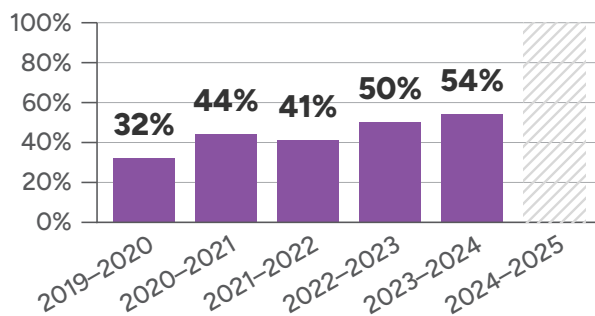


The New Mexico Public Education Department has computer science course descriptions that integrate AI concepts.

New Mexico can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



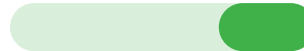
Closing Access Gaps

Based on the most recent data reported in 2023-2024.

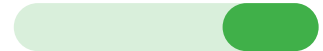
Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools.

Ten Policies to Make Computer Science Foundational

State Plan



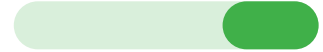
CS Standards



CS Funding



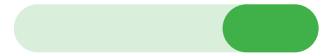
Certification



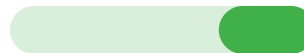
Preservice



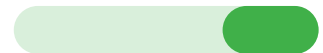
State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

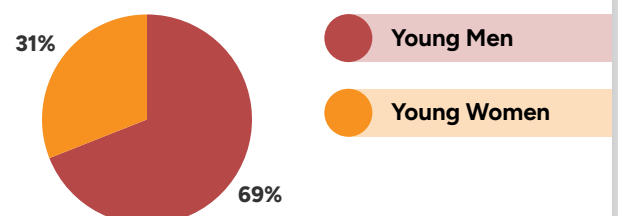
3.3% of high school students took computer science in the 2023-2024 school year

Closing Participation Gaps

Hispanic students are 1.3x less likely to enroll in computer science than their White and Asian peers.

Students receiving free or reduced lunch make up 75% of the student body but represent only 28% of students in computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

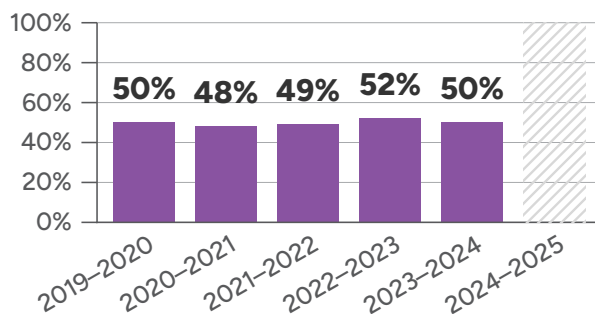


The New York State Education Department has computer science courses that incorporate AI concepts.

New York can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



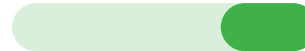
Closing Access Gaps

Based on the most recent data reported in 2023-2024.

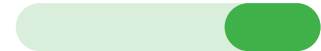
Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools. 40% of urban schools are offering computer science compared with 78% of rural schools.

Ten Policies to Make Computer Science Foundational

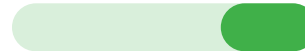
State Plan



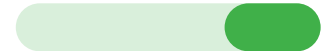
CS Standards



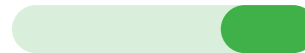
CS Funding



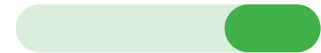
Certification



Preservice



State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

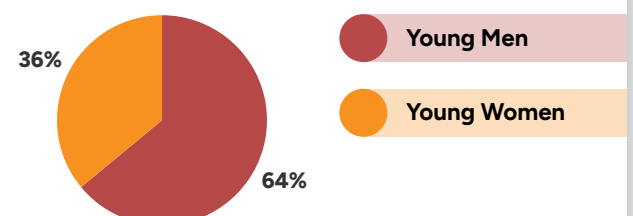
3.1% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Students on individualized education plans are 21% of the student body but only 16% of students in computer science.

English Learners are 10% of the student body but represent only 7% of students in computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



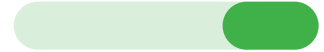
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

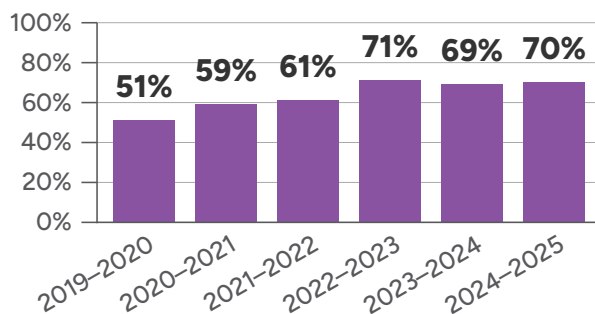


The North Carolina Department of Public Instruction AI guidance frames AI literacy as “the technical knowledge, durable skills, and future-ready attitudes required to thrive in a world influenced by AI,” which includes designing AI solutions. The state also has state AI + CS courses. North Carolina has hosted virtual and in-person professional learning events throughout the state and organizes a statewide community of practice.

North Carolina can expand its commitment to AI + CS education by emphasizing AI in the state’s CS standards and CS graduation requirement, providing dedicated professional development funding, and updating their guidance to clarify the fundamental role of CS education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

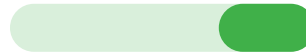
Based on the most recent data reported in 2024-2025.

56% of small schools are offering computer science compared with 81% of large schools.

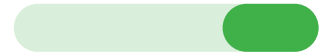
65% of rural schools are offering computer science compared with 78% of suburban schools.

Ten Policies to Make Computer Science Foundational

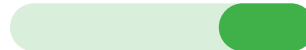
State Plan



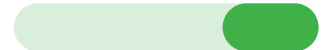
CS Standards



CS Funding



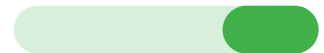
Certification



Preservice



State CS Position



Require HS to Offer



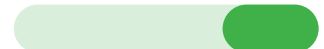
Can Count



Admissions



Graduation Requirement



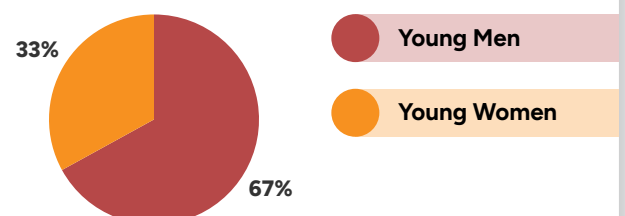
Participation in Foundational High School Computer Science

5.7% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Except for the underrepresentation of young women, North Carolina has closed nearly all gaps in high school participation. We applaud North Carolina’s effort and encourage the state to continue supporting their computer science graduation requirement.

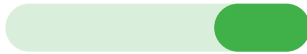
Participation by Gender in 2024-2025





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

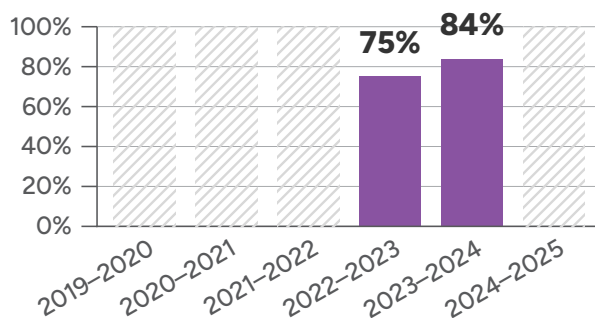


The North Dakota Department of Public Instruction has emphasized AI concepts across its elementary, middle, and high school Computer Science & Cyber Security standards. The state offers computer science courses that incorporate AI concepts.

North Dakota can expand its commitment to AI + CS education by emphasizing AI in the state's computer science graduation requirement, providing dedicated professional development funding, and clarifying the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Computer Science and Cybersecurity

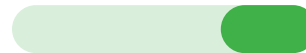
Access by School Year



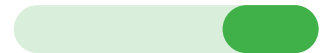
North Dakota is the only state with a computer science and cybersecurity graduation requirement. For this page, we include cybersecurity. However, when comparing with other states, we use the national definition of CS which excludes cybersecurity. When using that definition, 53% of high schools offered CS, and 7.4% of high school students took a CS course in the 2023-2024 school year in North Dakota.

