



**Improving Equity in Advanced Placement Computer Science Principles**  
Abt Associates Research Agreement  
Santa Rosa City Schools, CA

**EVALUATION PURPOSE**

The purpose of the evaluation is to investigate the effects of the School CS Equity Program on students' enrollment in and completion of an AP CSP course, as well as taking and passing the AP CSP exam, and the supports needed to improve instruction. It is a multi-site study with 80 schools across the country.

**EVALUATION ACTIVITIES**

As the evaluator, Abt will request student records data as well as school-level administrative data from the district. Students will be those in participating and non-participating schools enrolled in AP CSP during the 2023–24 and 2024–25 school years. Requests will be made annually, and the data received will only be used for the purposes of the study.

Abt will request the following student records data from the district (this list may be revised in collaboration with the district, based on the data available at the time of the requests):

- *Demographics.* Grade level, gender, race/ethnicity, low-income status, attendance rate.
- *Course data.* Name of student's AP CSP teacher, AP CSP course section number, AP CSP course enrollment and exit dates, number of days enrolled course, AP CSP course grades, indicator of AP CSP course credit, course grades and indicator of course credit for all courses taken in the year prior to the AP CSP course (i.e., 2022–23 or 2023–24).
- *Achievement data.* Math and ELA state test scaled scores including administration date, AP CSP exam score.

Abt will also request school-level data for 2023–24 and 2024–25, as well as for 2020–21, 2021–22, and 2022–23 (the three years pre-program), including:

- *Demographics.* Enrollment, % Black, % Hispanic, % economically disadvantaged or low-income.
- *AP CSP data.* Enrollment, number of students who took and passed the AP CSP exam.
- *Achievement data.* Math and ELA assessment % proficient and average scaled score.

**DATA SECURITY PROCEDURES**

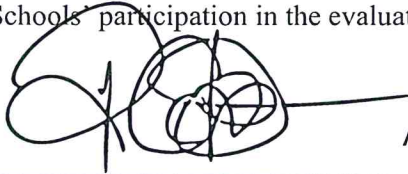
Abt will follow the data security procedures described below.

- *Confidentiality.* All administrative data files will be kept completely confidential. Only Abt staff authorized for this study will be given access to the data files.
- *Data transfer.* All administrative data files will be shared in electronic format with Abt through a secure web portal (either Abt's secure file transfer [FT] site or the district's own secure portal). Abt's secure FT site is a secure, web-based file exchange system.

Data will reside on Abt's secure FT site or the district's portal for the minimal period necessary to accomplish transfer. Data will never be shared via email.

- *Data storage.* All administrative data files received from the district will be treated with the highest level of security and stored on Abt's dedicated Data Collection and Analytic Computing Environment (DC-ACE) for the purpose of storing and analyzing sensitive information. DC-ACE is FISMA Moderate and FIPS 140-2 compliant for encryption in transit and at rest. Authentication to DC-ACE is via active directory and requires the use of multi-factor authentication, in addition to unique user names and passwords. Approval must be granted for access to this environment and its project folders, and permissions are controlled via active directory security group permissions.
- *Data destruction.* Abt will destroy all original data files and any derivative files as specified in this agreement by December 31, 2026 (the anticipated project end date). Abt will destroy any data stored on long-term storage within 13 months after the noted destruction date. Abt will comply with the current requirements in 34 CFR 99.31(a)(6) on re-disclosure and destruction of information.
- *Reporting.* All results will be reported in aggregate and will not uniquely identify any students, teachers, schools, or districts. Santa Rosa City Schools will not be named as a source of data in the study.

By signing below, I confirm that I have read the above information and agree to Santa Rosa City Schools' participation in the evaluation.



Assistant Superintendent, Ec

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District Administrator, Title, Date

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Kathleen Aguilar, Contracts Senior Manager at Abt Associates, Date