



STATE OF ALABAMA
DEPARTMENT OF EDUCATION



Eric G. Mackey, Ed.D.
State Superintendent of Education

September 1, 2022

MEMORANDUM

TO: City and County Superintendents of Education

FROM: Eric G. Mackey *EGM*
State Superintendent of Education

RE: 2022 Alabama Computer Science Expansion Report

Thank you for your continued efforts to implement the *Computer Science for Alabama Act* (Act 2019-389). As part of this act, local education agencies must submit a Computer Science (CS) Expansion Report each year by September 30. The secondary school report includes three (3) parts for school districts, district information, individual school information, and rationale if a computer science course is offered through a virtual or distance learning option. The elementary school, which is a new reporting requirement for this year, includes school-level data and the school's computer science implementation plan. Please read each section for a detailed explanation of the requested data that will need to be entered into the report.

Computer Science Expansion Data Report 2022-Secondary: District Information

Information in this section will include data for the entire district. You will need to enter the number and list the names of middle and high schools with high-quality computer science courses during the 2022-2023 school year and the format in which the course is offered.

Computer Science Expansion Data Report 2022-Secondary: School Information

Information reported in this section should be completed for middle and high schools with computer science courses during the 2022-2023 school year. Data reporting includes the number of students enrolled in each computer science course, number of teachers that participated in high-quality professional learning in 2022, number students who scored three (3) or higher on AP Computer Science Exams in 2021-2022, and number of students that earned dual enrollment credit in 2021-2022.

Rationale For Distance Learning Option

This shall be submitted for each school where students were only offered a CS course through distance learning course option. Submission must include a rationale for using the distance learning option and an assurance that the school shall continue to work towards in-person course options where students are taught by a trained teacher. You can either submit a link to a cloud-based document or email it to cs4alabama@alsde.edu with "District Name + Distance Learning Rationale" in the subject line.

Computer Science Expansion Data Report 2022-Elementary: School Information

Information reported in this section should be completed for elementary schools where teachers participated in CS professional learning in 2022, school has adopted a curriculum, and/or a where a plan for CS implementation has been developed.

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City and County Superintendents of Education
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Attached you will find a worksheet for all data to be collected. All information should be submitted by **September 30, 2022**, to the online forms. The secondary form is available at <https://bit.ly/22ALCSEExpansionReport>. The Elementary form is available at <https://bit.ly/22ElemALCSEExpansionReport>. If you have any questions regarding the 2022 Computer Science Expansion Report, contact Ms. Dawn Morrison at dmorrison@alsde.edu.

In accordance with Act 2019-389, all school data information will be published online by December 1, 2022. You may view the 2021-2022 Alabama Computer Science Expansion Report at <https://bit.ly/ALCSEExpansionReport>.

EGM/ACD/CF

Attachment

cc: Career and Technical Education Directors
Curriculum and Instruction Coordinators
Mrs. Angela Martin
Dr. Jimmy Hull
Dr. Elisabeth Davis
Ms. Dawn Morrison
Mrs. Jessica Sanders
Ms. Amanda Dykes

FY22-2099



Computer Science Expansion Data Report 2022
District Information

In accordance with Act 2019-389, schools shall annually submit the following to the Alabama State Department of Education no later than September 30 each year.

School District _____

District Superintendent _____

Number of **middle and high schools** with high-quality computer science courses during the **2022-2023** school year through each of the following:

	In-Person
	Distance Learning (ACCESS)
	Dual Enrollment
	Standalone Career Tech Center

Complete a list of middle and high schools that offer high-quality computer science during the 2022-2023 school year:

Printed name and title of person completing this form: _____



Computer Science Expansion Data Report 2022

School Information

In accordance with Act 2019-389, schools shall annually submit the following to the Alabama State Department of Education no later than September 30 each year.