Ten Policies to Make Computer Science Foundational

State Plan



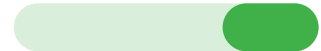
CS Standards



CS Funding



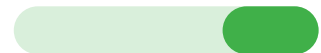
Certification



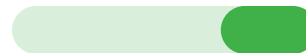
Preservice



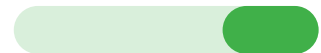
State CS Position



Require HS to Offer



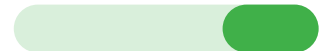
Can Count



Admissions



Graduation Requirement

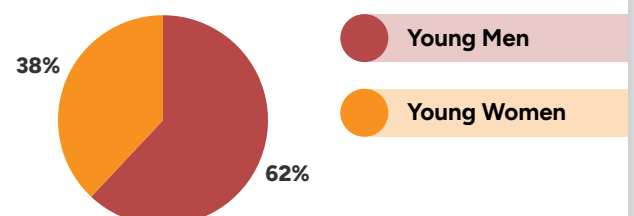


Participation in High School Computer Science and Cybersecurity

16% of high school students took computer science or cybersecurity in the 2023-2024 school year.

North Dakota does not collect demographic enrollment data for all foundational computer science courses. We used 2024 AP exam data to examine race participation. Visit code.org/ap for more data.

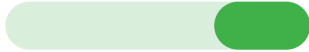
Participation by Gender





Introducing Policies to Make AI Foundational

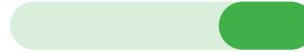
AI + CS
Standards



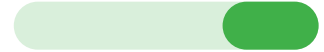
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

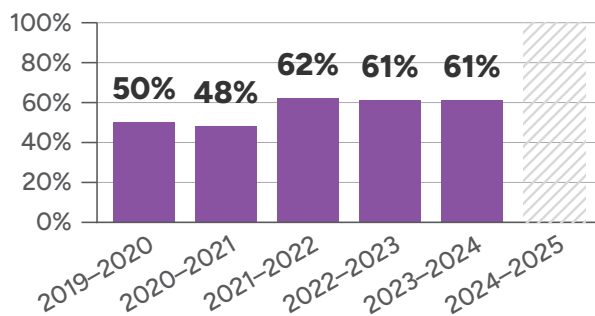


The Ohio Department of Education and Workforce frames AI as one of six strands that cut across their elementary, middle, and high school CS standards. The state offers CS courses that incorporate AI concepts. The state AI guidance recommends incorporating AI concepts and skills into state technology and CS standards and aligning the state AI education strategy to those standards. This year, the Legislature included a provision in its biennial budget bill requiring that all school districts adopt an AI policy by July 2026.

Ohio can expand its commitment to AI + CS education by adopting an AI + CS graduation requirement.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

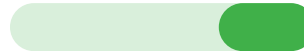
Based on the most recent data reported in 2023-2024.

Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools.

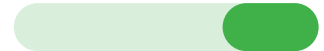
56% of rural and urban schools are offering computer science compared with 72% of suburban schools.

Ten Policies to Make Computer Science Foundational

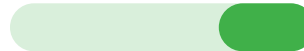
State Plan



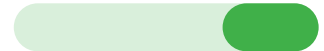
CS Standards



CS Funding



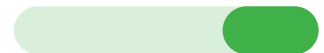
Certification



Preservice



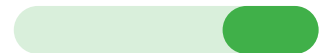
State CS Position



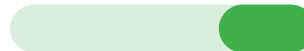
Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

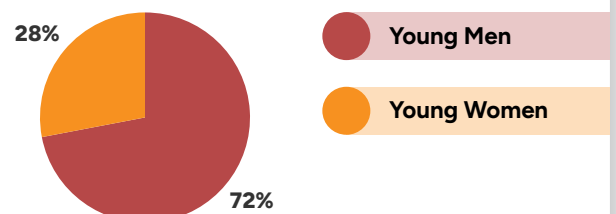
3.0% of high school students took computer science in the 2024-2025 school year.

Closing Participation Gaps

Students on individualized education plans are 17% of the student body but only 9% of students in computer science.

Ohio has closed nearly all gaps in racial and ethnic in high school participation.

Participation by Gender in 2024-2025





Introducing Policies to Make AI Foundational

AI + CS
Standards



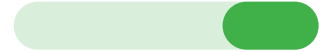
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

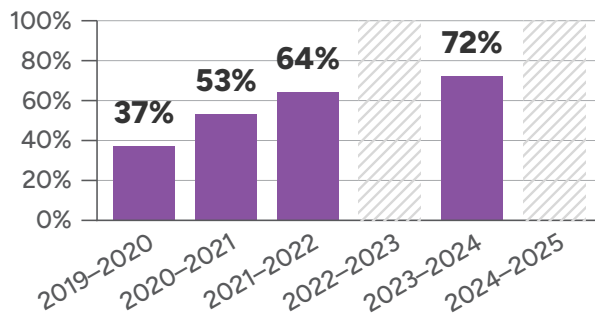


The Oklahoma State Department of Education AI guidance highlights computer science education as essential to building AI literacy — helping students understand how AI systems work, what they can do, and their limits. The state also offers computer science courses that incorporate AI concepts, has established a statewide AI task force, and employs an AI and Digital Learning Program Director.

Oklahoma can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

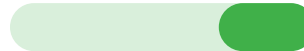
Based on the most recent data reported in 2022-2023.

66% of small schools are offering computer science compared with 90% of larger schools.

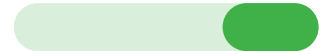
69% of rural schools are offering computer science compared with 87% of suburban schools.

Ten Policies to Make Computer Science Foundational

State Plan



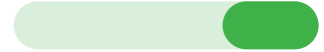
CS Standards



CS Funding



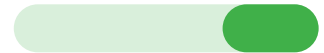
Certification



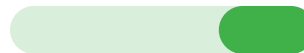
Preservice



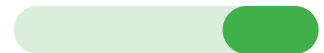
State CS Position



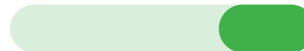
Require HS to Offer



Can Count



Admissions



Graduation Requirement



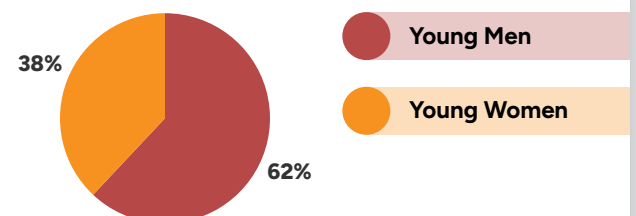
Participation in Foundational High School Computer Science

7.6% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Except for the underrepresentation of young women, Oklahoma has closed nearly all gaps in high school participation. We applaud Oklahoma's effort and encourage the state to continue working to ensure all students take computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

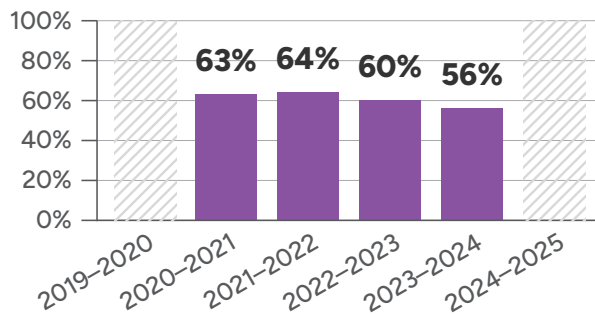


The Oregon Department of Education AI guidance clarifies that understanding how AI functions is based on computer science, but does not yet clarify the fundamental role of computer science education in developing AI literacy. The state also offers computer science courses that incorporate AI concepts.

Oregon can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

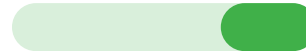
Based on the most recent data reported in 2023-2024.

Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools.

50% of rural schools are offering computer science compared with 69% of urban schools.

Ten Policies to Make Computer Science Foundational

State Plan



CS Standards



CS Funding



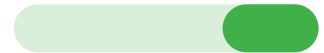
Certification



Preservice



State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

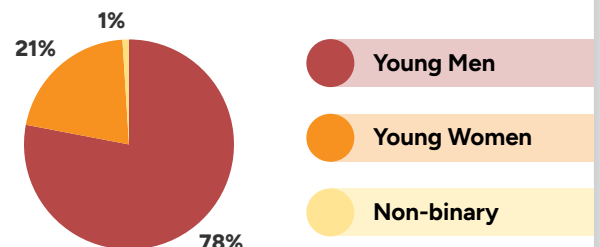
6.9% of high school students took computer science in the 2022-2023 school year.

Closing Participation Gaps

Hispanic students are 1.3x less likely to enroll in computer science than their White and Asian peers.

English Learners make up 10% of the student body but represent only 5% of students in computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

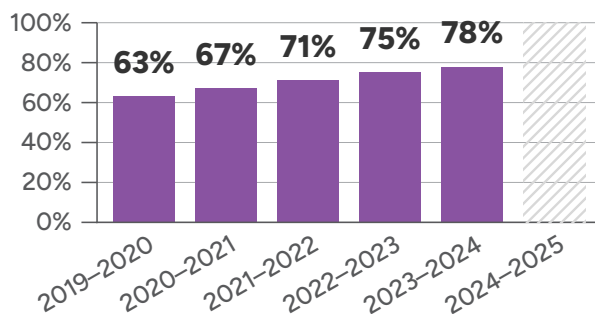


The Pennsylvania Department of Education has computer science courses that integrate AI concepts.

