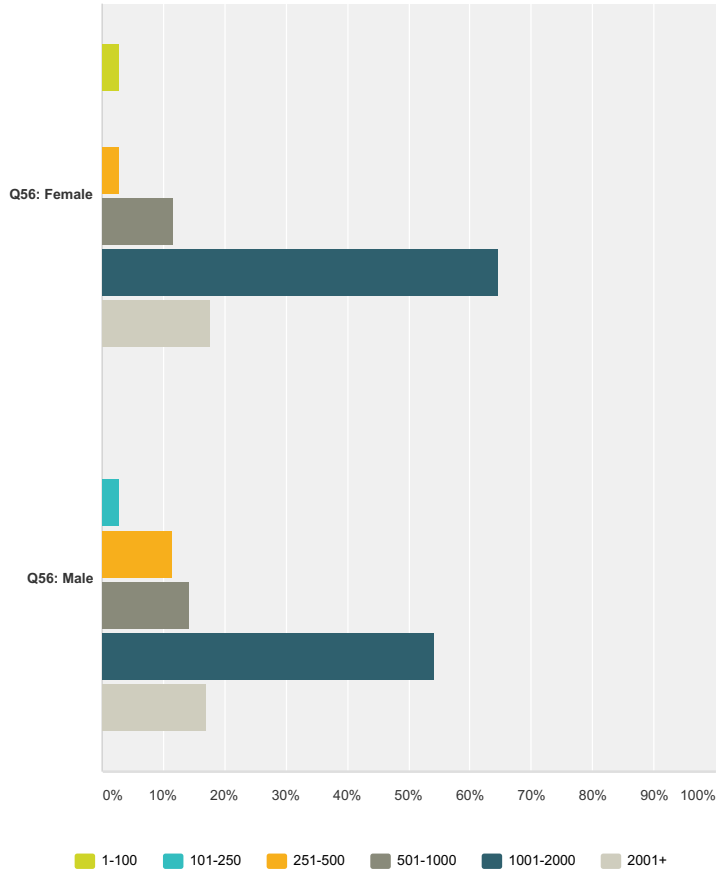
Q1 How many students attend your school?

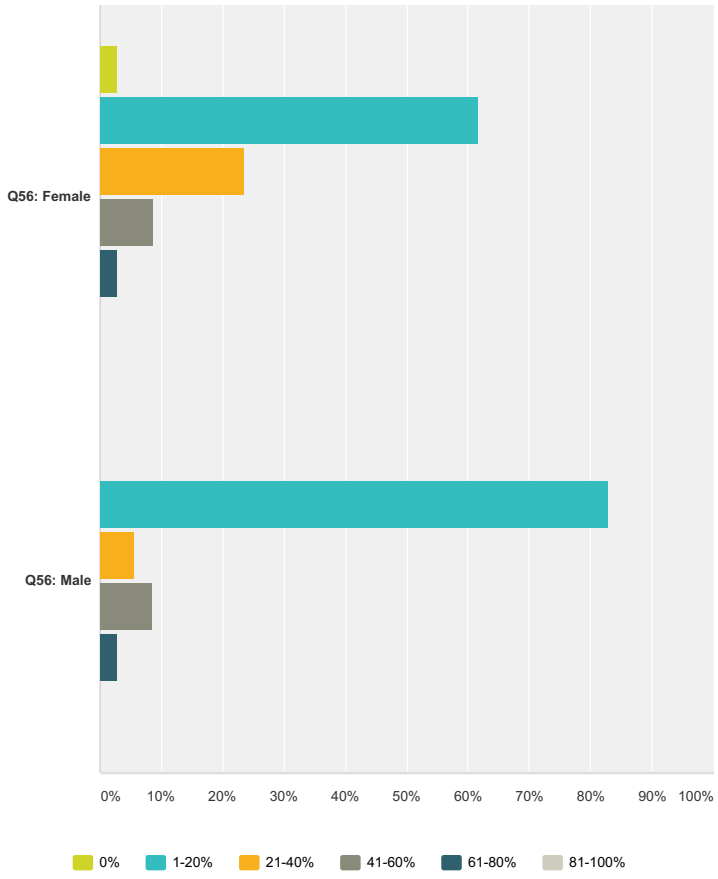
Answered: 69 Skipped: 0



	1-100	101-250	251-500	501-1000	1001-2000	2001+	Total
Q56: Female	**2.94%** 1	**0.00%** 0	**2.94%** 1	**11.76%** 4	**64.71%** 22	**17.65%** 6	34
Q56: Male	**0.00%** 0	**2.86%** 1	**11.43%** 4	**14.29%** 5	**54.29%** 19	**17.14%** 6	35
Total Respondents	1	1	5	9	41	12	69

Q2 What percentage of students at your school speak a language at home other than English?

