

1. How many students attend your school?				
	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
1-100	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
101-250	0.0% (0)	0.0% (0)	9.5% (2)	2.1% (2)
251-500	21.1% (4)	1.8% (1)	4.8% (1)	6.3% (6)
501-1000	36.8% (7)	7.1% (4)	38.1% (8)	19.8% (19)
1001-2000	26.3% (5)	73.2% (41)	42.9% (9)	57.3% (55)
2001+	15.8% (3)	17.9% (10)	4.8% (1)	14.6% (14)
answered question	19	56	21	96
skipped question				1

2. What percentage of students at your school speak a language at home other than English?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
0%	5.3% (1)	3.8% (2)	14.3% (3)	6.5% (6)
1-20%	63.2% (12)	62.3% (33)	71.4% (15)	64.5% (60)
21-40%	26.3% (5)	20.8% (11)	4.8% (1)	18.3% (17)
41-60%	0.0% (0)	3.8% (2)	4.8% (1)	3.2% (3)
61-80%	0.0% (0)	7.5% (4)	0.0% (0)	4.3% (4)
81-100%	5.3% (1)	1.9% (1)	4.8% (1)	3.2% (3)
answered question	19	53	21	93
skipped question				4

3. What percentage of students at your school are African American?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
0%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
1-20%	15.8% (3)	50.9% (27)	65.0% (13)	46.7% (43)
21-40%	15.8% (3)	30.2% (16)	25.0% (5)	26.1% (24)
41-60%	21.1% (4)	9.4% (5)	10.0% (2)	12.0% (11)
61-80%	10.5% (2)	3.8% (2)	0.0% (0)	4.3% (4)
81-100%	36.8% (7)	5.7% (3)	0.0% (0)	10.9% (10)
answered question	19	53	20	92
skipped question				5

4. What percentage of students at your school are Hispanic/Latino?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
0%	5.3% (1)	0.0% (0)	10.0% (2)	3.3% (3)
1-20%	73.7% (14)	75.5% (40)	90.0% (18)	78.3% (72)
21-40%	15.8% (3)	17.0% (9)	0.0% (0)	13.0% (12)
41-60%	5.3% (1)	3.8% (2)	0.0% (0)	3.3% (3)
61-80%	0.0% (0)	1.9% (1)	0.0% (0)	1.1% (1)
81-100%	0.0% (0)	1.9% (1)	0.0% (0)	1.1% (1)
answered question	19	53	20	92
skipped question				5

5. What percentage of students qualify for free or reduced lunch?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
0%	0.0% (0)	1.9% (1)	0.0% (0)	1.1% (1)
1-20%	5.6% (1)	46.3% (25)	28.6% (6)	34.4% (32)
21-40%	33.3% (6)	27.8% (15)	33.3% (7)	30.1% (28)
41-60%	33.3% (6)	22.2% (12)	28.6% (6)	25.8% (24)
61-80%	22.2% (4)	1.9% (1)	9.5% (2)	7.5% (7)
81-100%	5.6% (1)	0.0% (0)	0.0% (0)	1.1% (1)
answered question	18	54	21	93
skipped question				4

6. In which Maryland public school district is your high school located?

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Allegany County	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Anne Arundel County	5.3% (1)	7.1% (4)	4.5% (1)	6.2% (6)
Baltimore City	36.8% (7)	0.0% (0)	0.0% (0)	7.2% (7)
Baltimore County	5.3% (1)	17.9% (10)	0.0% (0)	11.3% (11)
Calvert County	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Caroline County	0.0% (0)	0.0% (0)	4.5% (1)	1.0% (1)
Carroll County	0.0% (0)	3.6% (2)	4.5% (1)	3.1% (3)
Cecil County	0.0% (0)	1.8% (1)	22.7% (5)	6.2% (6)
Charles County	0.0% (0)	3.6% (2)	9.1% (2)	4.1% (4)
Dorchester County	5.3% (1)	0.0% (0)	0.0% (0)	1.0% (1)
Frederick County	10.5% (2)	7.1% (4)	9.1% (2)	8.2% (8)
Garrett County	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Harford County	0.0% (0)	5.4% (3)	27.3% (6)	9.3% (9)

Howard County	5.3% (1)	12.5% (7)	0.0% (0)	8.2% (8)
Kent County	0.0% (0)	0.0% (0)	4.5% (1)	1.0% (1)
Montgomery County	10.5% (2)	28.6% (16)	0.0% (0)	18.6% (18)
Prince Georges County	15.8% (3)	8.9% (5)	0.0% (0)	8.2% (8)
Queen Anne's County	0.0% (0)	1.8% (1)	0.0% (0)	1.0% (1)
Somerset County	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
St. Mary's County	0.0% (0)	0.0% (0)	9.1% (2)	2.1% (2)
Talbot County	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Washington County	0.0% (0)	0.0% (0)	4.5% (1)	1.0% (1)
Wicomico County	5.3% (1)	1.8% (1)	0.0% (0)	2.1% (2)
Worcester County	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
answered question	19	56	22	97
skipped question				0

7. Which of the following best describes your school's location?

Which of the following best describes your school's location?				
	Urban	Suburban	Rural	Response Totals
Urban	100.0% (19)	0.0% (0)	0.0% (0)	19.6% (19)
Suburban	0.0% (0)	100.0% (56)	0.0% (0)	57.7% (56)
Rural	0.0% (0)	0.0% (0)	100.0% (22)	22.7% (22)
Online	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
answered question	19	56	22	97
skipped question				0

8. Which of the following are offered at your high school? (Check all that apply.)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Keyboarding	36.8% (7)	35.7% (20)	45.5% (10)	38.1% (37)
An introductory computer science course (pre-AP)	52.6% (10)	66.1% (37)	50.0% (11)	59.8% (58)
Advanced Placement Computer Science (AP)	42.1% (8)	64.3% (36)	50.0% (11)	56.7% (55)
Oracle Academy	5.3% (1)	1.8% (1)	4.5% (1)	3.1% (3)
Cisco Academy	21.1% (4)	25.0% (14)	4.5% (1)	19.6% (19)
Other CS/IT courses	42.1% (8)	51.8% (29)	13.6% (3)	41.2% (40)
None of the above; My school does not offer CS/IT courses	5.3% (1)	1.8% (1)	27.3% (6)	8.2% (8)
answered question	19	56	22	97
skipped question				0