Pennsylvania can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2023-2024.

61% of small schools are offering computer science compared with 87% of larger schools.

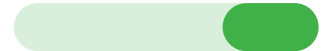
57% of urban schools are offering computer science compared with 90% of suburban schools.

Ten Policies to Make Computer Science Foundational

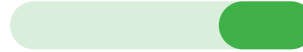
State Plan



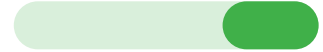
CS Standards



CS Funding



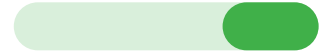
Certification



Preservice



State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



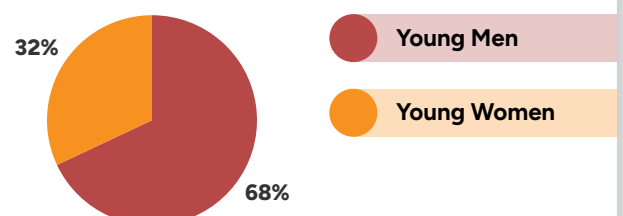
Participation in Foundational High School Computer Science

3.5% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Except for the underrepresentation of young women, Pennsylvania has closed nearly all gaps in high school participation. We applaud Pennsylvania's effort and encourage the state to continue working to ensure all students take computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



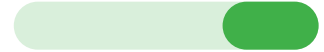
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

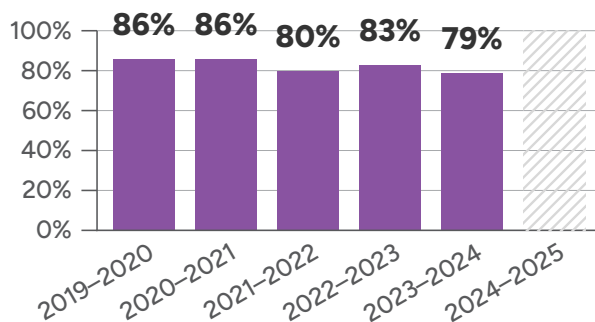


The Rhode Island Department of Education AI guidance promotes AI literacy and computer science for all students to promote college and career readiness. The state has computer science courses that integrate AI concepts.

Rhode Island can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

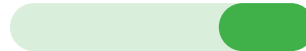
Based on the most recent data reported in 2023-2024.

60% of small schools are offering computer science compared with 94% of larger schools.

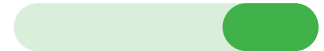
57% of urban schools are offering computer science compared with 94% of suburban schools.

Ten Policies to Make Computer Science Foundational

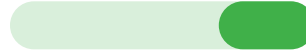
State Plan



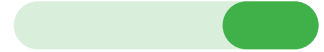
CS Standards



CS Funding



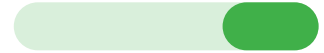
Certification



Preservice



State CS Position



Require HS to Offer



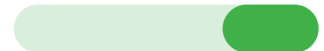
Can Count



Admissions



Graduation Requirement



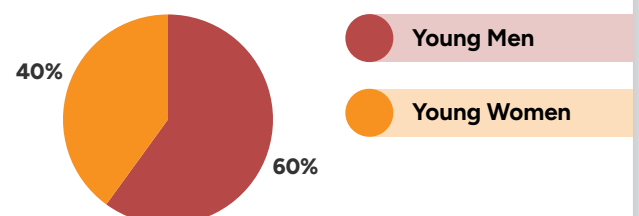
Participation in Foundational High School Computer Science by Senior Class

39% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Except for the underrepresentation of young women, Rhode Island has closed nearly all gaps in high school participation. We applaud Rhode Island's effort and encourage the state to continue working to ensure all students take computer science.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



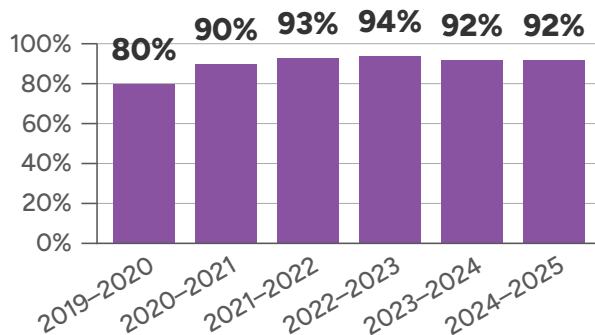
AI + CS Guidance
for Schools



South Carolina has an AI education task force and can expand its commitment to AI + CS education by emphasizing AI in computer science standards, incorporating AI into their computer science graduation requirement, providing dedicated PD funding, and offering AI guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2023-2024.

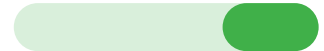
South Carolina has closed nearly all gaps in high school access, we applaud South Carolina's work to bring computer science education to all high schools. There are still gaps in access at middle schools (58%) and elementary school (14%).

Ten Policies to Make Computer Science Foundational

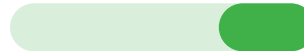
State Plan



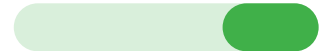
CS Standards



CS Funding



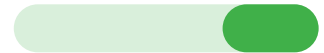
Certification



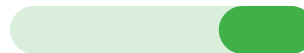
Preservice



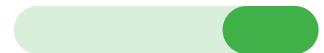
State CS Position



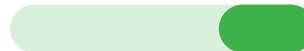
Require HS to Offer



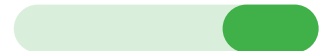
Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

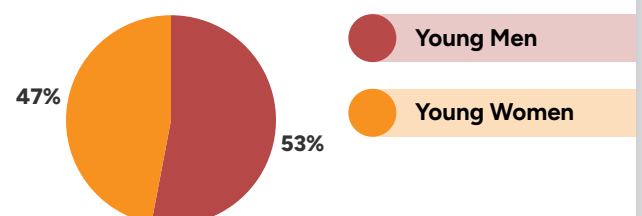
26% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Students receiving free or reduced lunch are 70% of the student body but represent only 53% of students in computer science.

Students on individualized education plans are 14% of the student body but only 11% of students in computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

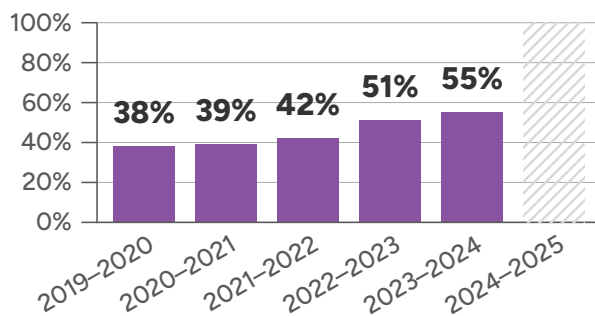


The South Dakota Department of Education has integrated AI concepts into elementary and middle school computer science standards, and high school standards development is in progress. The state offers computer science courses that incorporate AI concepts.

South Dakota can expand its commitment to AI + CS education by adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2023-2024.

Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools.

53% of rural schools are offering computer science compared with 75% of urban schools.

Ten Policies to Make Computer Science Foundational

State Plan



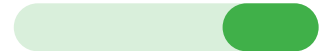
CS Standards



CS Funding



Certification



Preservice



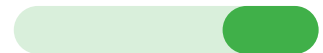
State CS Position



Require HS to Offer



Can Count



Admissions



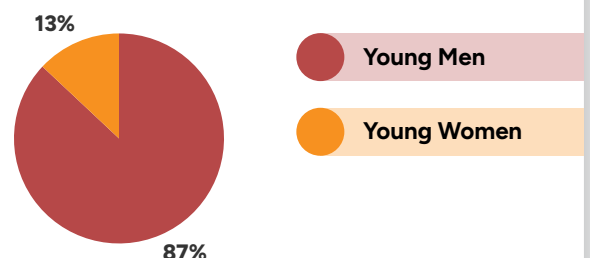
Graduation Requirement



Participation in Foundational High School Computer Science

South Dakota does not collect enrollment data for all foundational computer science courses. We used 2024 AP exam data from the College Board for participation statistics. Visit code.org/ap for all more data. We encourage the state to begin collecting data on all computer science courses.

Participation by Gender in AP CS Exams





Introducing Policies to Make AI Foundational

AI + CS Standards



AI + CS Graduation Requirement



AI + CS Professional Development Funding



AI + CS Guidance for Schools

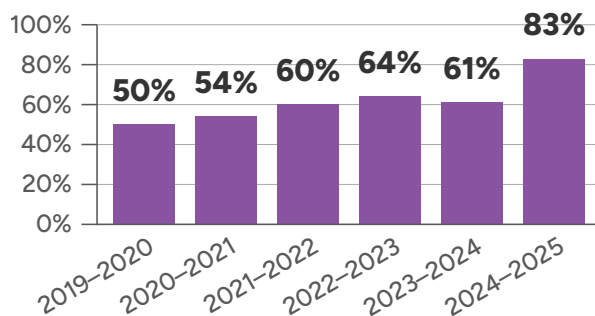


The Tennessee Department of Education is in the process of revising its computer science standards to emphasize AI. Senate Bill 1711 requires all public school districts to create AI policies.