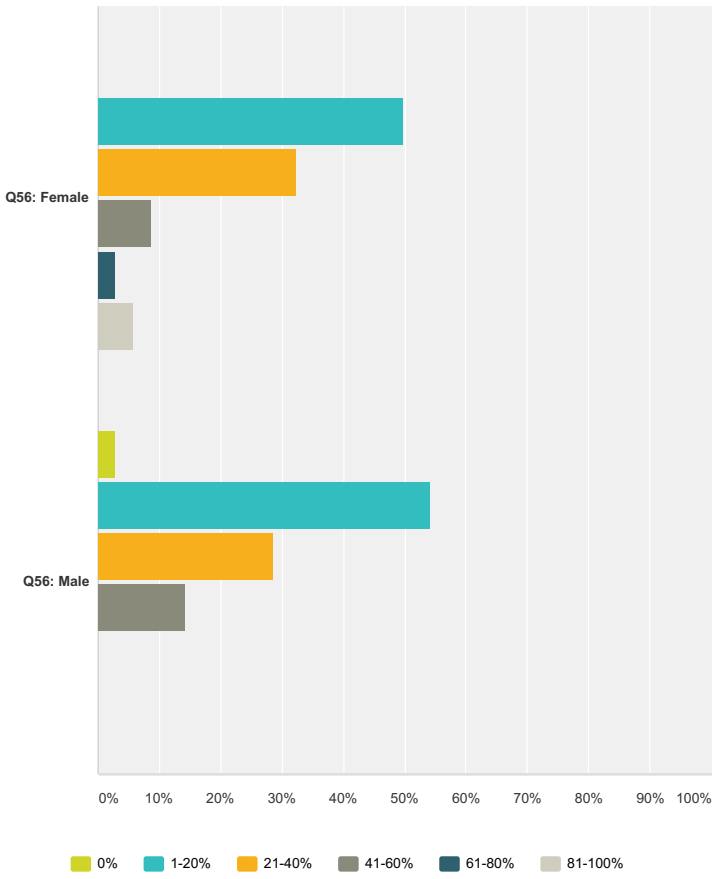
Answered: 69 Skipped: 0



	0%	1-20%	21-40%	41-60%	61-80%	81-100%	Total
Q56: Female	**2.94%** 1	**61.76%** 21	**23.53%** 8	**8.82%** 3	**2.94%** 1	**0.00%** 0	34
Q56: Male	**0.00%** 0	**82.86%** 29	**5.71%** 2	**8.57%** 3	**2.86%** 1	**0.00%** 0	35
Total Respondents	1	50	10	6	2	0	69

Q3 What percentage of students at your school are African American?

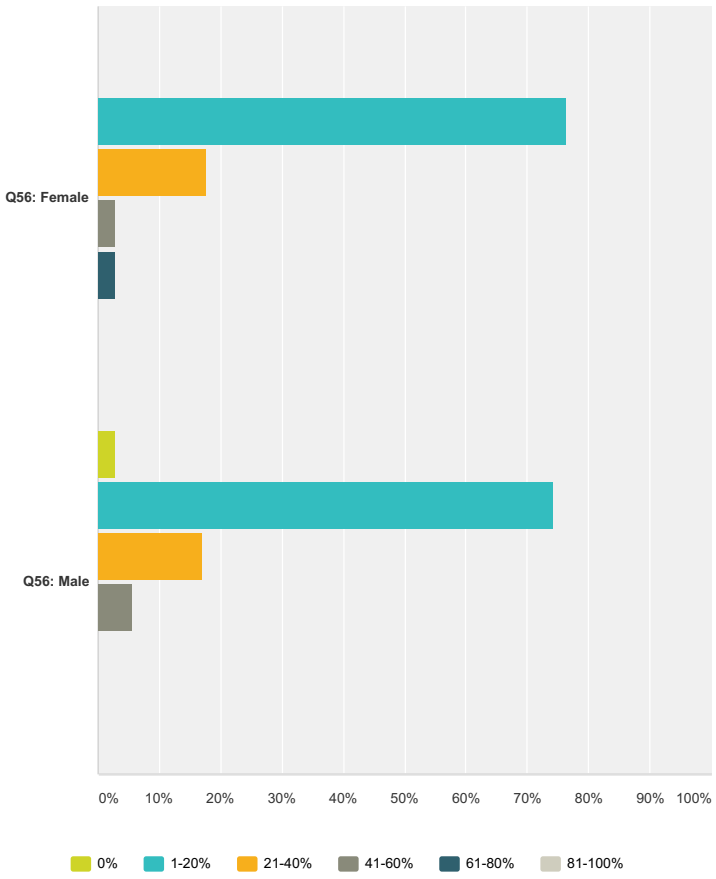
Answered: 69 Skipped: 0



	0%	1-20%	21-40%	41-60%	61-80%	81-100%	Total
Q56: Female	**0.00%** 0	**50.00%** 17	**32.35%** 11	**8.82%** 3	**2.94%** 1	**5.88%** 2	34
Q56: Male	**2.86%** 1	**54.29%** 19	**28.57%** 10	**14.29%** 5	**0.00%** 0	**0.00%** 0	35
Total Respondents	1	36	21	8	1	2	69

Q4 What percentage of students at your school are Hispanic/Latino?

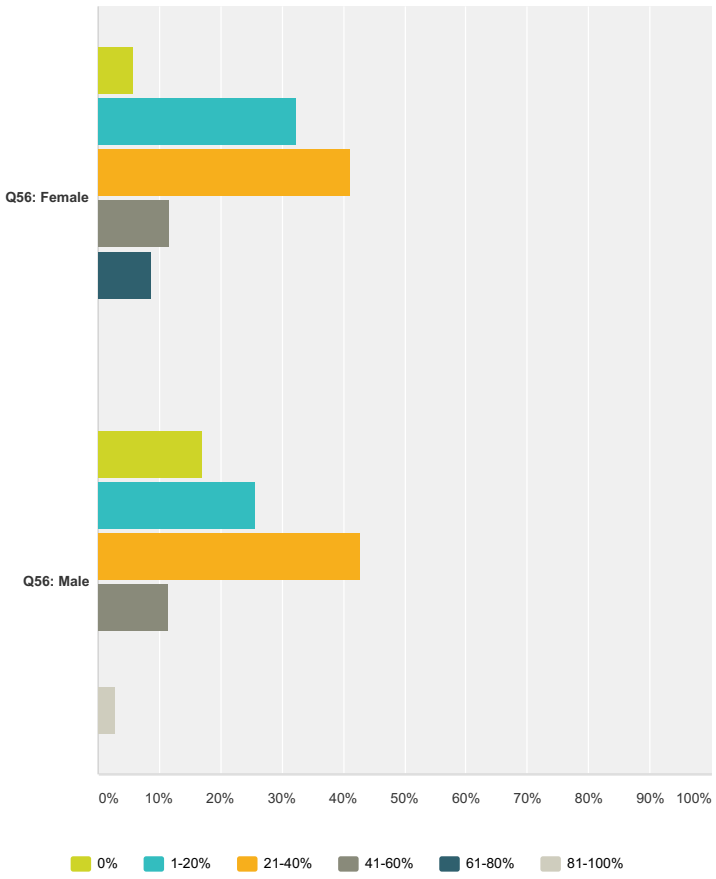
Answered: 69 Skipped: 0



	0%	1-20%	21-40%	41-60%	61-80%	81-100%	Total
Q56: Female	**0.00%** 0	**76.47%** 26	**17.65%** 6	**2.94%** 1	**2.94%** 1	**0.00%** 0	34
Q56: Male	**2.86%** 1	**74.29%** 26	**17.14%** 6	**5.71%** 2	**0.00%** 0	**0.00%** 0	35
Total Respondents	1	52	12	3	1	0	69

Q5 What percentage of students qualify for free or reduced lunch?

