



STATE OF ALABAMA
DEPARTMENT OF EDUCATION



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State Superintendent of Education

Alabama
State Board
of Education

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Governor Kay Ivey
President

**2023 STATE OF COMPUTER SCIENCE NATIONAL REPORT
HIGHLIGHTS ALABAMA'S ACHIEVEMENTS**

*New Report Provides an Updated Analysis of State Progress, National Progress in
Expanding Access to Computer Science Education*

Jackie Zeigler
District I

Montgomery, Ala. – Earlier this month, [Code.org](https://code.org), the [Computer Science Teachers Association](https://www.computer-science-teachers.org), and the [Expanding Computing Education Pathways Alliance](https://www.expandingcomputingeducation.org) released the [2023 State of Computer Science Education](https://www.alsde.edu/2023-state-of-computer-science-education) national report.

Tracie West
District II
Vice President

Published annually, this report provides the most comprehensive analysis of national progress in computer science education, featuring national and state-level policy and implementation data with a focus on equity and diversity.

Stephanie Bell
District III

Alabama continues to advance its K-12 computer science education initiatives. There is now genuine appreciation statewide for the local teachers, students, parents, computer science advocates, and lawmakers who are actively contributing to this initiative's success.

Yvette M. Richardson, Ed.D.
District IV

"We have made great strides in advancing computer science education in our classrooms and celebrate our exceptional growth in these programs," said State Superintendent of Education, Dr. Eric Mackey. "Our local teachers and school system administrators have worked tirelessly to ensure every Alabama K-12 student has opportunities to explore Computer Science Education and key technology careers. Our students are also being equipped with the essential skills required for global STEM fields. We are proud of our progress but remain focused on developing even greater learning resources for our students to utilize in preparing for their exciting future careers and postsecondary opportunities."

Tonya S. Chestnut, Ed.D.
District V
President Pro Tem

How is Alabama Advancing Computer Science Education?

Marie Manning
District VI

Alabama now requires all high schools, middle schools, and elementary schools to offer computer science. Alabama has a robust data collection and reporting system, which is directly connected to ensuring all high schools offer computer science education.

Belinda McRae
District VII

Key national findings in this year's annual report include:

Wayne Reynolds, Ed.D.
District VIII

- Research indicates 2023 is the year of the largest growth in the overall percentage of high schools offering computer science since 2018, with 57.5 percent of U.S. public high schools offering foundational computer science (up from 53 percent last year.)

–more–

Eric G. Mackey, Ed.D.
Secretary and
Executive Officer

REPORT HIGHLIGHTS ALABAMA'S ACHIEVEMENTS

- Across 35 U.S. states, 5.8 percent of high school students are currently enrolled in foundational computer science.
- States that *have adopted at least seven policies* from the Code.org initiative have nearly 73 percent of their high schools now offering foundational computer science, compared with just 50 percent in states that have adopted fewer of these policies.

We are also excited to announce *95 percent of public high schools in Alabama offered a foundational computer science course in 2022-2023*, compared to 85 percent the previous year. Additionally, approximately 39 percent of all Alabama students enrolled in computer science education were female students.

Here is additional information on our state's accomplishments in computer science education - <https://advocacy.code.org/state-handouts/Alabama.pdf>

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