Tennessee can expand its commitment to AI + CS education by incorporating AI into its computer science graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

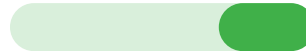
Based on the most recent data reported in 2024-2025.

72% of small schools are offering computer science compared with 95% of larger schools.

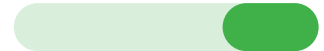
76% of urban schools are offering computer science compared with 91% of suburban schools.

Ten Policies to Make Computer Science Foundational

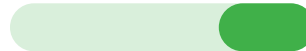
State Plan



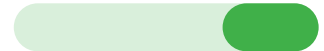
CS Standards



CS Funding



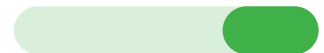
Certification



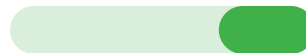
Preservice



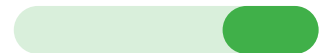
State CS Position



Require HS to Offer



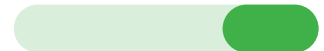
Can Count



Admissions



Graduation Requirement



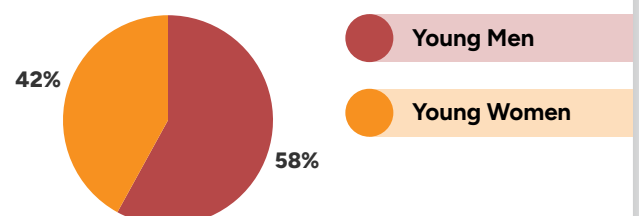
Participation in Foundational High School Computer Science

13% of high school students took computer science in the 2024-2025 school year.

Closing Participation Gaps

Except for the underrepresentation of young women, Tennessee has closed nearly all gaps in high school participation. We applaud Tennessee's effort and encourage the state to continue supporting implementation of their graduation requirement.

Participation by Gender in 2024-2025





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



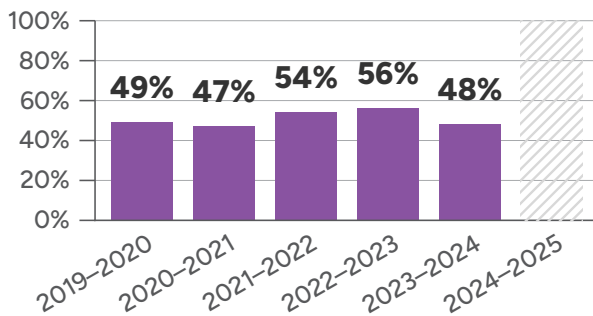
AI + CS Guidance
for Schools



Texas can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year*



*Previously reported percentages were inaccurate and we have worked closely with the state with this to correct the data

Closing Access Gaps

Based on the most recent data reported in 2023-2024.

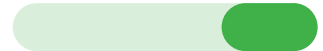
Small high schools (under 500 students) are 2.5x less likely to offer computer science than larger schools.
40% of rural schools are offering computer science compared with 68% of suburban schools.

Ten Policies to Make Computer Science Foundational

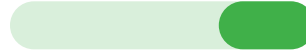
State Plan



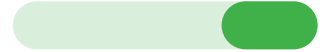
CS Standards



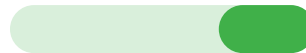
CS Funding



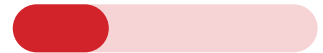
Certification



Preservice



State CS Position



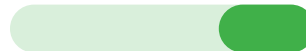
Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

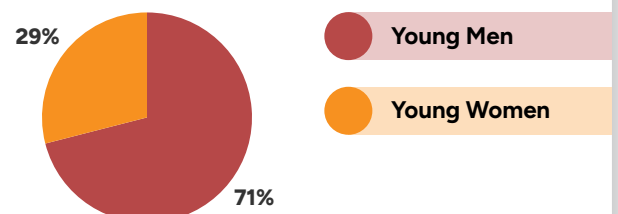
5.1% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Black students are 2x less likely and Hispanic students are 2x less likely to enroll in CS than their White and Asian peers.

Students on individualized education plans are 13% of the student body but only 7% of students in computer science.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



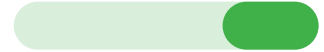
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

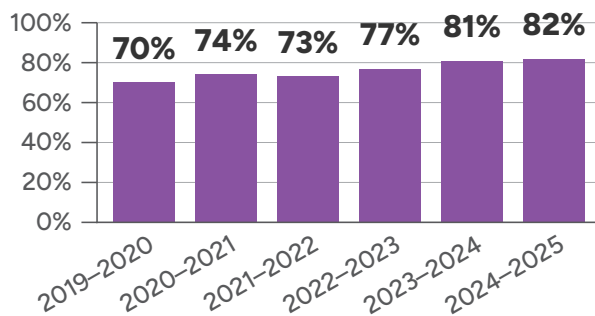


The Utah State Board of Education has an AI Education Specialist and the state AI guidance clarifies the fundamental role of computer science education for developing AI literacy.

Utah can expand its commitment to AI and CS education by integrating AI concepts into computer science standards, adopting an AI and CS graduation requirement, and providing dedicated AI + CS professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



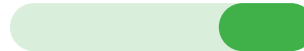
Closing Access Gaps

Based on the most recent data reported in 2024-2025.

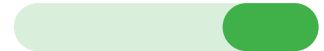
67% of small schools are offering computer science compared with 96% of larger schools.

Ten Policies to Make Computer Science Foundational

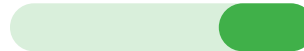
State Plan



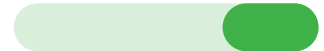
CS Standards



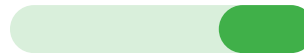
CS Funding



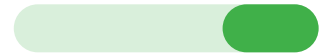
Certification



Preservice



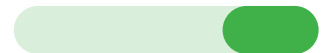
State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



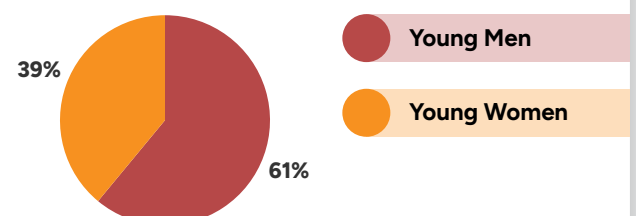
Participation in Foundational High School Computer Science by Senior Class

54% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Except for the underrepresentation of young women, Utah has closed nearly all gaps in high school participation. We applaud Utah and encourage the state to continue working to ensure all students take computer science.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



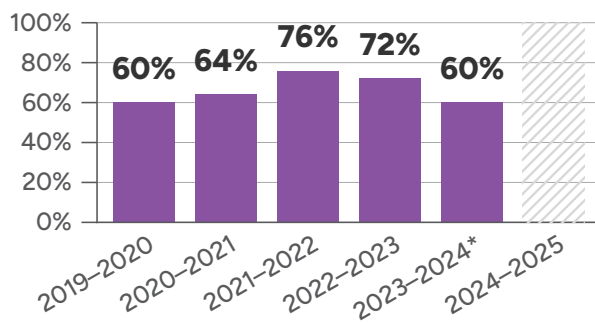
AI + CS Guidance
for Schools



The Vermont Agency of Education has computer science courses that integrate AI concepts. Vermont can further promote AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, providing dedicated professional development funding, and creating AI guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



*This drop in participation represents 8 schools that stopped teaching CS

Closing Access Gaps

Based on the most recent data reported in 2023-2024.

53% of small schools are offering computer science compared with 84% of larger schools.

Ten Policies to Make Computer Science Foundational

State Plan



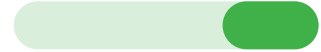
CS Standards



CS Funding



Certification



Preservice



State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

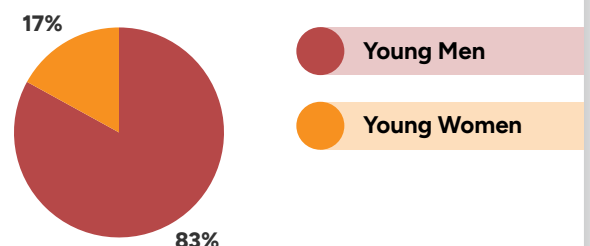
3.1% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Students on individualized education plans are 18% of the student body but only 14% of students in computer science.

We do not have enough data on Black or Hispanic students to determine representation.