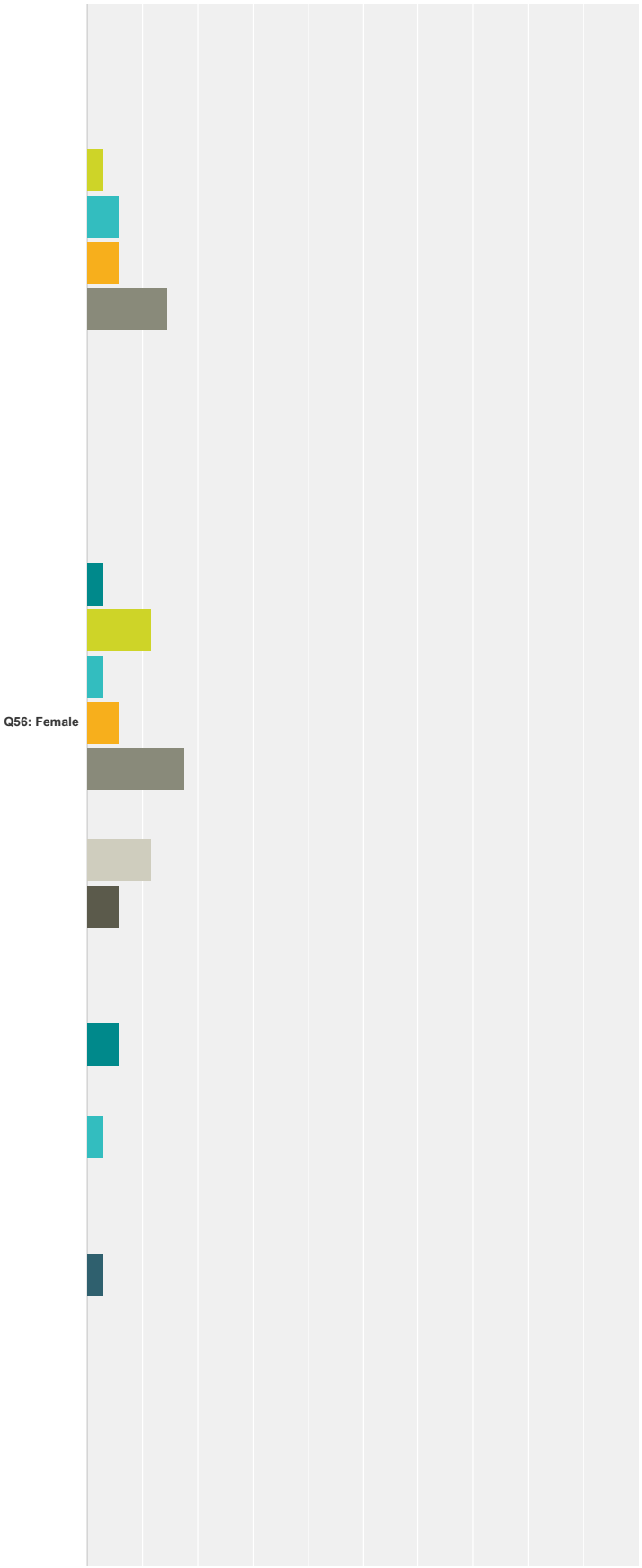
Answered: 69 Skipped: 0

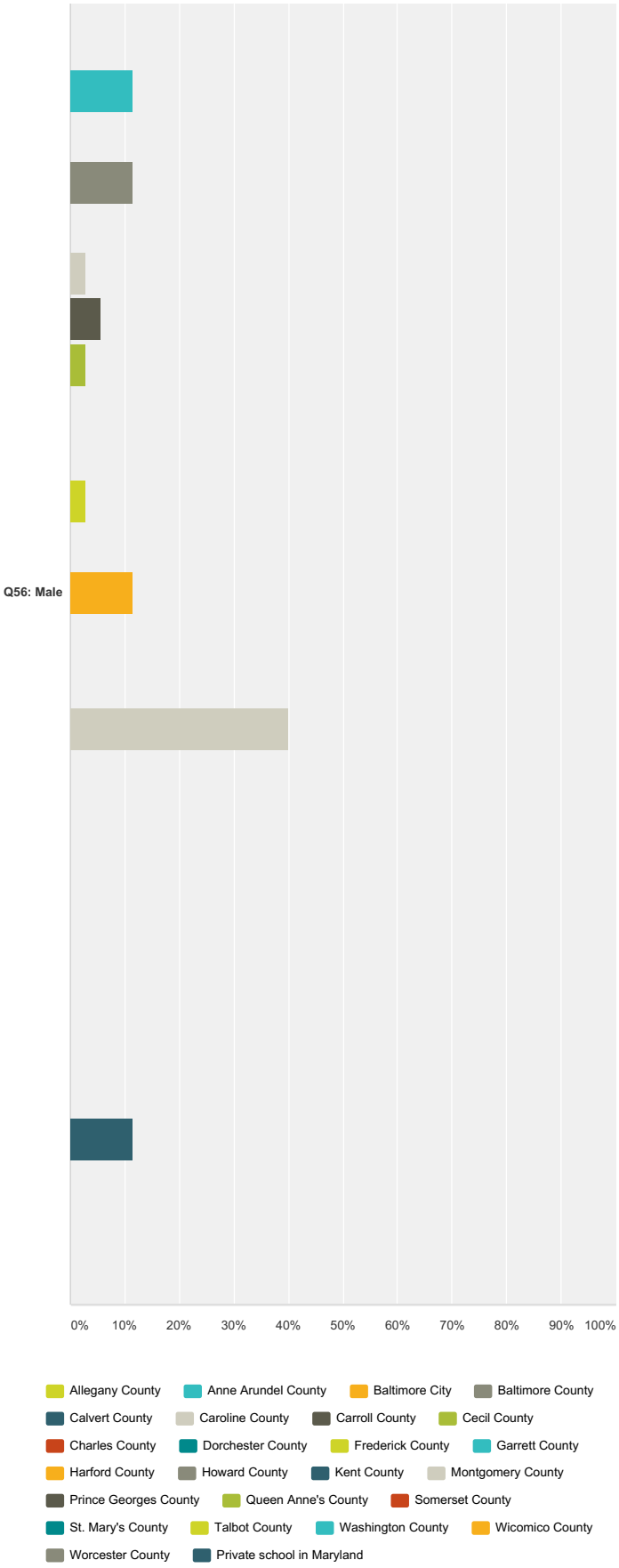


	0%	1-20%	21-40%	41-60%	61-80%	81-100%	Total
Q56: Female	**5.88%** 2	**32.35%** 11	**41.18%** 14	**11.76%** 4	**8.82%** 3	**0.00%** 0	34
Q56: Male	**17.14%** 6	**25.71%** 9	**42.86%** 15	**11.43%** 4	**0.00%** 0	**2.86%** 1	35
Total Respondents	8	20	29	8	3	1	69

Q6 In which school district is your high school located?