9. Which of the following best describes CS/IT your school?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
CS/IT courses have never been offered at my school	100.0% (1)	0.0% (0)	50.0% (3)	50.0% (4)
CS/IT courses were offered in the past at my school, but have been discontinued	0.0% (0)	100.0% (1)	50.0% (3)	50.0% (4)
Comments:	0 replies	1 reply	0 replies	1
answered question	1	1	6	8
skipped question				89

10. What are some of the reasons why your school does not offer computer science courses? (Check all that apply.)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Insufficient student interest	0.0% (0)	0.0% (0)	83.3% (5)	62.5% (5)
Budget restrictions	100.0% (1)	0.0% (0)	66.7% (4)	62.5% (5)
Lack of qualified teachers	0.0% (0)	0.0% (0)	33.3% (2)	25.0% (2)
CS is not a graduation requirement	0.0% (0)	0.0% (0)	33.3% (2)	25.0% (2)
CS is not a priority for my high school	100.0% (1)	100.0% (1)	16.7% (1)	37.5% (3)
CS is not a priority for the school system	0.0% (0)	100.0% (1)	16.7% (1)	25.0% (2)
Other (please specify)	0 replies (0.0%)	0 replies (0.0%)	1 reply (16.7%)	12.5% (1)
answered question	1	1	6	8
skipped question				89

11. In your judgement, do you think that your school should offer CS courses?

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
Yes		100.0% (1)	100.0% (1)	83.3% (5)	87.5% (7)
No		0.0% (0)	0.0% (0)	16.7% (1)	12.5% (1)
answered question		1	1	6	8
skipped question					89

12. If your school offered CS/IT courses would you be interested in teaching them?

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
Yes		0.0% (0)	0.0% (0)	16.7% (1)	12.5% (1)
No		0.0% (0)	0.0% (0)	50.0% (3)	37.5% (3)
Maybe		100.0% (1)	100.0% (1)	33.3% (2)	50.0% (4)
answered question		1	1	6	8
skipped question					89

13. Under what department(s) is CS offered in your school? (Check all that apply.)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Business	56.3% (9)	62.3% (33)	85.7% (12)	65.1% (54)
Technology	43.8% (7)	49.1% (26)	42.9% (6)	47.0% (39)
Computing	0.0% (0)	18.9% (10)	7.1% (1)	13.3% (11)
Math	0.0% (0)	9.4% (5)	28.6% (4)	10.8% (9)
Science	12.5% (2)	1.9% (1)	0.0% (0)	3.6% (3)
Other (please specify)	2 replies (12.5%)	6 replies (11.3%)	0 replies (0.0%)	9.6% (8)
answered question	16	53	14	83
skipped question				14

14. Does your district or state require you to teach a specific computer science course curriculum that includes specific content and outcomes?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
Yes	62.5% (10)	66.0% (35)	50.0% (8)	62.4% (53)
No	37.5% (6)	34.0% (18)	50.0% (8)	37.6% (32)
Comments	1 reply	6 replies	0 replies	7
answered question	16	53	16	85
skipped question				12

15. Are these requirements enforced?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
Yes	33.3% (5)	50.0% (25)	71.4% (10)	50.6% (40)
No	66.7% (10)	50.0% (25)	28.6% (4)	49.4% (39)
Comments	1 reply	5 replies	0 replies	6
answered question	15	50	14	79
skipped question				18

16. Does your school offer an introductory (pre-AP) Computer Science (CS) course?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
Yes	50.0% (8)	63.0% (34)	62.5% (10)	60.5% (52)
No	50.0% (8)	37.0% (20)	37.5% (6)	39.5% (34)
answered question	16	54	16	86
skipped question				11

17. What is the title of the introductory CS course, offered at your school?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Count
	6 replies	29 replies	9 replies	44
answered question	6	29	9	44
skipped question				53

18. Are students required to take introductory CS?

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
Yes		28.6% (2)	19.4% (6)	20.0% (2)	20.8% (10)
No		71.4% (5)	80.6% (25)	80.0% (8)	79.2% (38)
Comments		0 replies	6 replies	2 replies	8
answered question		7	31	10	48
skipped question					49

19. Does the CS introductory course offered in your school have prerequisites?

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
Yes		42.9% (3)	53.3% (16)	33.3% (3)	47.8% (22)
No		57.1% (4)	46.7% (14)	66.7% (6)	52.2% (24)
If yes, what are the prerequisites?		2 replies	15 replies	5 replies	22
answered question		7	30	9	46
skipped question					51

20. How many students enrolled in introductory CS this year at your high school?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
1-10	0.0% (0)	0.0% (0)	20.0% (2)	4.3% (2)
11-25	42.9% (3)	31.0% (9)	40.0% (4)	34.8% (16)
26-50	14.3% (1)	34.5% (10)	20.0% (2)	28.3% (13)
51-100	28.6% (2)	17.2% (5)	10.0% (1)	17.4% (8)
101+	14.3% (1)	17.2% (5)	10.0% (1)	15.2% (7)
answered question	7	29	10	46
skipped question				51

21. What approximate percentage of students enrolled in introductory CS are female?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
0%	0.0% (0)	13.8% (4)	0.0% (0)	8.7% (4)
1-20%	71.4% (5)	55.2% (16)	70.0% (7)	60.9% (28)
21-40%	14.3% (1)	27.6% (8)	30.0% (3)	26.1% (12)
41-60%	14.3% (1)	3.4% (1)	0.0% (0)	4.3% (2)
61-80%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
81-99%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
100%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
answered question	7	29	10	46
skipped question				51