Complete pages 2 and 3 for each **middle and/or high school** with computer science courses during the 2022-2023 school year. Data reporting includes: the number of students enrolled in each computer science course; the number of teachers that participated in high-quality professional learning in 2022; the number of students who scored three (3) or higher on AP Computer Science Exams in 2021-2022; and the number of students that earned dual enrollment credit in 2021-2022.

2022-2023 School Information:			
School		Grade Levels in the School	
School Principal		School Phone Number	

2022-2023 Course Information:

Provide student enrollment numbers for each of the Computer Science (CS) courses for the **2022-2023** school year.

High School Courses									
Computer Science SL, IB	Computer Science HL, IB	Computer Science, A, AP In-Person	Computer Science, A, AP ACCESS¹	Computer Science Principles, AP	Exploring Computer Science	Computer Science Essentials PLTW	Intro to Computer Science TEALS	Cybersecurity PLTW	Introduction to Digital Literacy and Computer Science - ACCESS¹
10159E10SL	10159E10HL	10157E1000	10157E1000	10019E1000	10012G1001	10013G1000	10012G1002	10016G1000	10011G1000

Middle School Courses						
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Computer Science Discoveries In-Person	Computer Science Discoveries ACCESS¹	Computer Science Endeavors	Computer Science and Society	CS Makers	App Creators PLTW	Computer Science for Innovators & Makers PLTW
10012G0608	10012G0608	10012G0606	10012G0808	10013G0808	10099G6800	10099G6801

2022-2023 Teacher Information:

Approved professional development providers include: A+ College Ready, PACS, College Board, ECS4Alabama, CS Makers, PLTW, TEALS, and IB.

	The number of teachers teaching a high-quality computer science course (See course list above).
	The number of middle and/or high school teachers that began implementing CS as a result of attending a high-quality CS professional learning activity by a state-approved provider during the summer of 2022. (Teachers teaching CS for the first time.)
	The number of teachers attending a high-quality CS professional learning activity by a state-approved provider during the summer of 2022 who were already teaching high-quality CS courses at the middle or high school level. (Teachers who previously taught CS but received formal training for a CS course during the summer of 2022.)

2022-2023 Student Information:

	The number of students enrolled in high-quality CS courses taught by a teacher trained in a high-quality professional activity by a state-approved provider.
	The number of students enrolled in a high-quality CS course through a standalone career tech center.
	The number of students enrolled in a high-quality CS course through dual enrollment.
	The number of students enrolled in a high-quality CS course through a virtual or distance learning course option. ¹

¹ For any students offered a high-quality CS course through virtual or distance learning course option, submission to ALSDE must include an assurance that these settings shall continue to work towards in-person course options where students are taught by a trained teacher and a rationale for using the virtual or DL option.



Computer Science Expansion Data Report 2022

School Information - Continued

In accordance with Act 2019-389, schools shall annually submit the following to the Alabama State Department of Education no later than September 30 each year.

School _____

2021-2022 AP Exam Information:

The number of students with a score of three (3) or above on AP exams for high school AP CS courses.

Aggregate data by gender, racial, socioeconomic diversity of students with a score of three or above on AP exams for high school AP CS courses.

Male	Female	American Indian/ Alaska Native	Asian	Black	Native Hawaiian/ Pacific Islander	White	Hispanic/ Latino	2 or More Races	Free/ Reduced Lunch

2021-2022 Dual Enrollment Information:

Link to 2021-2022 Computer Science Dual Enrollment Equivalency Course List: https://bit.ly/AL_CS_dual_enroll

The number of students who earned postsecondary graduate credit in a CS course through dual enrollment.

Aggregate data by gender, racial, socioeconomic diversity of students who earned postsecondary graduate credit for completing a CS dual enrollment course provided by an institution of higher education physically located in the state while that student is enrolled in high school.

Male	Female	American Indian/ Alaska Native	Asian	Black	Native Hawaiian/ Pacific Islander	White	Hispanic/ Latino	2 or More Races	Free/ Reduced Lunch