Answered: 69 Skipped: 0





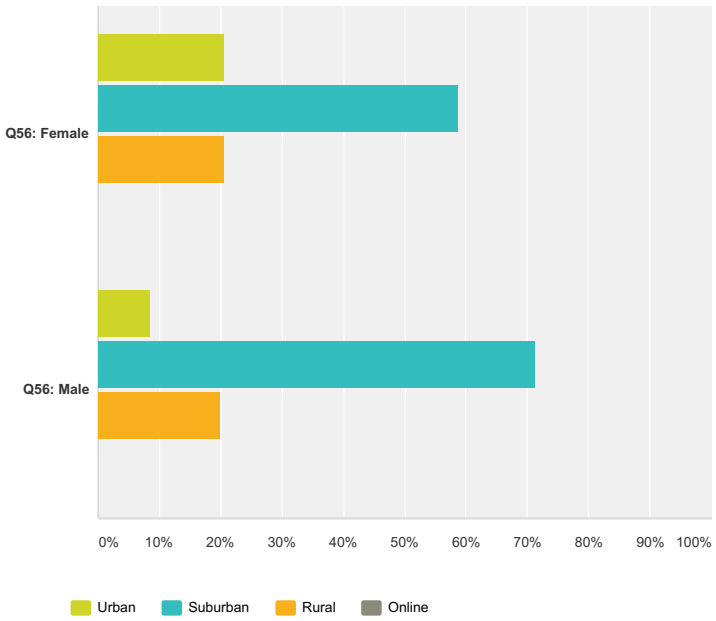
	Allegany County	Anne Arundel County	Baltimore City	Baltimore County	Calvert County	Caroline County	Carroll County	Cecil County	Charles County	Dorchester County	Frederick County	Garrett County	Harford County	Howard County	Kent County	Montgomery County

Q56: Female	**2.94%** 1	**5.88%** 2	**5.88%** 2	**14.71%** 5	**0.00%** 0	**0.00%** 0	**0.00%** 0	**0.00%** 0	**0.00%** 0	**2.94%** 1	**11.76%** 4	**2.94%** 1	**5.88%** 2	**17.65%** 6	**0.00%** 0	**11.76%** 4
Q56: Male	**0.00%** 0	**11.43%** 4	**0.00%** 0	**11.43%** 4	**0.00%** 0	**2.86%** 1	**5.71%** 2	**2.86%** 1	**0.00%** 0	**0.00%** 0	**2.86%** 1	**0.00%** 0	**11.43%** 4	**0.00%** 0	**0.00%** 0	**40.00%** 14
Total Respondents	1	6	2	9	0	1	2	1	0	1	5	1	6	6	0	18

	Other state/school district: please specify	**Total**
Q56: Female	0	0
Q56: Male	1	1

Q7 Which of the following best describes your school's location?

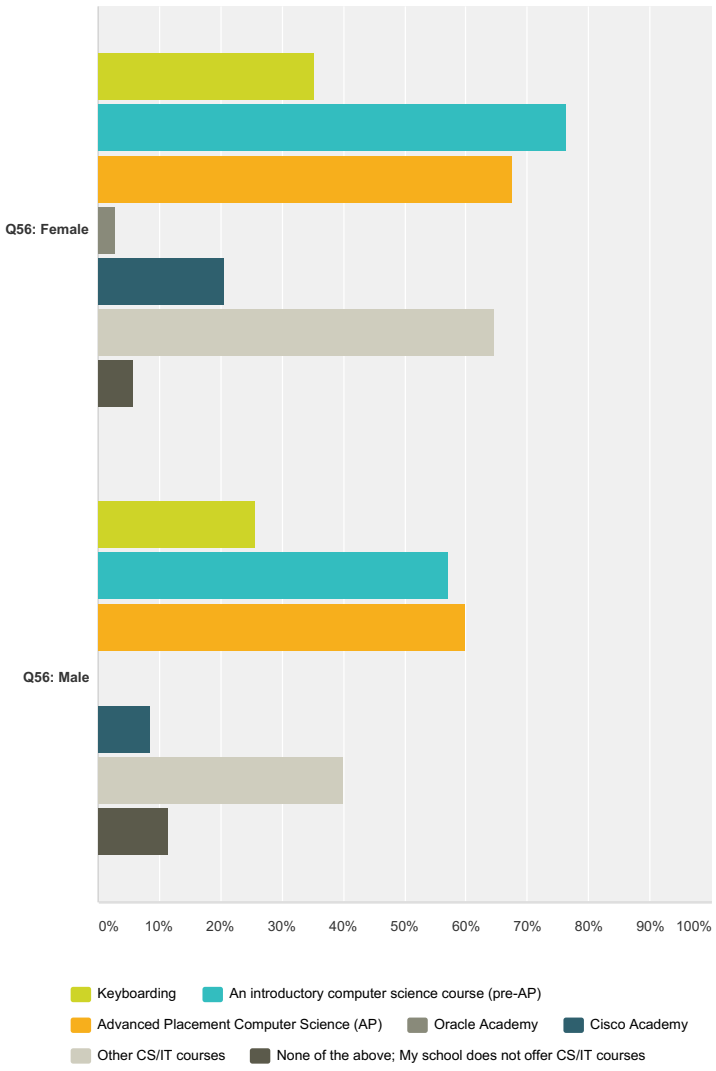
Answered: 69 Skipped: 0



	Urban	Suburban	Rural	Online	Total
Q56: Female	**20.59%** 7	**58.82%** 20	**20.59%** 7	**0.00%** 0	34
Q56: Male	**8.57%** 3	**71.43%** 25	**20.00%** 7	**0.00%** 0	35
Total Respondents	10	45	14	0	69

Q8 Which of the following are offered at your high school? (Check all that apply.)