22. What approximate percentage of students enrolled in introductory CS are members of an ethnic minority?

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
0%	0.0% (0)	0.0% (0)	10.0% (1)	2.2% (1)
1-20%	42.9% (3)	48.3% (14)	70.0% (7)	52.2% (24)
21-40%	28.6% (2)	27.6% (8)	20.0% (2)	26.1% (12)
41-60%	0.0% (0)	17.2% (5)	0.0% (0)	10.9% (5)
61-80%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
81-99%	28.6% (2)	6.9% (2)	0.0% (0)	8.7% (4)
100%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
answered question	7	29	10	46
skipped question				51

23. What content is covered in introductory CS? (Check all that apply.)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Programming	85.7% (6)	100.0% (29)	100.0% (9)	97.8% (44)
Problem solving	71.4% (5)	89.7% (26)	88.9% (8)	86.7% (39)
Ethics and social issues	57.1% (4)	51.7% (15)	44.4% (4)	51.1% (23)
Hardware	42.9% (3)	55.2% (16)	33.3% (3)	48.9% (22)
Graphics	28.6% (2)	31.0% (9)	22.2% (2)	28.9% (13)
Web development	28.6% (2)	10.3% (3)	33.3% (3)	17.8% (8)
Computer security	28.6% (2)	10.3% (3)	22.2% (2)	15.6% (7)
Game programming	14.3% (1)	31.0% (9)	22.2% (2)	26.7% (12)
Productivity software	28.6% (2)	6.9% (2)	0.0% (0)	8.9% (4)
Databases	0.0% (0)	3.4% (1)	0.0% (0)	2.2% (1)
Networks	28.6% (2)	6.9% (2)	0.0% (0)	8.9% (4)
Logic	57.1% (4)	69.0% (20)	55.6% (5)	64.4% (29)
Information about computing/IT careers	57.1% (4)	48.3% (14)	44.4% (4)	48.9% (22)
Information about computing/IT majors/programs at 2-	14.3%	10.3%	0.0%	8.9%

year colleges	(1)	(3)	(0)	(4)
Information about computing/IT majors at 4-year colleges	14.3% (1)	20.7% (6)	11.1% (1)	17.8% (8)
Information about the Maryland computing/IT job market	14.3% (1)	10.3% (3)	0.0% (0)	8.9% (4)
Information about employers' commitment to diversity in computing/IT	14.3% (1)	6.9% (2)	0.0% (0)	6.7% (3)
answered question	7	29	9	45
skipped question				52

24. What programming languages/software tools are used in introductory CS? (Check all that apply.)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Java	85.7% (6)	86.7% (26)	75.0% (6)	84.4% (38)
Alice	28.6% (2)	36.7% (11)	37.5% (3)	35.6% (16)
Visual Basic	28.6% (2)	16.7% (5)	0.0% (0)	15.6% (7)
Scratch	14.3% (1)	6.7% (2)	25.0% (2)	11.1% (5)
java script	0.0% (0)	3.3% (1)	25.0% (2)	6.7% (3)
C++	42.9% (3)	33.3% (10)	37.5% (3)	35.6% (16)
Python	14.3% (1)	6.7% (2)	25.0% (2)	11.1% (5)
Greenfoot	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
C#	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
HTML	14.3% (1)	13.3% (4)	25.0% (2)	15.6% (7)
Other (please specify)	0 replies (0.0%)	5 replies (16.7%)	1 reply (12.5%)	13.3% (6)
answered question	7	30	8	45
skipped question				52

25. What type of credit is earned by the introductory CS (pre-AP) courses? (Check all that apply.)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Technology Education Credit	57.1% (4)	46.4% (13)	20.0% (2)	42.2% (19)
Computing Credit	0.0% (0)	3.6% (1)	10.0% (1)	4.4% (2)
Business Credit	0.0% (0)	3.6% (1)	30.0% (3)	8.9% (4)
Math Credit	0.0% (0)	3.6% (1)	20.0% (2)	6.7% (3)
Science Credit	14.3% (1)	0.0% (0)	0.0% (0)	2.2% (1)
General Elective Credit	28.6% (2)	60.7% (17)	20.0% (2)	46.7% (21)
Other Credit	0.0% (0)	3.6% (1)	20.0% (2)	6.7% (3)
Other (please specify)	0 replies	3 replies	1 reply	4
answered question	7	28	10	45
skipped question				52

26. Does your school offer AP Computer Science?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
Yes	33.3% (5)	68.0% (34)	62.5% (10)	60.5% (49)
No	66.7% (10)	32.0% (16)	37.5% (6)	39.5% (32)
answered question	15	50	16	81
skipped question				16

27. How many students take AP CS each year?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
1-10	60.0% (3)	21.2% (7)	20.0% (2)	25.0% (12)
11-25	20.0% (1)	51.5% (17)	70.0% (7)	52.1% (25)
26-50	0.0% (0)	15.2% (5)	10.0% (1)	12.5% (6)
51-100	20.0% (1)	12.1% (4)	0.0% (0)	10.4% (5)
101+	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
answered question	5	33	10	48
skipped question				49

28. What percentage of students enrolled in AP CS are female?

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
0%	40.0% (2)	6.1% (2)	10.0% (1)	10.4% (5)
1-20%	60.0% (3)	84.8% (28)	60.0% (6)	77.1% (37)
21-40%	0.0% (0)	9.1% (3)	20.0% (2)	10.4% (5)
41-60%	0.0% (0)	0.0% (0)	10.0% (1)	2.1% (1)
61-80%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
81-99%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
100%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
answered question	5	33	10	48
skipped question				49

29. What percentage of students enrolled in AP CS are members of an ethnic minority?

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
0%	20.0% (1)	3.0% (1)	10.0% (1)	6.3% (3)
1-20%	40.0% (2)	63.6% (21)	90.0% (9)	66.7% (32)
21-40%	20.0% (1)	15.2% (5)	0.0% (0)	12.5% (6)
41-60%	0.0% (0)	12.1% (4)	0.0% (0)	8.3% (4)
61-80%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
81-99%	20.0% (1)	6.1% (2)	0.0% (0)	6.3% (3)
100%	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
answered question	5	33	10	48
skipped question				49

30. Does your school offer CS/IT courses other than introductory and AP Computer Science?

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
Yes	46.7% (7)	72.9% (35)	56.3% (9)	64.6% (51)	
No	53.3% (8)	27.1% (13)	43.8% (7)	35.4% (28)	
answered question		15	48	16	79
skipped question					18