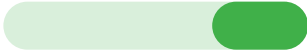
Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

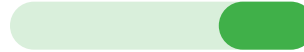
AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

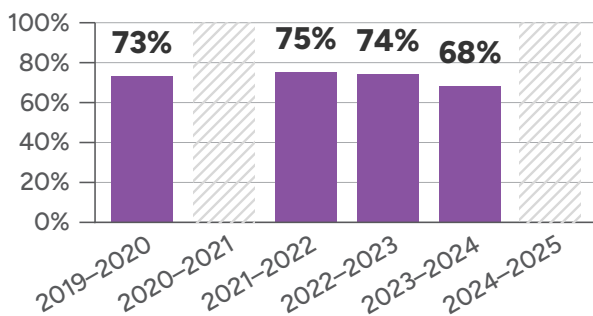


The Virginia Department of Education emphasizes AI concepts in the state's elementary, middle, and high school computer science standards and the state has provided funding to support the design and delivery of a comprehensive AI literacy training program for up to 85,000 K–12 educators.

Virginia can expand its commitment to AI + CS education by adopting an AI + CS graduation requirement and providing guidance that clarifies the fundamental role of computer science education in developing AI literacy.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2023–2024.

Small high schools (under 500 students) are 2.3x less likely to offer computer science than larger schools.

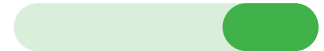
56% of rural schools are offering computer science compared with 87% of suburban schools.

Ten Policies to Make Computer Science Foundational

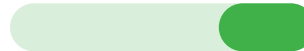
State Plan



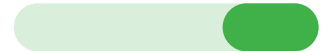
CS Standards



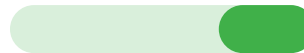
CS Funding



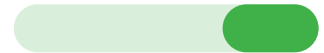
Certification



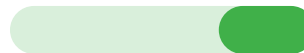
Preservice



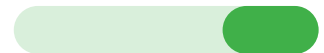
State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

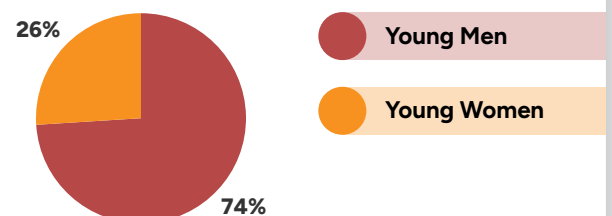
4.9% of high school students took computer science in the 2022–2023 school year.

Closing Participation Gaps

Black students are 2x less likely and Hispanic students 2.3x less likely to enroll in CS than their White and Asian peers.

Students receiving free or reduced lunch are 55% of the student body but represent only 25% of students in computer science.

Participation by Gender in 2023–2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

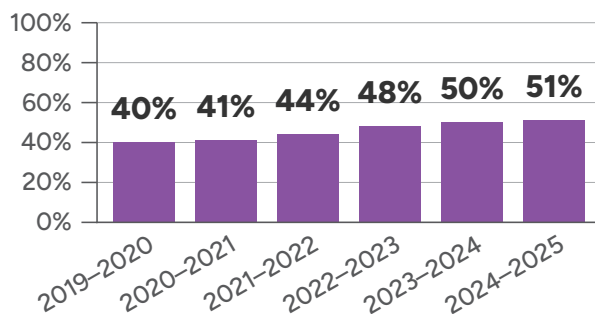


The Washington State Board of Education has computer science courses that integrate AI concepts, but the state's AI guidance does not yet clarify the fundamental role of computer science education in developing AI literacy.

Washington can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



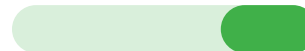
Closing Access Gaps

Based on the most recent data reported in 2024-2025.

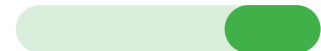
Small high schools (under 500 students) are 2.5x less likely to offer computer science than larger schools.

Ten Policies to Make Computer Science Foundational

State Plan



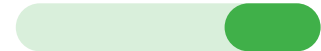
CS Standards



CS Funding



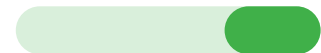
Certification



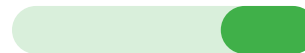
Preservice



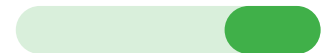
State CS Position



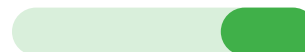
Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science by Senior Class

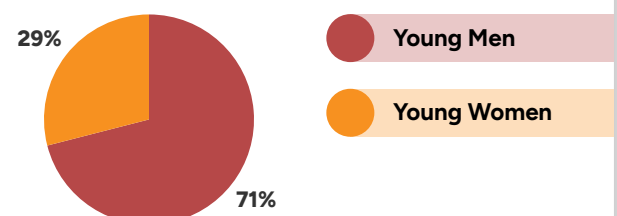
17% of students in the graduating senior class of 2024 took at least one high school computer science class.

Closing Participation Gaps

Hispanic students are 1.4x less likely to enroll in computer science than their White and Asian peers.

Students on individualized education plans are 10% of the student body but only 8% of students in computer science.

Participation by Gender in Senior Class of 2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



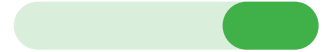
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

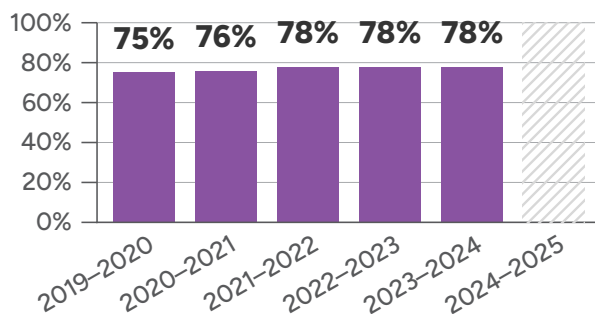


The West Virginia Department of Education AI guidance emphasizes the fundamental role of computer science education in developing AI literacy. The state plans to include a computer science course that includes AI as an option to fulfill its new computer science graduation requirement. The department further advances this work through a dedicated Computer Science and AI Coordinator.

West Virginia can expand its commitment to AI + CS education by emphasizing AI in computer science standards, including AI in its CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



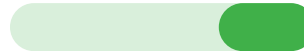
Closing Access Gaps

Based on the most recent data reported in 2023-2024.

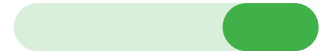
59% of small schools are offering computer science compared with 90% of larger schools.

Ten Policies to Make Computer Science Foundational

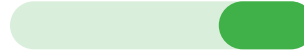
State Plan



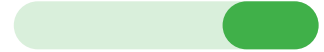
CS Standards



CS Funding



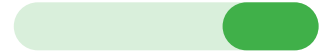
Certification



Preservice



State CS Position



Require HS to Offer



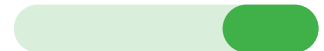
Can Count



Admissions



Graduation Requirement



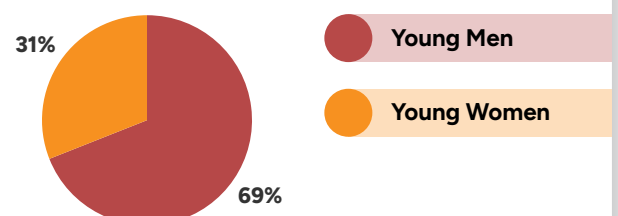
Participation in Foundational High School Computer Science

2.7% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Black students are 2.2x less likely and Hispanic students are 1.6x less likely to enroll in CS than their White and Asian peers.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



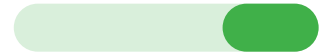
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



AI + CS Guidance
for Schools

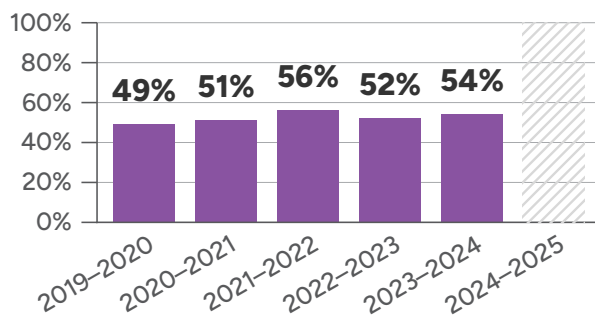


The Wisconsin Department of Public Instruction released a draft of updated computer science standards that include AI for public comment in September 2025. The Department plans to finalize the standards by the end of the year. The state's AI guidance clarifies that AI should be taught across and combined with other disciplines, including computer science.

Wisconsin can expand its commitment to AI + CS education by adopting an AI + CS graduation requirement and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



Closing Access Gaps

Based on the most recent data reported in 2023-2024.

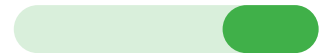
Small high schools (under 500 students) are 2x less likely to offer computer science than larger schools. 47% of rural schools are offering computer science compared with 68% of suburban schools.