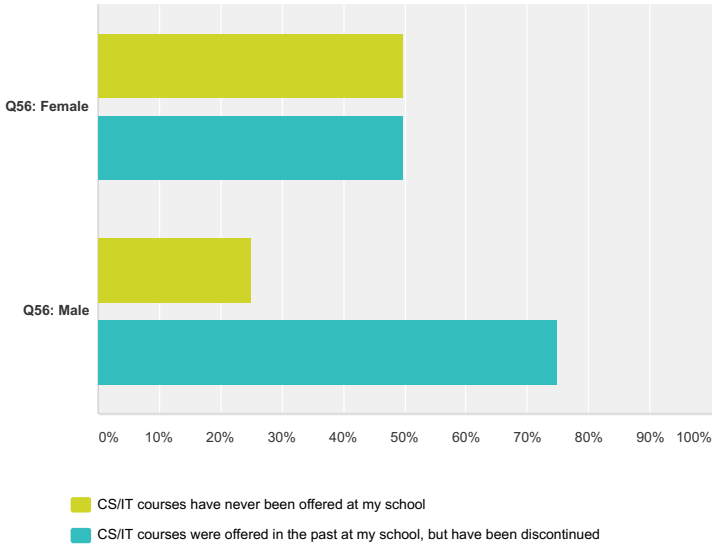
Answered: 69 Skipped: 0



	Keyboarding	An introductory computer science course (pre-AP)	Advanced Placement Computer Science (AP)	Oracle Academy	Cisco Academy	Other CS/IT courses	None of the above; My school does not offer CS/IT courses	Total
Q56: Female	**35.29%** 12	**76.47%** 26	**67.65%** 23	**2.94%** 1	**20.59%** 7	**64.71%** 22	**5.88%** 2	93
Q56: Male	**25.71%** 9	**57.14%** 20	**60.00%** 21	**0.00%** 0	**8.57%** 3	**40.00%** 14	**11.43%** 4	71
Total Respondents	21	46	44	1	10	36	6	69

Q9 Which of the following best describes CS/IT course offerings at your school?

Answered: 6 Skipped: 63

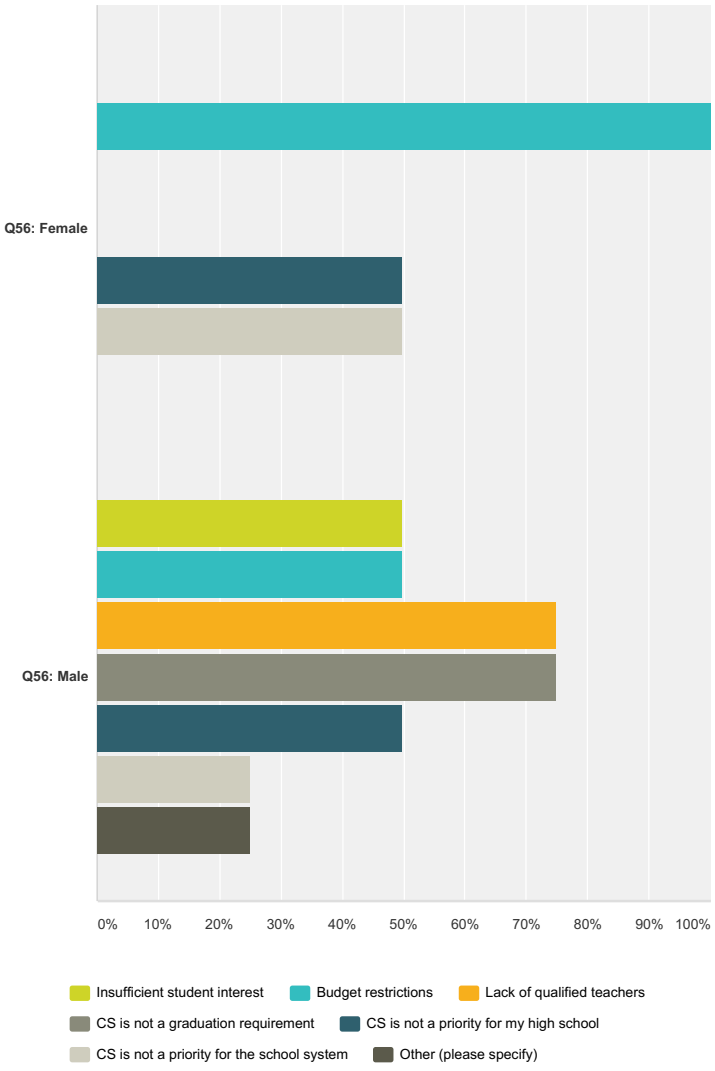


	CS/IT courses have never been offered at my school	CS/IT courses were offered in the past at my school, but have been discontinued	Total
Q56: Female	**50.00%** 1	**50.00%** 1	2
Q56: Male	**25.00%** 1	**75.00%** 3	4
Total Respondents	2	4	6

	Comments:	Total
Q56: Female	0	0
Q56: Male	3	3

Q10 What are some of the reasons why your school does not offer computer science courses? (Check all that apply.)