31. If your school offers other CS/IT courses, which of the following are offered? (Check all that apply.)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Keyboarding	27.3% (3)	35.7% (15)	53.8% (7)	37.9% (25)
Web design	72.7% (8)	50.0% (21)	61.5% (8)	56.1% (37)
Computer graphics	45.5% (5)	40.5% (17)	30.8% (4)	39.4% (26)
Computing communications/media	9.1% (1)	19.0% (8)	15.4% (2)	16.7% (11)
Programming	18.2% (2)	45.2% (19)	53.8% (7)	42.4% (28)
Networking	27.3% (3)	40.5% (17)	23.1% (3)	34.8% (23)
Game development	9.1% (1)	23.8% (10)	7.7% (1)	18.2% (12)
Computer security	9.1% (1)	7.1% (3)	7.7% (1)	7.6% (5)
Other (please specify)	2 replies (18.2%)	8 replies (19.0%)	2 replies (15.4%)	18.2% (12)
answered question	11	42	13	66
skipped question				31

32. How many years have you been teaching CS/IT?

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
0 years	6.7% (1)	12.5% (6)	18.8% (3)	12.7% (10)
1-3 years	46.7% (7)	20.8% (10)	12.5% (2)	24.1% (19)
4-7 years	26.7% (4)	14.6% (7)	12.5% (2)	16.5% (13)
8-14 years	6.7% (1)	29.2% (14)	12.5% (2)	21.5% (17)
15+ years	13.3% (2)	22.9% (11)	43.8% (7)	25.3% (20)
answered question	15	48	16	79
skipped question				18

33. In a typical year, what percentage of the courses you teach are CS/IT courses?

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
0%-25%	40.0% (6)	42.6% (20)	25.0% (4)	38.5% (30)
26%-50%	20.0% (3)	12.8% (6)	25.0% (4)	16.7% (13)
51%-75%	20.0% (3)	10.6% (5)	12.5% (2)	12.8% (10)
76%-100%	20.0% (3)	34.0% (16)	37.5% (6)	32.1% (25)
answered question	15	47	16	78
skipped question				19

34. Which of the following courses have you taught in the past three years? (Check all that apply.)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Keyboarding	14.3% (2)	11.6% (5)	23.1% (3)	14.3% (10)
Introductory CS	42.9% (6)	58.1% (25)	53.8% (7)	54.3% (38)
AP CS	14.3% (2)	46.5% (20)	46.2% (6)	40.0% (28)
Web design	50.0% (7)	37.2% (16)	23.1% (3)	37.1% (26)
Computer graphics	14.3% (2)	14.0% (6)	0.0% (0)	11.4% (8)
Computing communications/media	7.1% (1)	7.0% (3)	23.1% (3)	10.0% (7)
Programming	35.7% (5)	46.5% (20)	46.2% (6)	44.3% (31)
Networking	14.3% (2)	14.0% (6)	15.4% (2)	14.3% (10)
Game development	7.1% (1)	11.6% (5)	15.4% (2)	11.4% (8)
Computer security	7.1% (1)	2.3% (1)	7.7% (1)	4.3% (3)
Other (please specify)	6 replies (42.9%)	14 replies (32.6%)	3 replies (23.1%)	32.9% (23)
answered question	14	43	13	70
skipped question				27

35. Do you use all or part of the standard curriculum as outlined in the ACM/CSTA Model Curriculum for K-12 Computer Science?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
Yes	26.7% (4)	17.4% (8)	13.3% (2)	18.4% (14)
No, but I know about the ACM/CSTA Model Curriculum	20.0% (3)	39.1% (18)	20.0% (3)	31.6% (24)
No, and I never heard of the ACM/CSTA Model Curriculum	53.3% (8)	43.5% (20)	66.7% (10)	50.0% (38)
answered question	15	46	15	76
skipped question				21

36. Are the courses that you teach part of any of the following? (Check all that apply.)

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
Oracle Academy	14.3% (1)	0.0% (0)	0.0% (0)	2.1% (1)
Cisco Academy	14.3% (1)	17.6% (6)	14.3% (1)	16.7% (8)
Other CTE IT courses	42.9% (3)	44.1% (15)	71.4% (5)	47.9% (23)
Locally developed CS/IT courses not part of CTE course offerings	71.4% (5)	55.9% (19)	14.3% (1)	52.1% (25)
answered question	7	34	7	48
skipped question				49

37. How have the CS enrollments changes in your school over the past three (3) years?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
Increased	25.0% (3)	36.2% (17)	25.0% (4)	32.0% (24)
Decreased	41.7% (5)	29.8% (14)	18.8% (3)	29.3% (22)
Stayed about the same	33.3% (4)	34.0% (16)	56.3% (9)	38.7% (29)
Comments:	3 replies	7 replies	1 reply	11
answered question	12	47	16	75
skipped question				22

38. In your judgement, do you think there are students who should be taking CS course(s) that your school offers, but who are not?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
Yes	76.9% (10)	87.0% (40)	87.5% (14)	85.3% (64)
No	23.1% (3)	13.0% (6)	12.5% (2)	14.7% (11)
answered question	13	46	16	75
skipped question				22

39. Why are these students not taking the CS courses your school offers? (Rate each reason.)

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
No room in timetable	Very common	45.5% (5)	64.3% (27)	50.0% (7)	
	Somewhat common	54.5% (6)	26.2% (11)	50.0% (7)	
	Uncommon	0.0% (0)	9.5% (4)	0.0% (0)	
		11	42	14	67
Greater interest in other subjects	Very common	50.0% (5)	39.0% (16)	23.1% (3)	
	Somewhat common	30.0% (3)	51.2% (21)	76.9% (10)	
	Uncommon	20.0% (2)	9.8% (4)	0.0% (0)	
		10	41	13	64
Elective courses are less important	Very common	45.5% (5)	47.6% (20)	64.3% (9)	
	Somewhat common	27.3% (3)	45.2% (19)	28.6% (4)	
	Uncommon	27.3% (3)	7.1% (3)	7.1% (1)	
		11	42	14	67
Subject matter too difficult	Very common	18.2% (2)	26.2% (11)	21.4% (3)	
	Somewhat common	36.4% (4)	50.0% (21)	64.3% (9)	