Ten Policies to Make Computer Science Foundational

State Plan



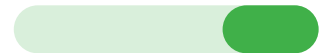
CS Standards



CS Funding



Certification



Preservice



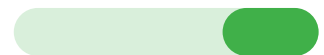
State CS Position



Require HS to Offer



Can Count



Admissions



Graduation Requirement



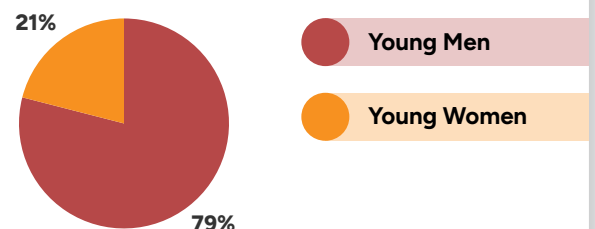
Participation in Foundational High School Computer Science

3.2% of high school students took computer science in the 2023-2024 school year.

Closing Participation Gaps

Black students 1.4x less likely and Hispanic students are 1.5x less likely to enroll in CS than their White and Asian peers.

Participation by Gender in 2023-2024





Introducing Policies to Make AI Foundational

AI + CS
Standards



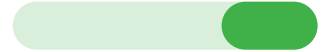
AI + CS
Graduation Requirement



AI + CS Professional
Development Funding



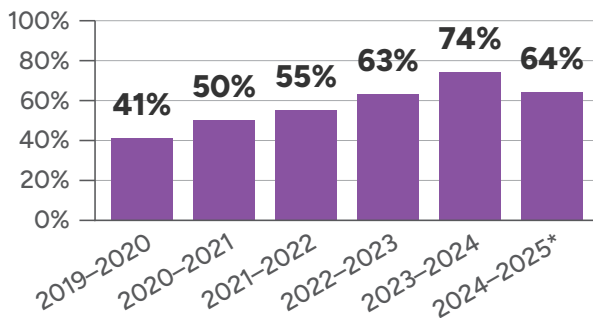
AI + CS Guidance
for Schools



The Wyoming Department of Education AI guidance clarifies that AI literacy encompasses elements of computer science, and the state has computer science course descriptions that include AI concepts. Wyoming can expand its commitment to AI + CS education by emphasizing AI in computer science standards, adopting an AI + CS graduation requirement, and providing dedicated professional development funding.

Percentage of Public High Schools Offering Foundational Computer Science

Access by School Year



*This drop in participation represents 11 schools that stopped teaching CS

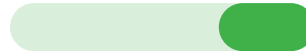
Closing Access Gaps

Based on the most recent data reported in 2023-2024.

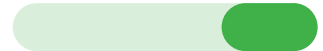
58% of small schools are offering computer science compared with 95% of larger schools.

Ten Policies to Make Computer Science Foundational

State Plan



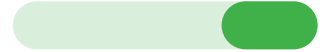
CS Standards



CS Funding



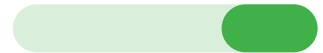
Certification



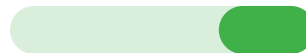
Preservice



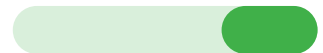
State CS Position



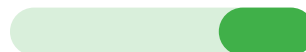
Require HS to Offer



Can Count



Admissions



Graduation Requirement



Participation in Foundational High School Computer Science

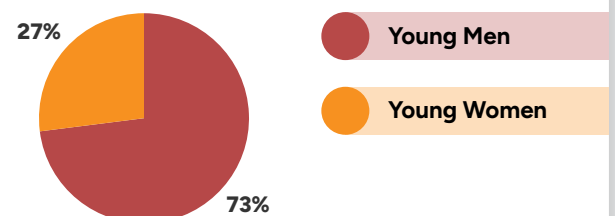
6.7% of high school students took computer science in the 2024-2025 school year.

Closing Participation Gaps

Hispanic students are 1.4x less likely and Native American students are 1.6x less likely to enroll in computer science than their White and Asian peers.

Students on individualized education plans are 18% of the student body but only 9% of students in computer science.