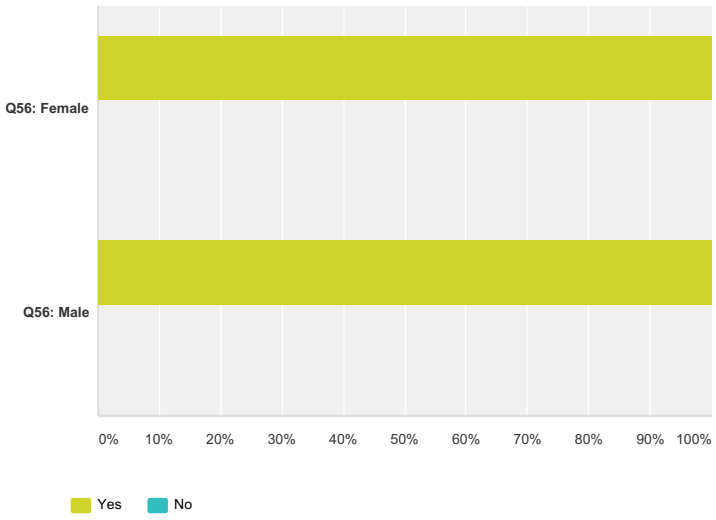
Answered: 6 Skipped: 63



	Insufficient student interest	Budget restrictions	Lack of qualified teachers	CS is not a graduation requirement	CS is not a priority for my high school	CS is not a priority for the school system	Other (please specify)	Total
Q56: Female	**0.00%** 0	**100.00%** 2	**0.00%** 0	**0.00%** 0	**50.00%** 1	**50.00%** 1	**0.00%** 0	4
Q56: Male	**50.00%** 2	**50.00%** 2	**75.00%** 3	**75.00%** 3	**50.00%** 2	**25.00%** 1	**25.00%** 1	14
Total Respondents	2	4	3	3	3	2	1	6

Q11 In your judgement, do you think that your school should offer CS courses?

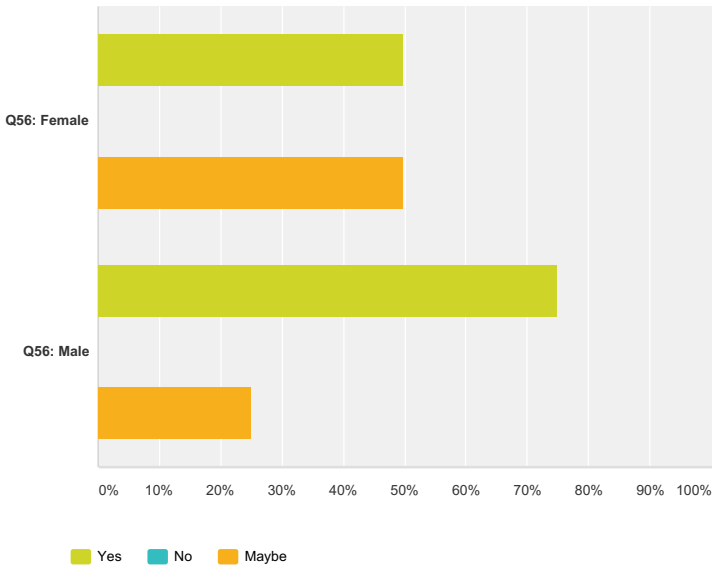
Answered: 6 Skipped: 63



	Yes	No	Total
Q56: Female	**100.00%** 2	**0.00%** 0	2
Q56: Male	**100.00%** 4	**0.00%** 0	4
Total Respondents	6	0	6

Q12 If your school offered CS/IT courses, would you be interested in teaching them?

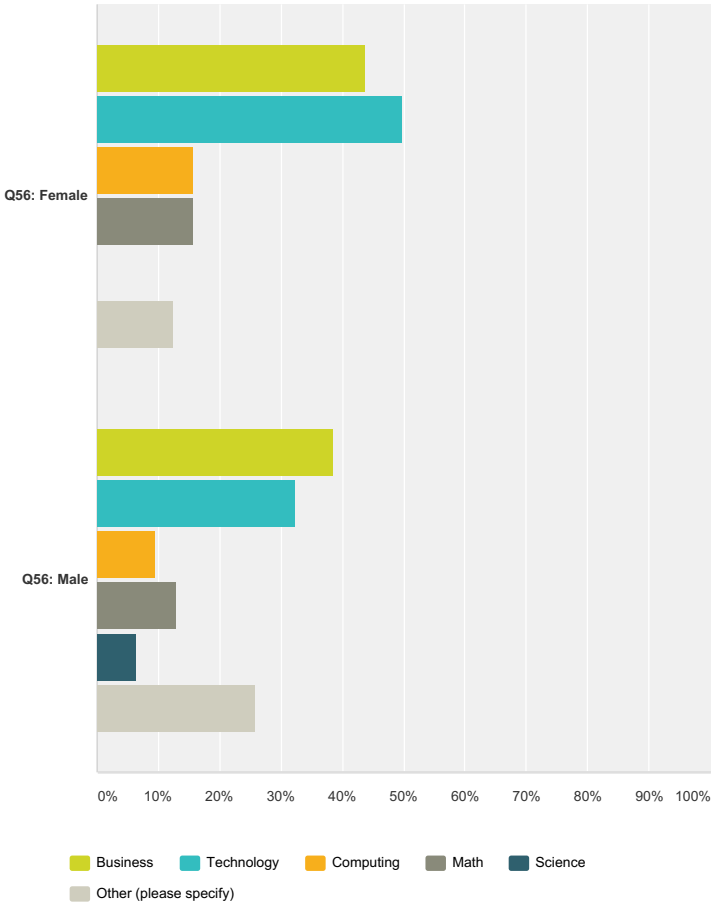
Answered: 6 Skipped: 63



	Yes	No	Maybe	Total
Q56: Female	**50.00%** 1	**0.00%** 0	**50.00%** 1	2
Q56: Male	**75.00%** 3	**0.00%** 0	**25.00%** 1	4
Total Respondents	4	0	2	6

Q13 Under what department(s) is CS offered in your school? (Check all that apply.)

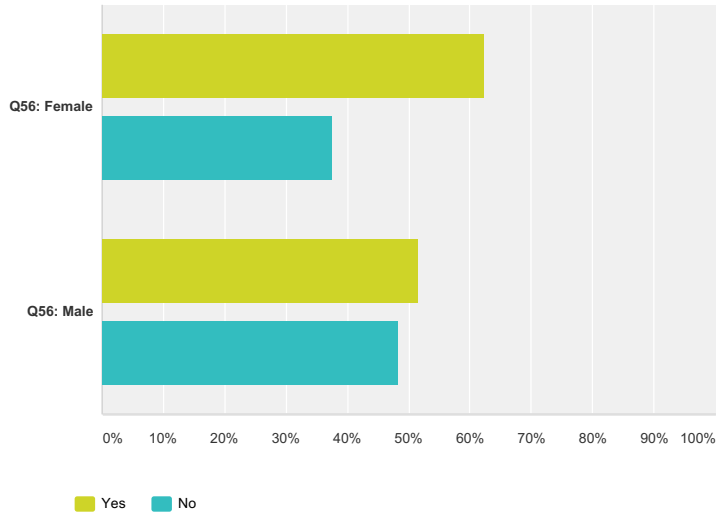
Answered: 63 Skipped: 6



	Business	Technology	Computing	Math	Science	Other (please specify)	Total
Q56: Female	**43.75%** 14	**50.00%** 16	**15.63%** 5	**15.63%** 5	**0.00%** 0	**12.50%** 4	44
Q56: Male	**38.71%** 12	**32.26%** 10	**9.68%** 3	**12.90%** 4	**6.45%** 2	**25.81%** 8	39
Total Respondents	26	26	8	9	2	12	63

Q14 Does your district or state require you to teach a specific computer science course curriculum that includes specific content and outcomes?