	Uncommon	45.5% (5)	23.8% (10)	14.3% (2)	
		11	42	14	67
CS is perceived to be "geeky"	Very common	18.2% (2)	23.1% (9)	30.8% (4)	
	Somewhat common	36.4% (4)	53.8% (21)	46.2% (6)	
	Uncommon	45.5% (5)	23.1% (9)	23.1% (3)	
		11	39	13	63
Perceived as male-dominated	Very common	18.2% (2)	22.0% (9)	30.8% (4)	
	Somewhat common	45.5% (5)	43.9% (18)	53.8% (7)	
	Uncommon	36.4% (4)	34.1% (14)	15.4% (2)	
		11	41	13	65
Perception of limited job opportunities	Very common	10.0% (1)	0.0% (0)	0.0% (0)	
	Somewhat common	10.0% (1)	19.0% (8)	25.0% (3)	
	Uncommon	80.0% (8)	81.0% (34)	75.0% (9)	
		10	42	12	64
Lack of knowledge about careers in computing	Very common	36.4% (4)	24.4% (10)	35.7% (5)	
	Somewhat common	36.4% (4)	51.2% (21)	50.0% (7)	
	Uncommon	27.3% (3)	24.4% (10)	14.3% (2)	
		11	41	14	66
Unaware of CS courses being offered	Very	45.5%	30.0%	23.1%	

by school	common	(5)	(12)	(3)	
	Somewhat common	18.2% (2)	35.0% (14)	69.2% (9)	
	Uncommon	36.4% (4)	35.0% (14)	7.7% (1)	
		11	40	13	64
Don't understand importance of CS coursework	Very common	63.6% (7)	52.5% (21)	46.2% (6)	
	Somewhat common	18.2% (2)	40.0% (16)	46.2% (6)	
	Uncommon	18.2% (2)	7.5% (3)	7.7% (1)	
		11	40	13	64
Rather take other enrichment classes such as music	Very common	40.0% (4)	26.8% (11)	33.3% (4)	
	Somewhat common	40.0% (4)	53.7% (22)	33.3% (4)	
	Uncommon	20.0% (2)	19.5% (8)	33.3% (4)	
		10	41	12	63
Lack of knowledge about CTE programs of study	Very common	63.6% (7)	34.1% (14)	57.1% (8)	
	Somewhat common	27.3% (3)	41.5% (17)	42.9% (6)	
	Uncommon	9.1% (1)	24.4% (10)	0.0% (0)	
		11	41	14	66
CTE courses perceived as not rigorous enough for college-bound students	Very common	27.3% (3)	14.6% (6)	40.0% (6)	
	Somewhat common	36.4% (4)	29.3% (12)	40.0% (6)	

	Uncommon	36.4% (4)	56.1% (23)	20.0% (3)	
		11	41	15	67
	answered question	11	43	15	69
skipped question					28

40. In your judgement, do you think that your school should offer more CS courses?

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
Yes		78.6% (11)	63.8% (30)	68.8% (11)	67.5% (52)
No		21.4% (3)	36.2% (17)	31.3% (5)	32.5% (25)
	answered question	14	47	16	77
skipped question					20

41. If yes, what CS courses should be added?

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Count
		11 replies	27 replies	7 replies	45
	answered question	11	27	7	45
skipped question					52

42. What are some of the reasons why your school does not offer more computer science courses? (Check all that apply.)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Insufficient student interest	40.0% (6)	56.5% (26)	31.3% (5)	48.1% (37)
Budget restrictions	73.3% (11)	43.5% (20)	56.3% (9)	51.9% (40)
Lack of qualified teachers	40.0% (6)	41.3% (19)	37.5% (6)	40.3% (31)
CS is not a graduation requirement	53.3% (8)	67.4% (31)	56.3% (9)	62.3% (48)
CS is not a priority for my high school	46.7% (7)	37.0% (17)	56.3% (9)	42.9% (33)
CS is not a priority for the school system	53.3% (8)	43.5% (20)	68.8% (11)	50.6% (39)
Other (please specify)	4 replies (26.7%)	5 replies (10.9%)	0 replies (0.0%)	11.7% (9)
answered question	15	46	16	77
skipped question				20

43. What do you perceive as the greatest challenges in teaching CS? (Please rate each challenge.)

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
Lack of student interest/enrollment	Great Challenge	42.9% (6)	34.8% (16)	38.9% (7)	
	Moderate challenge	42.9% (6)	47.8% (22)	55.6% (10)	
	Minor/no challenge	14.3% (2)	17.4% (8)	5.6% (1)	
		14	46	18	78
Rapidly changing technology	Great Challenge	42.9% (6)	23.9% (11)	52.9% (9)	
	Moderate challenge	28.6% (4)	56.5% (26)	47.1% (8)	
	Minor/no challenge	28.6% (4)	19.6% (9)	0.0% (0)	
		14	46	17	77
Difficult subject matter	Great Challenge	7.7% (1)	30.4% (14)	35.3% (6)	
	Moderate challenge	69.2% (9)	39.1% (18)	52.9% (9)	
	Minor/no challenge	23.1% (3)	30.4% (14)	11.8% (2)	
		13	46	17	76
Lack of support/interest by school staff	Great Challenge	42.9% (6)	34.8% (16)	50.0% (9)	
	Moderate challenge	21.4% (3)	41.3% (19)	44.4% (8)	

