

San Mateo County 2018 CS Landscape

Preliminary Results

[Reference](#), [Survey](#)

CS growth & participation (average % positive)	SMC	CA	US
[Of those offering CS] In the last 3 years, has CS participation increased, stayed about the same, or decreased? (% increased)	64	71	56
In the next 3 years, will the number of opportunities to learn CS in your school increase, stay the same, or decrease? (% increase)	55	69	53

Demand for CS (average % positive)	SMC	CA	US
Demand for CS education among parents in your school is (%) ...High	33	11	8
Demand for CS education among students in your school is (%) ...High	33	18	5

Support for CS (average % positive)	SMC	CA	US
CS education is currently a top priority for my school. (% agree)	24	30	25
My school board believes CS education is important to offer in our schools. (% agree)	42	45	41
The majority of teachers and counselors in my school think it is important to offer CS. (% agree)	25	44	43

Barriers: What are the barriers to delivering equitable Computer Science education at your site(s)? Select all that apply. (%)	SMC	CA	US
...There are no teachers available at my school with the necessary skills to teach computer science.	25	62	50
...There is not enough money to train or hire a teacher.	19	54	48
...We do not have the necessary computer software.	3	47	35
...We do not have sufficient budget to purchase the necessary computer equipment.	9	44	37
...We do not have sufficient budget to purchase the necessary computer software.	3	44	36
...We have to devote most of our time to other courses that are related to testing requirements and computer science is not	41	40	48
...We do not have the necessary computer equipment.	12	38	29
...There is not enough demand from parents.	0	37	35
...There is not enough demand from students.	6	32	34
...There are too many other courses that students have to take in order to prepare for college.	19	23	23
...There is not enough classroom space.	9	21	18
...Internet connectivity is poor at my school.	0	15	10
...There are no teachers available to hire with the necessary skills to teach computer science.	3	14	11

Comments

- "CS is so new still to the masses. Messaging needs to continue to happen to parents and teachers on why CS is important, what it actually means, and how to approach it in a way that is easy to integrate after fundamentals are taught."
- "The link to CTE is still a bit nebulous for us, but it is a key part of CS education that needs to be beefed up."
- "Hour of Code is big in our elementary schools, and many elementary students participate in a basic level of coding, but we do not pay for subscriptions related to coding apps/sites."
- "Need more teachers to teach CS"
- "When I leave after this year, no one will teach CS."
- "Most teachers have 0 background in this area. This is where I think most districts will be with the average classroom teacher."
- "This is all about raising awareness and reaching out to communities/cultures that might not understand or value CS education."

Responding Districts (17):

Bayshore
Belmont-Redwood Shores
Burlingame
Cabrillo Unified
Court & Community Schools
Hillsborough City
Jefferson Elementary
Las Lomas Elementary
Menlo Park City
Millbrae
Pacifica
Portola Valley
Ravenswood City
Redwood City
San Carlos
San Mateo Union High
South San Francisco Unified

Non-responding Districts (7):

Brisbane
Jefferson Union High
La Honda-Pescadero Unified
San Bruno Park
San Mateo-Foster City
Sequoia Union High
Woodside Elementary