Answered: 63 Skipped: 6

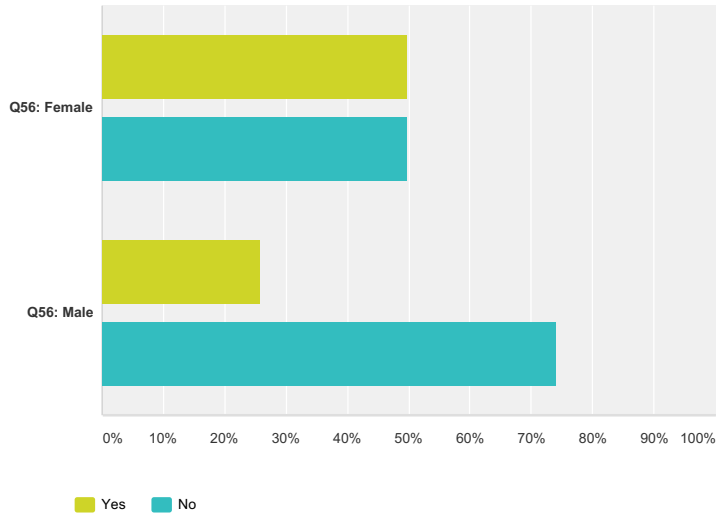


	Yes	No	Total
Q56: Female	**62.50%** 20	**37.50%** 12	32
Q56: Male	**51.61%** 16	**48.39%** 15	31
Total Respondents	36	27	63

	Comments	Total
Q56: Female	1	1
Q56: Male	4	4

Q15 Are these requirements enforced?

Answered: 63 Skipped: 6

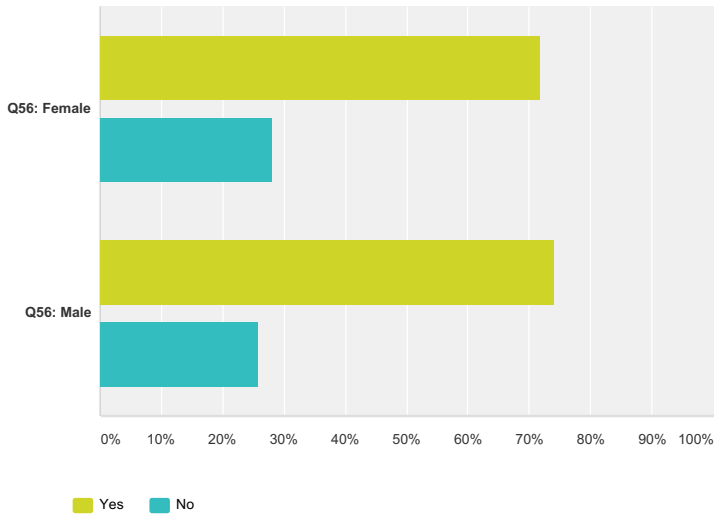


	Yes	No	Total
Q56: Female	**50.00%** 16	**50.00%** 16	32
Q56: Male	**25.81%** 8	**74.19%** 23	31
Total Respondents	24	39	63

	Comments	Total
Q56: Female	4	4
Q56: Male	1	1

Q16 Does your school offer an introductory (pre-AP) Computer Science (CS) course?

Answered: 63 Skipped: 6



	Yes	No	Total
Q56: Female	**71.88%** 23	**28.13%** 9	32
Q56: Male	**74.19%** 23	**25.81%** 8	31
Total Respondents	46	17	63

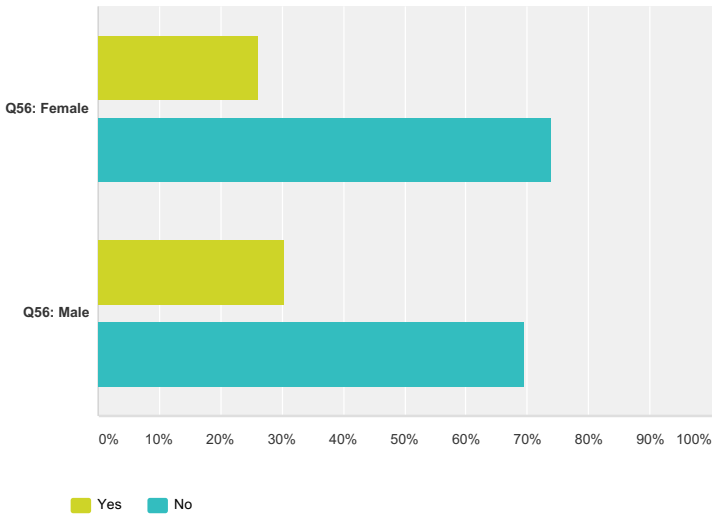
Q17 What are the title(s) of the introductory CS course(s) that are offered at your school?

Answered: 46 Skipped: 23

	What are the title(s) of the introductory CS course(s) that are offered at your school?	Total
Q56: Female	**100.00%** 23	23
Q56: Male	**100.00%** 23	23
Total Respondents	46	46

Q18 Are students required to take introductory CS?