	Minor/no challenge	35.7% (5)	23.9% (11)	5.6% (1)	
		14	46	18	78
Lack of student subject knowledge	Great Challenge	21.4% (3)	24.4% (11)	41.2% (7)	
	Moderate challenge	57.1% (8)	55.6% (25)	52.9% (9)	
	Minor/no challenge	21.4% (3)	20.0% (9)	5.9% (1)	
		14	45	17	76
Lack of curriculum resources	Great Challenge	42.9% (6)	24.4% (11)	56.3% (9)	
	Moderate challenge	28.6% (4)	35.6% (16)	37.5% (6)	
	Minor/no challenge	28.6% (4)	40.0% (18)	6.3% (1)	
		14	45	16	75
Lack of hardware/software resources	Great Challenge	53.3% (8)	28.9% (13)	50.0% (8)	
	Moderate challenge	33.3% (5)	20.0% (9)	43.8% (7)	
	Minor/no challenge	13.3% (2)	51.1% (23)	6.3% (1)	
		15	45	16	76
Lack of teacher subject knowledge	Great Challenge	20.0% (3)	10.9% (5)	31.3% (5)	
	Moderate challenge	46.7% (7)	34.8% (16)	43.8% (7)	
	Minor/no challenge	33.3% (5)	54.3% (25)	25.0% (4)	
		15	46	16	77
	answered question	15	47	18	80

44. Challenges continued. (Please rank each of the following.)

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
Lack of student math preparation	Great challenge	42.9% (6)	24.4% (11)	29.4% (5)	
	Moderate challenge	42.9% (6)	62.2% (28)	64.7% (11)	
	Minor/no challenge	14.3% (2)	13.3% (6)	5.9% (1)	
		14	45	17	76
Lack of support/interest by school leadership	Great challenge	42.9% (6)	32.6% (15)	37.5% (6)	
	Moderate challenge	28.6% (4)	37.0% (17)	50.0% (8)	
	Minor/no challenge	28.6% (4)	30.4% (14)	12.5% (2)	
		14	46	16	76
Lack of computer lab space	Great challenge	26.7% (4)	17.8% (8)	37.5% (6)	
	Moderate challenge	33.3% (5)	24.4% (11)	31.3% (5)	
	Minor/no challenge	40.0% (6)	57.8% (26)	31.3% (5)	
		15	45	16	76
Lack of computer lab/IT support personnel	Great challenge	20.0% (3)	13.3% (6)	31.3% (5)	

	Moderate challenge	40.0% (6)	31.1% (14)	37.5% (6)	
	Minor/no challenge	40.0% (6)	55.6% (25)	31.3% (5)	
		15	45	16	76
Lack of guidance staff knowledge about importance of CS	Great challenge	21.4% (3)	51.1% (24)	50.0% (8)	
	Moderate challenge	64.3% (9)	36.2% (17)	43.8% (7)	
	Minor/no challenge	14.3% (2)	12.8% (6)	6.3% (1)	
		14	47	16	77
Lack of parental encouragement for students to take CS	Great challenge	26.7% (4)	44.7% (21)	35.3% (6)	
	Moderate challenge	53.3% (8)	42.6% (20)	64.7% (11)	
	Minor/no challenge	20.0% (3)	12.8% (6)	0.0% (0)	
		15	47	17	79
Lack of parental knowledge about the importance of CS	Great challenge	33.3% (5)	50.0% (23)	47.1% (8)	
	Moderate challenge	46.7% (7)	39.1% (18)	41.2% (7)	
	Minor/no challenge	20.0% (3)	10.9% (5)	11.8% (2)	
		15	46	17	78
Lack of a professional community of other CS instructors	Great challenge	14.3% (2)	26.1% (12)	29.4% (5)	
	Moderate challenge	64.3% (9)	41.3% (19)	47.1% (8)	
	Minor/no challenge	21.4% (3)	32.6% (15)	23.5% (4)	

		14	46	17	77
Lack of professional development opportunities	Great challenge	21.4% (3)	13.3% (6)	25.0% (4)	
	Moderate challenge	50.0% (7)	42.2% (19)	62.5% (10)	
	Minor/no challenge	28.6% (4)	44.4% (20)	12.5% (2)	
		14	45	16	75
Understanding state curriculum standards	Great challenge	7.1% (1)	10.9% (5)	31.3% (5)	
	Moderate challenge	50.0% (7)	34.8% (16)	56.3% (9)	
	Minor/no challenge	42.9% (6)	54.3% (25)	12.5% (2)	
		14	46	16	76
Creating a curriculum that satisfies district and state standards	Great challenge	14.3% (2)	19.6% (9)	25.0% (4)	
	Moderate challenge	57.1% (8)	30.4% (14)	68.8% (11)	
	Minor/no challenge	28.6% (4)	50.0% (23)	6.3% (1)	
		14	46	16	76
Being asked to teach multiple CS related courses in the same classroom at the same time	Great challenge	21.4% (3)	43.5% (20)	31.3% (5)	
	Moderate challenge	50.0% (7)	23.9% (11)	62.5% (10)	
	Minor/no challenge	28.6% (4)	32.6% (15)	6.3% (1)	
		14	46	16	76
Teacher lack of knowledge of Maryland job market	Great challenge	7.1% (1)	4.3% (2)	18.8% (3)	

	Moderate challenge	50.0% (7)	26.1% (12)	56.3% (9)	
	Minor/no challenge	42.9% (6)	69.6% (32)	25.0% (4)	
		14	46	16	76
Teacher lack of knowledge of CS career paths	Great challenge	7.1% (1)	6.5% (3)	6.3% (1)	
	Moderate challenge	50.0% (7)	17.4% (8)	56.3% (9)	
	Minor/no challenge	42.9% (6)	76.1% (35)	37.5% (6)	
		14	46	16	76
Inability to attract women and minorities to CS classes	Great challenge	35.7% (5)	26.1% (12)	25.0% (4)	
	Moderate challenge	35.7% (5)	47.8% (22)	56.3% (9)	
	Minor/no challenge	28.6% (4)	26.1% (12)	18.8% (3)	
		14	46	16	76
Lack of internships for students	Great challenge	35.7% (5)	17.4% (8)	18.8% (3)	
	Moderate challenge	35.7% (5)	50.0% (23)	50.0% (8)	
	Minor/no challenge	28.6% (4)	32.6% (15)	31.3% (5)	
		14	46	16	76
	answered question	15	47	17	79
	skipped question			18	