Participation by Gender in 2024-2025



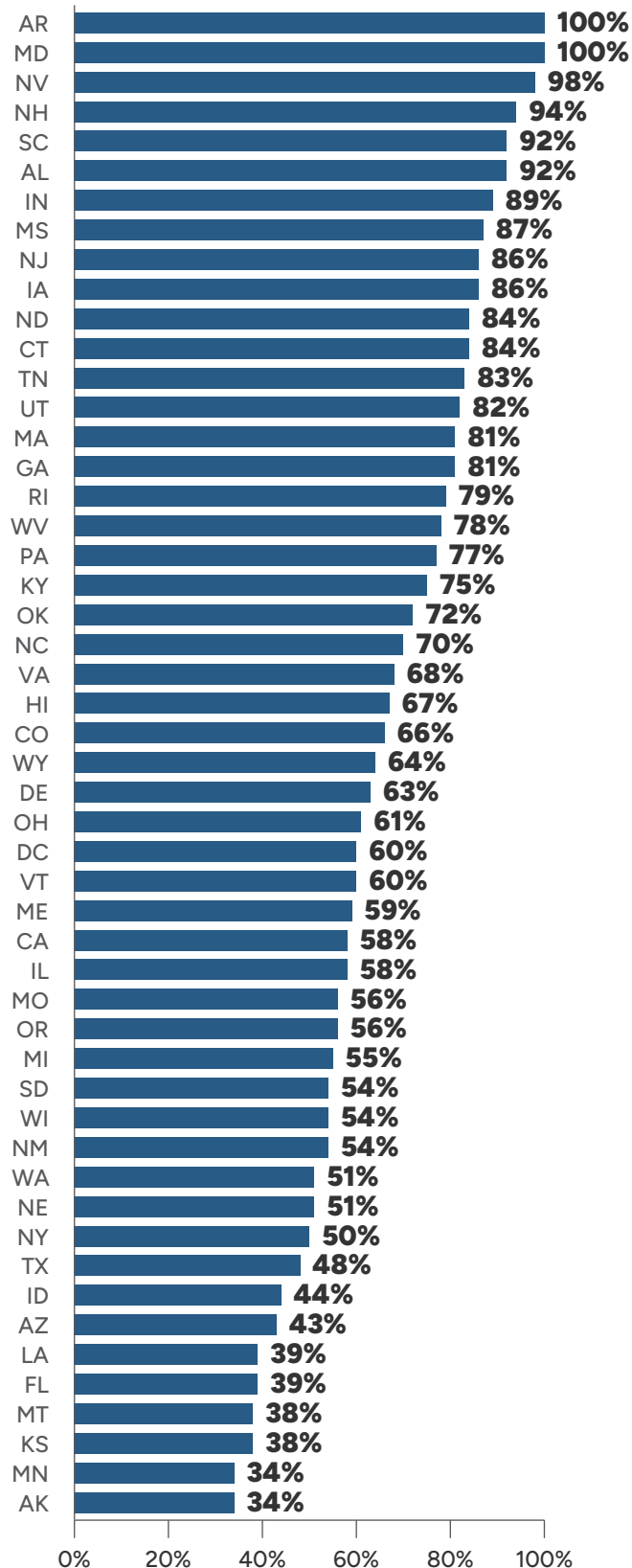
PERCENTAGE OF HS ACCESS

Learn more at
advocacy.code.org

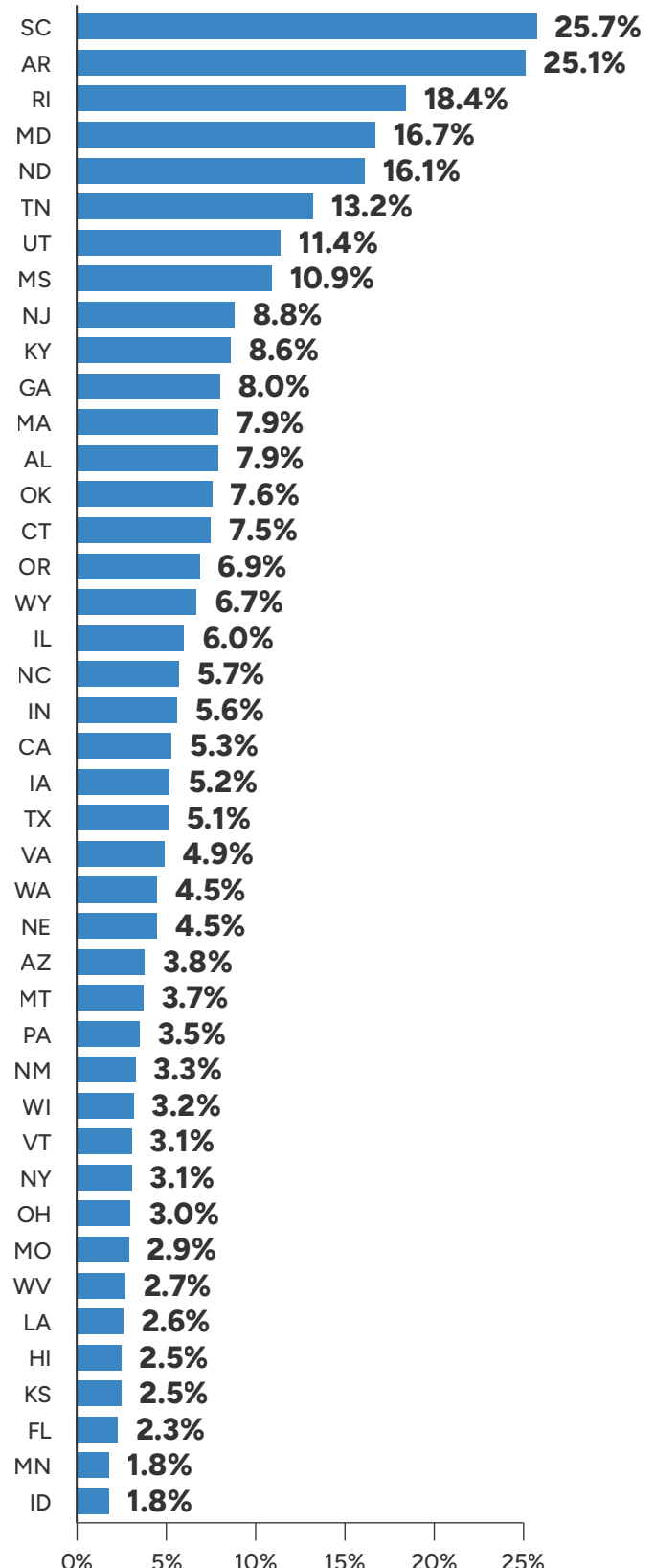


States Ranked by Their Percentage of High School Access and Participation

60% – National Percentage Offering

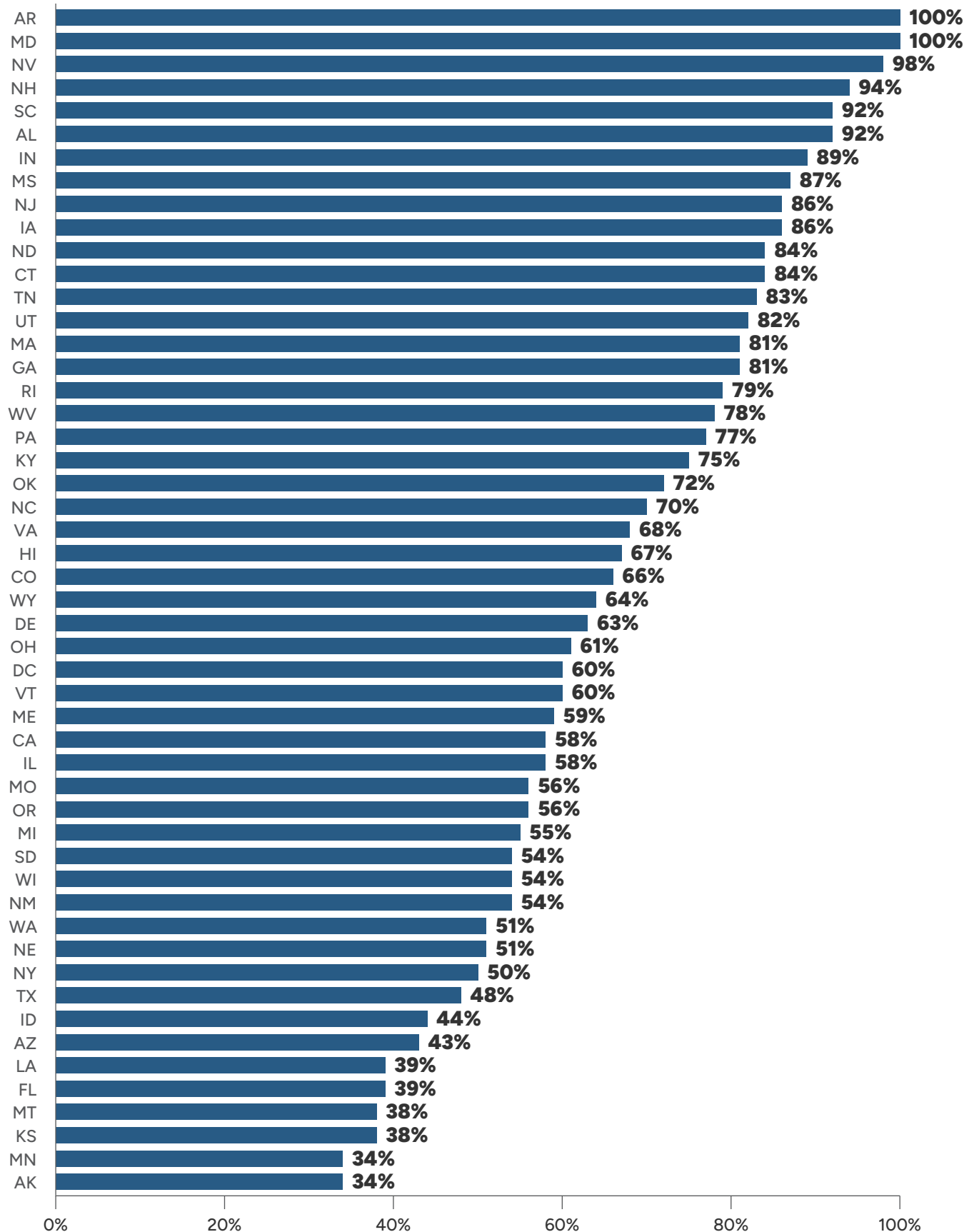


6.1% – National Percentage Enrollment*



*School year data was used rather than graduation cohort data for: AL, AR, CT, HI, IN, KY, LA, MD, NE, NJ, RI, UT, WA

60% – National Percentage Offering



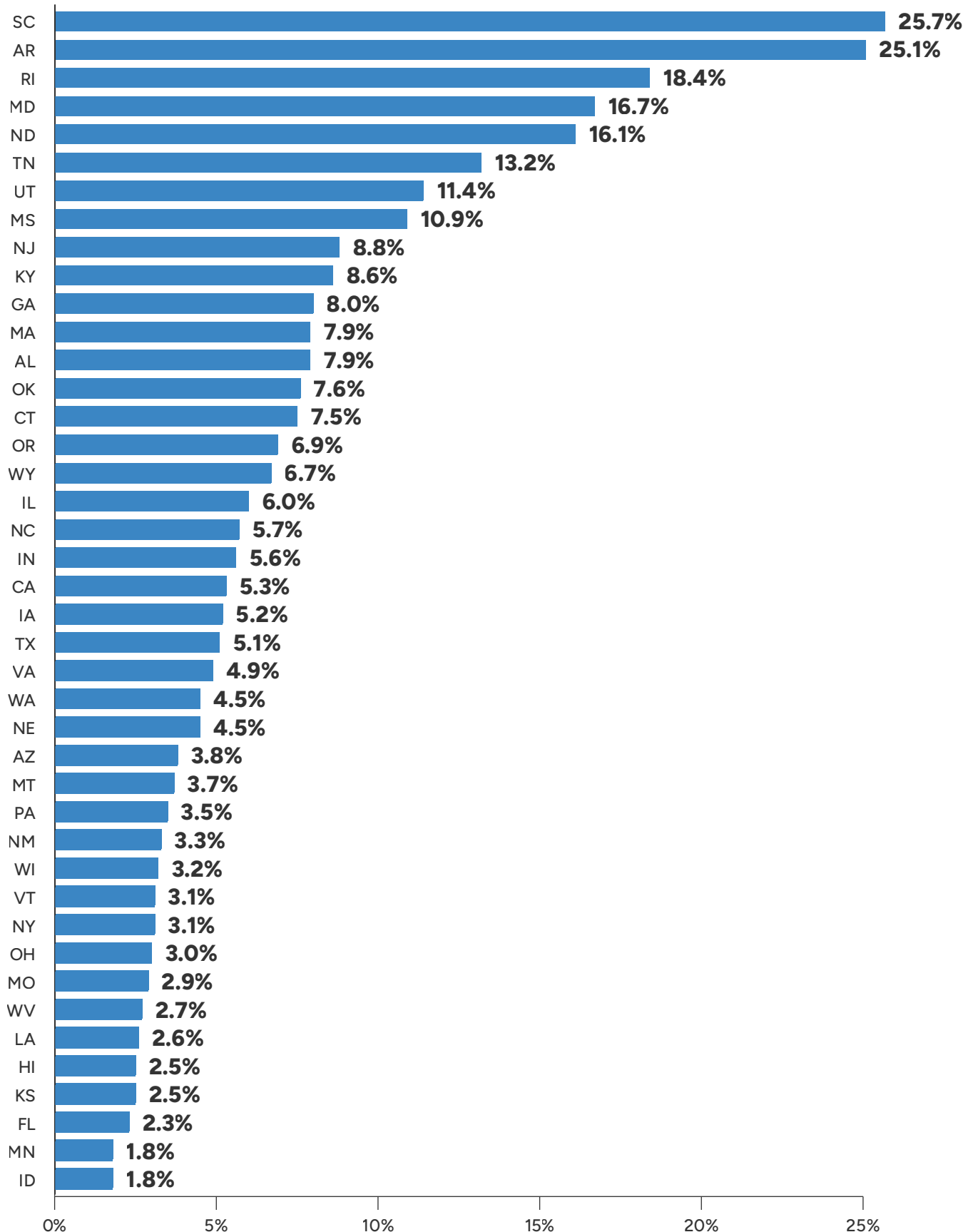
*School year data was used rather than graduation cohort data for: AL, AR, CT, HI, IN, KY, LA, MD, NE, NJ, RI, UT, WA

