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

September 9, 2020

M E M O R A N D U M

TO: City and County Superintendents of Education

FROM: Eric G. Mackey
           State Superintendent of Education

RE: Computer Science (CS) Expansion Data Report

Thank you for your continued efforts to implement the Computer Science for Alabama (CS4AL) [Act 2019-389]. As part of Act 2019-389, local education agencies must submit a Computer Science Expansion Data Report each year by September 30. The report includes three (3) parts: district information, individual school information, and rationale if the computer science course is offered through a virtual or distance learning option.

Computer Science Expansion Data Report 2020: District Information
Information in this section will include data for the entire district. You will need to enter information for the following:
- The number of schools that are offering high-quality computer science courses during the 2020-2021 school year and the format in which the course is offered.
- A list of middle and high schools that offered high-quality computer science during the 2020-2021 school year.

Computer Science Expansion Data Report 2020: School Information
Information reported in this section should be completed for middle and high schools offering computer science courses during the 2020-2021 school year and/or middle and high schools where a teacher participated in high-quality professional learning in 2020. You will need to include aggregated information from the 2019- 2020 AP CS exams. The information for the following will need to be entered:
- The enrollment of each in-person CS courses offered for the 2020-2021 school year.
- The number of teachers teaching a CS course.
- The number of teachers teaching CS that received high-quality professional learning during the summer of 2020.
- The number of students that are enrolled in a CS course taught by a teacher trained through high-quality professional learning.
- The number of students enrolled in CS through distance learning, dual enrollment, and standalone career and technical education centers.
- Number of students who scored three (3) or higher on 2019-2020 AP CS exams.
- Aggregated data of students that scored three (3) or higher on 2019-2020 AP CS exams.
- Aggregated data of students who earned postsecondary graduate credit for completing a dual enrollment course.

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 an assurance that the school shall continue to work towards in-person course options where students are taught by a trained teacher and a rationale for using the distance learning option.

Attached you will find a worksheet for all data to be collected. All information should be submitted by **September 30, 2020**, to the online form at http://bit.ly/CSExpansionData20. If you have any questions regarding the 2020 Computer Science Expansion Report, please contact Ms. Dawn Morrison by email at dmorrison@alsde.edu.

In accordance with Act 2019-389, all school data information will be published to the Alabama State Department of Education website by December 1, 2020.

EGM/ACD/RH

Attachment

cc: City and County Curriculum Coordinators
      City and County Career and Technical Education Directors
      Dr. Daniel Boyd
      Dr. Jimmy Hull
      Dr. Elisabeth Davis
      Ms. Dawn Morrison
      Ms. Jessica Sanders
      Ms. Amanda Dykes

FY20-2153

Computer Science Expansion Data Report 2020
District Information

School District _____

As provided in Act 2019-389, schools shall annually submit the following to the Alabama State Department of Education (ALSDE) no later than September 30 each year.

	Number of schools offering high-quality computer science during the **2020-2021** school year:
	Offered in person
	Offered through a distance learning option
	Offered through dual enrollment
	Offered through a standalone Career and Technical Education Center

Complete list of middle and high schools that offer high-quality computer science during the 2020-2021 school year:

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Printed Name and Title_____

Signature_____ Date _____

Computer Science Expansion Data Report 2020
School Information

School

As provided in Act 2019-389, schools shall annually submit the following to the Alabama State Department of Education (ALSDE) no later than September 30 each year.

2020-2021 Course Information:

Provide enrollment for each **in-person** Computer Science (CS) courses that are being offered for the **2020-2021** school year.

Computer Science SL, IB 220098	Computer Science HL, IB 220099	Computer Science, A, AP 520007	Computer Science Principles, AP 520018	Exploring Computer Science 520043	Computer Science Essentials PLTW 520046	Intro to Computer Science TEALS 520050	Cyber Security PLTW 520051	Computer Science Discover 520045	CS Makers 520052	App Creators 560029	Computer Science for Innovators & Makers PLTW 560032

2020-2021 Student and Teacher Information:

	The number of teachers that are teaching a high-quality computer science course.
	The number of teachers that began implementing CS as a result of attending a high-quality CS professional learning activity during the summer of 2020.
	The number of teachers attending a high-quality CS professional learning activity during the summer of 2020 who were already teaching high-quality CS courses at the middle or high school level. (Teachers who previously taught CS but received formal training during summer of 2020.)
	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. (Approved providers include A+ College Ready, College Board, ECS4Alabama, PLTW, TEALS, and IB.)
	The number of students offered a CS course through a standalone career and technical education center.
	The number of students offered a CS course through dual enrollment.
	The number of students offered a CS course through a virtual or distance learning (DL) course option.[1]

2019-2020 AP Exam and Dual Enrollment Information:

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

The aggregate data by gender, racial, and 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	Two or More Races	Free/ Reduced Lunch

The aggregate data by gender, racial, and socioeconomic diversity of students who earned postsecondary graduate credit for completing a 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	Two or More Races	Free/ Reduced Lunch

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[1] For any students offered a 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.