45. What do you perceive as the greatest professional development needs?

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
Time for training	Great need	60.0% (9)	55.6% (25)	87.5% (14)	
	Moderate need	20.0% (3)	33.3% (15)	12.5% (2)	
	Minor/no need	20.0% (3)	11.1% (5)	0.0% (0)	
		15	45	16	76
Sufficient training opportunities	Great need	56.3% (9)	41.9% (18)	87.5% (14)	
	Moderate need	25.0% (4)	41.9% (18)	12.5% (2)	
	Minor/no need	18.8% (3)	16.3% (7)	0.0% (0)	
		16	43	16	75
Training cost (and lack of reimbursement)	Great need	62.5% (10)	52.3% (23)	81.3% (13)	
	Moderate need	25.0% (4)	27.3% (12)	18.8% (3)	
	Minor/no need	12.5% (2)	20.5% (9)	0.0% (0)	
		16	44	16	76
Training facilities and resources	Great need	50.0% (8)	29.5% (13)	81.3% (13)	
	Moderate need	18.8% (3)	45.5% (20)	18.8% (3)	
	Minor/no	31.3%	25.0%	0.0%	

	need	(5)	(11)	(0)	
		16	44	16	76
Sufficient training opportunities nearby	Great need	50.0% (8)	31.8% (14)	80.0% (12)	
	Moderate need	37.5% (6)	45.5% (20)	20.0% (3)	
	Minor/no need	12.5% (2)	22.7% (10)	0.0% (0)	
		16	44	15	75
Readily available information about upcoming training opportunities	Great need	33.3% (5)	22.7% (10)	56.3% (9)	
	Moderate need	33.3% (5)	50.0% (22)	43.8% (7)	
	Minor/no need	33.3% (5)	27.3% (12)	0.0% (0)	
		15	44	16	75
Timely information about training opportunities	Great need	26.7% (4)	31.1% (14)	56.3% (9)	
	Moderate need	40.0% (6)	37.8% (17)	43.8% (7)	
	Minor/no need	33.3% (5)	31.1% (14)	0.0% (0)	
		15	45	16	76
More training at convenient times during school year	Great need	26.7% (4)	42.2% (19)	56.3% (9)	
	Moderate need	60.0% (9)	48.9% (22)	43.8% (7)	
	Minor/no need	13.3% (2)	8.9% (4)	0.0% (0)	
		15	45	16	76
More training offered during the summer	Great need	43.8% (7)	47.7% (21)	43.8% (7)	

	Moderate need	25.0% (4)	31.8% (14)	50.0% (8)	
	Minor/no need	31.3% (5)	20.5% (9)	6.3% (1)	
		16	44	16	76
	answered question	16	45	16	77
		skipped question			20

46. What do you believe to be the most effective methods for delivering professional development to CS teachers? (Please rank each.)

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
Workshops/seminars	Most effective	73.3% (11)	54.5% (24)	94.1% (16)	
	Somewhat effective	20.0% (3)	38.6% (17)	5.9% (1)	
	Least effective	6.7% (1)	6.8% (3)	0.0% (0)	
		15	44	17	76
Online resources	Most effective	50.0% (7)	35.6% (16)	60.0% (9)	
	Somewhat effective	28.6% (4)	57.8% (26)	33.3% (5)	
	Least effective	21.4% (3)	6.7% (3)	6.7% (1)	
		14	45	15	74
Networking with others	Most effective	46.2% (6)	45.5% (20)	75.0% (12)	
	Somewhat effective	38.5% (5)	45.5% (20)	18.8% (3)	
	Least effective	15.4% (2)	9.1% (4)	6.3% (1)	
		13	44	16	73
Computer-based tutorials	Most effective	46.2% (6)	34.1% (15)	60.0% (9)	
	Somewhat effective	46.2% (6)	50.0% (22)	26.7% (4)	

	Least effective	7.7% (1)	15.9% (7)	13.3% (2)	
		13	44	15	72
Professional conferences	Most effective	33.3% (5)	36.4% (16)	68.8% (11)	
	Somewhat effective	53.3% (8)	50.0% (22)	25.0% (4)	
	Least effective	13.3% (2)	13.6% (6)	6.3% (1)	
		15	44	16	75
College courses	Most effective	57.1% (8)	55.8% (24)	43.8% (7)	
	Somewhat effective	28.6% (4)	34.9% (15)	50.0% (8)	
	Least effective	14.3% (2)	9.3% (4)	6.3% (1)	
		14	43	16	73
Other effective methods (please specify)		3 replies	4 replies	0 replies	7
answered question		15	45	17	77
skipped question					20

47. Please rank your preference/the convenience of each of the following times for your participation in professional development activities?

		Which of the following best describes your school's location?			
		Urban	Suburban	Rural	Response Totals
After school-4:30-6:00 pm	Most prefer/most convenient	18.2% (2)	39.1% (18)	31.3% (5)	
	Prefer slightly/Somewhat convenient	36.4% (4)	26.1% (12)	25.0% (4)	
	Definitely not/Not convenient	45.5% (5)	34.8% (16)	43.8% (7)	
		11	46	16	73
Saturday morning during school year	Most prefer/most convenient	23.1% (3)	13.3% (6)	12.5% (2)	
	Prefer slightly/Somewhat convenient	15.4% (2)	28.9% (13)	25.0% (4)	
	Definitely not/Not convenient	61.5% (8)	57.8% (26)	62.5% (10)	
		13	45	16	74
Saturday afternoon during school year	Most prefer/most convenient	7.7% (1)	15.6% (7)	0.0% (0)	
	Prefer slightly/Somewhat convenient	23.1% (3)	11.1% (5)	26.7% (4)	
	Definitely not/Not convenient	69.2% (9)	73.3% (33)	73.3% (11)	
		13	45	15	73
Summer-weekdays in June immediately after school ends	Most prefer/most convenient	53.3% (8)	57.4% (27)	64.7% (11)	