PERCENTAGE OF HS PARTICIPATION

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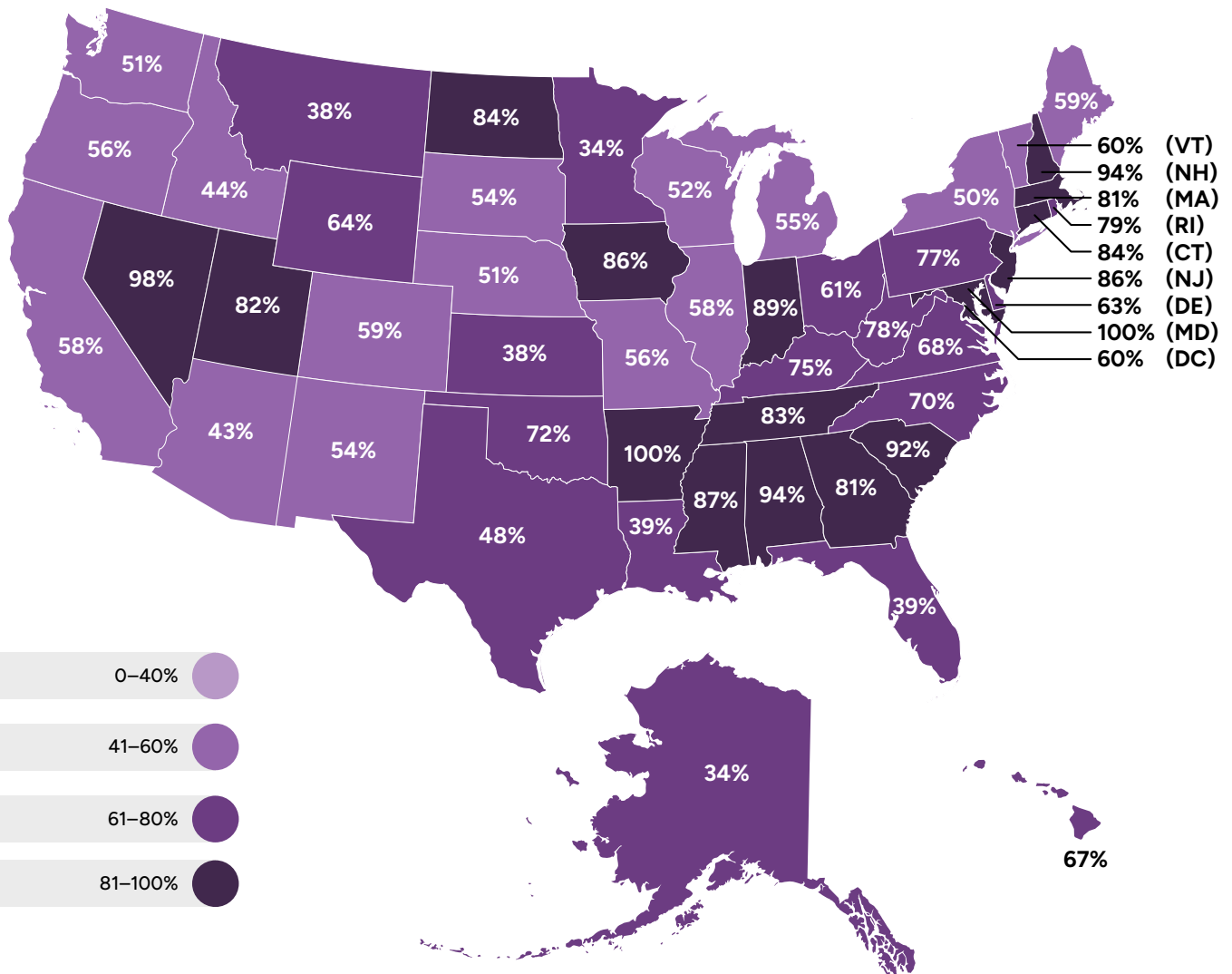
6.1% – National Percentage Enrollment*



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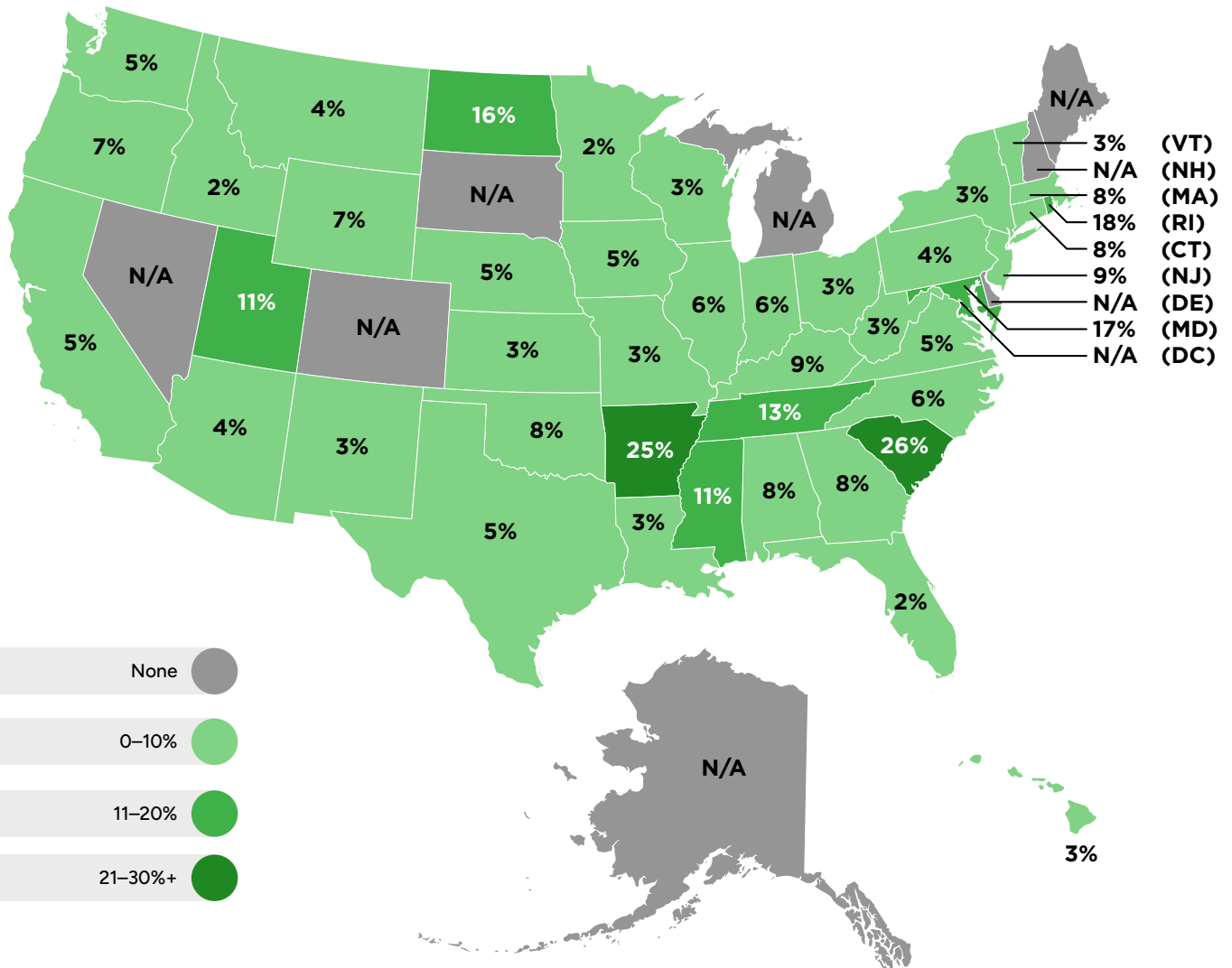
NATIONAL ACCESS

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NATIONAL PARTICIPATION

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Thank You for Helping to Build a Movement

At Code.org, we know that lasting impact comes from classrooms and the leaders that support them. That's why we work hand-in-hand with policymakers, education leaders, and global organizations to ensure AI+CS education is not optional — but part of every student's K–12 journey.

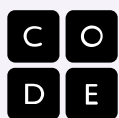
Thank You to Our Funders



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Thank You



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