	Prefer slightly/Somewhat convenient	20.0% (3)	25.5% (12)	29.4% (5)	
	Definitely not/Not convenient	26.7% (4)	17.0% (8)	5.9% (1)	
		15	47	17	79
Summer-weekdays in July	Most prefer/most convenient	21.4% (3)	40.0% (18)	46.7% (7)	
	Prefer slightly/Somewhat convenient	50.0% (7)	35.6% (16)	20.0% (3)	
	Definitely not/Not convenient	28.6% (4)	24.4% (11)	33.3% (5)	
		14	45	15	74
Summer-weekdays in early August	Most prefer/most convenient	21.4% (3)	35.6% (16)	37.5% (6)	
	Prefer slightly/Somewhat convenient	57.1% (8)	37.8% (17)	31.3% (5)	
	Definitely not/Not convenient	21.4% (3)	26.7% (12)	31.3% (5)	
		14	45	16	75
Summer-Saturdays	Most prefer/most convenient	8.3% (1)	11.1% (5)	6.7% (1)	
	Prefer slightly/Somewhat convenient	0.0% (0)	17.8% (8)	20.0% (3)	
	Definitely not/Not convenient	91.7% (11)	71.1% (32)	73.3% (11)	
		12	45	15	72
	answered question	15	47	17	79
		skipped question			18

48. Which of the following certifications do you currently hold? (Check all that apply)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Professional Eligibility Certificate (PEC)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Standard Professional Certificate I (SPC I)	31.3% (5)	15.9% (7)	23.8% (5)	21.0% (17)
Standard Professional Certificate II (SPCII)	0.0% (0)	2.3% (1)	4.8% (1)	2.5% (2)
Advanced Professional Certificate (APC)	62.5% (10)	81.8% (36)	71.4% (15)	75.3% (61)
Resident Teacher Certificate (RTC)	6.3% (1)	0.0% (0)	0.0% (0)	1.2% (1)
Conditional Certificate (COND)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
answered question	16	44	21	81
skipped question				16

49. In which of the following areas are you certified to teach in Maryland?

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
Agriculture/Agribusiness and Renewable Natural Resources	0.0% (0)	0.0% (0)	4.8% (1)	1.2% (1)
Biology	12.5% (2)	4.3% (2)	0.0% (0)	4.8% (4)
Business Education	43.8% (7)	23.4% (11)	38.1% (8)	31.0% (26)
Chemistry	12.5% (2)	4.3% (2)	0.0% (0)	4.8% (4)
Computer Science	25.0% (4)	55.3% (26)	19.0% (4)	40.5% (34)
Data Processing	0.0% (0)	0.0% (0)	4.8% (1)	1.2% (1)
Earth/Space Science	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
English	12.5% (2)	4.3% (2)	0.0% (0)	4.8% (4)
Family and Consumer Sciences	6.3% (1)	4.3% (2)	9.5% (2)	6.0% (5)
Family and Consumer Sciences/Career Technology Education	0.0% (0)	4.3% (2)	4.8% (1)	3.6% (3)
Foreign Language: Classical	0.0% (0)	2.1% (1)	0.0% (0)	1.2% (1)
Foreign Language: Modern	6.3% (1)	0.0% (0)	0.0% (0)	1.2% (1)
Geography	0.0% (0)	2.1% (1)	0.0% (0)	1.2% (1)

Health Occupations Education	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
History	0.0% (0)	4.3% (2)	0.0% (0)	2.4% (2)
Marketing Education - Teacher-Coordinator	0.0% (0)	2.1% (1)	4.8% (1)	2.4% (2)
Mathematics	18.8% (3)	34.0% (16)	19.0% (4)	27.4% (23)
Physical Science	0.0% (0)	2.1% (1)	0.0% (0)	1.2% (1)
Physics	6.3% (1)	2.1% (1)	0.0% (0)	2.4% (2)
Social Studies	0.0% (0)	6.4% (3)	9.5% (2)	6.0% (5)
Speech Communication	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Technology Education	43.8% (7)	46.8% (22)	33.3% (7)	42.9% (36)
Theater	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Trades and Industry	6.3% (1)	4.3% (2)	4.8% (1)	4.8% (4)
Work-Based Learning Coordinator (endorsement only)	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Other (please specify)	3 replies (18.8%)	7 replies (14.9%)	1 reply (4.8%)	13.1% (11)
answered question	16	47	21	84
skipped question				13

50. How many years have you been teaching?

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
1-3 years	0.0% (0)	2.1% (1)	9.5% (2)	3.5% (3)
4-7 years	37.5% (6)	18.8% (9)	14.3% (3)	21.2% (18)
8-14 years	31.3% (5)	31.3% (15)	23.8% (5)	29.4% (25)
15+ years	31.3% (5)	47.9% (23)	52.4% (11)	45.9% (39)
answered question	16	48	21	85
skipped question				12

51. How do you identify yourself? (Check all that apply.)

	Which of the following best describes your school's location?			Response Totals
	Urban	Suburban	Rural	
African American/Black	25.0% (4)	12.8% (6)	4.8% (1)	13.1% (11)
Asian American/Pacific Islander	6.3% (1)	4.3% (2)	0.0% (0)	3.6% (3)
Caucasian/White	62.5% (10)	78.7% (37)	95.2% (20)	79.8% (67)
Hispanic	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Native American/Indigenous	0.0% (0)	0.0% (0)	0.0% (0)	0.0% (0)
Other (please specify)	1 reply (6.3%)	3 replies (6.4%)	0 replies (0.0%)	4.8% (4)
answered question	16	47	21	84
skipped question				13

52. Sex:

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
Female	56.3% (9)	38.3% (18)	57.1% (12)	46.4% (39)
Male	43.8% (7)	61.7% (29)	42.9% (9)	53.6% (45)
answered question	16	47	21	84
skipped question				13

53. What is your age?

	Which of the following best describes your school's location?			
	Urban	Suburban	Rural	Response Totals
22-30	6.7% (1)	4.3% (2)	9.5% (2)	6.0% (5)
31-40	20.0% (3)	17.0% (8)	28.6% (6)	20.5% (17)
41-50	40.0% (6)	36.2% (17)	14.3% (3)	31.3% (26)
51-60	20.0% (3)	31.9% (15)	47.6% (10)	33.7% (28)
61+	13.3% (2)	10.6% (5)	0.0% (0)	8.4% (7)
answered question	15	47	21	83
skipped question				14