Answered: 46 Skipped: 23

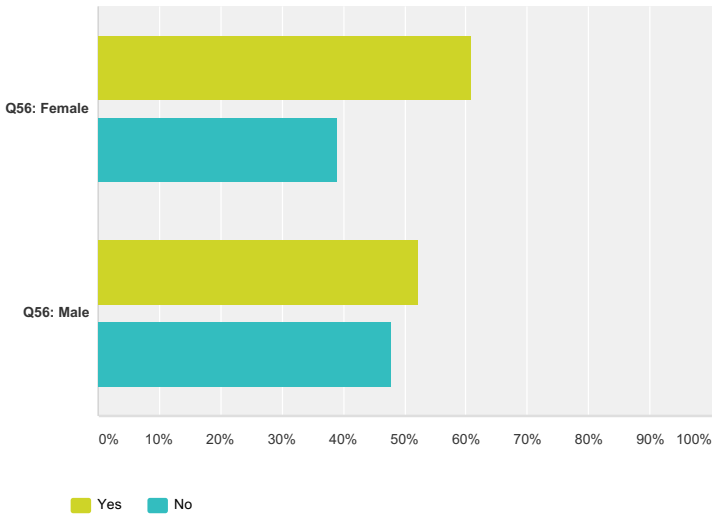


	Yes	No	Total
Q56: Female	**26.09%** 6	**73.91%** 17	23
Q56: Male	**30.43%** 7	**69.57%** 16	23
Total Respondents	13	33	46

	Comments	Total
Q56: Female	6	6
Q56: Male	6	6

Q19 Does the CS introductory course offered in your school have prerequisites?

Answered: 46 Skipped: 23

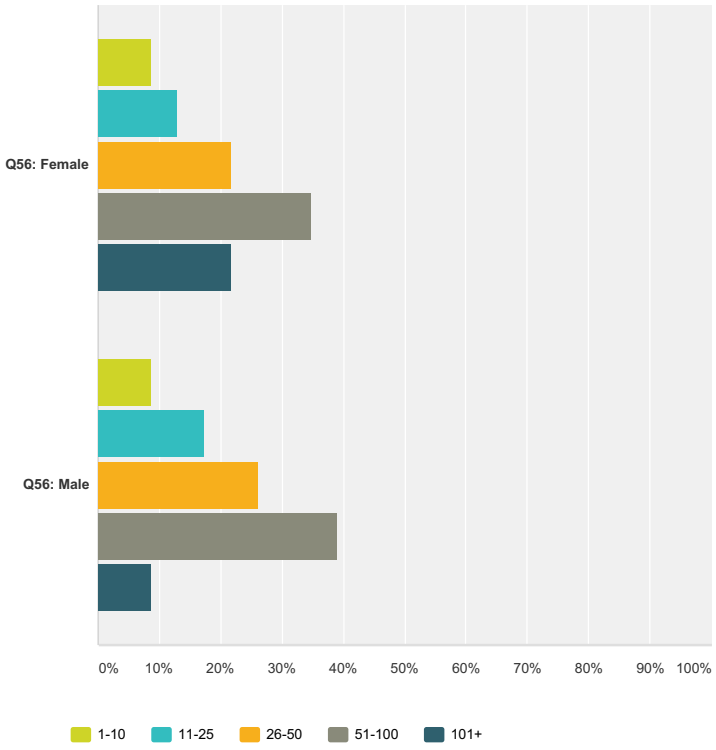


	Yes	No	Total
Q56: Female	**60.87%** 14	**39.13%** 9	23
Q56: Male	**52.17%** 12	**47.83%** 11	23
Total Respondents	26	20	46

	If yes, what are the prerequisites?	Total
Q56: Female	13	13
Q56: Male	13	13

Q20 How many students are enrolled in introductory CS this year at your high school?

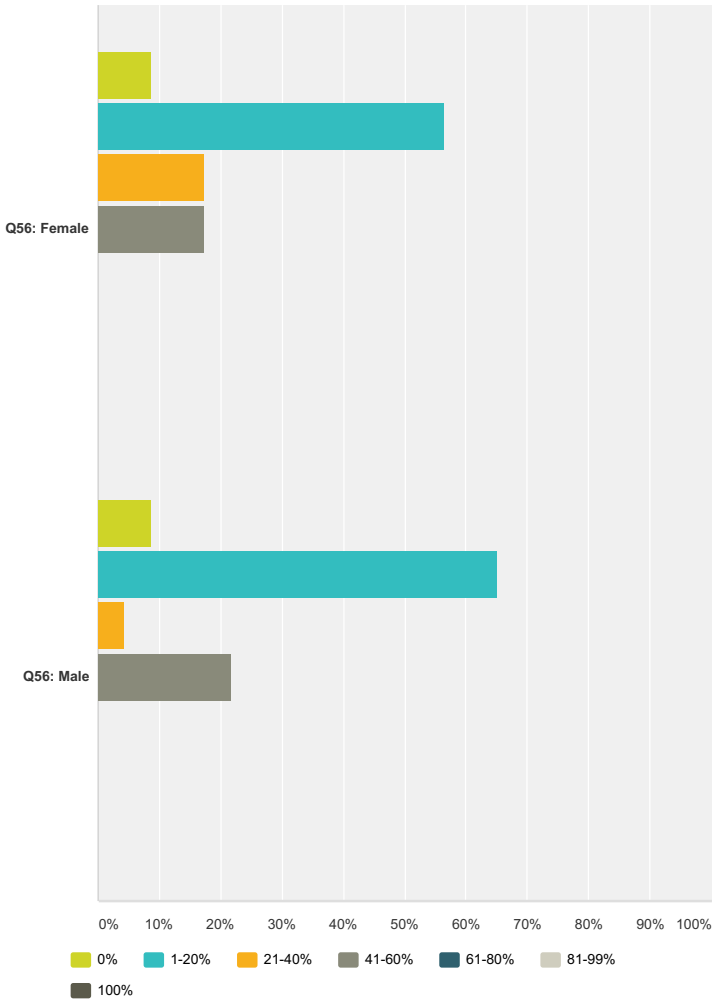
Answered: 46 Skipped: 23



	1-10	11-25	26-50	51-100	101+	Total
Q56: Female	**8.70%** 2	**13.04%** 3	**21.74%** 5	**34.78%** 8	**21.74%** 5	23
Q56: Male	**8.70%** 2	**17.39%** 4	**26.09%** 6	**39.13%** 9	**8.70%** 2	23
Total Respondents	4	7	11	17	7	46

Q21 What approximate percentage of students enrolled in introductory CS are female?

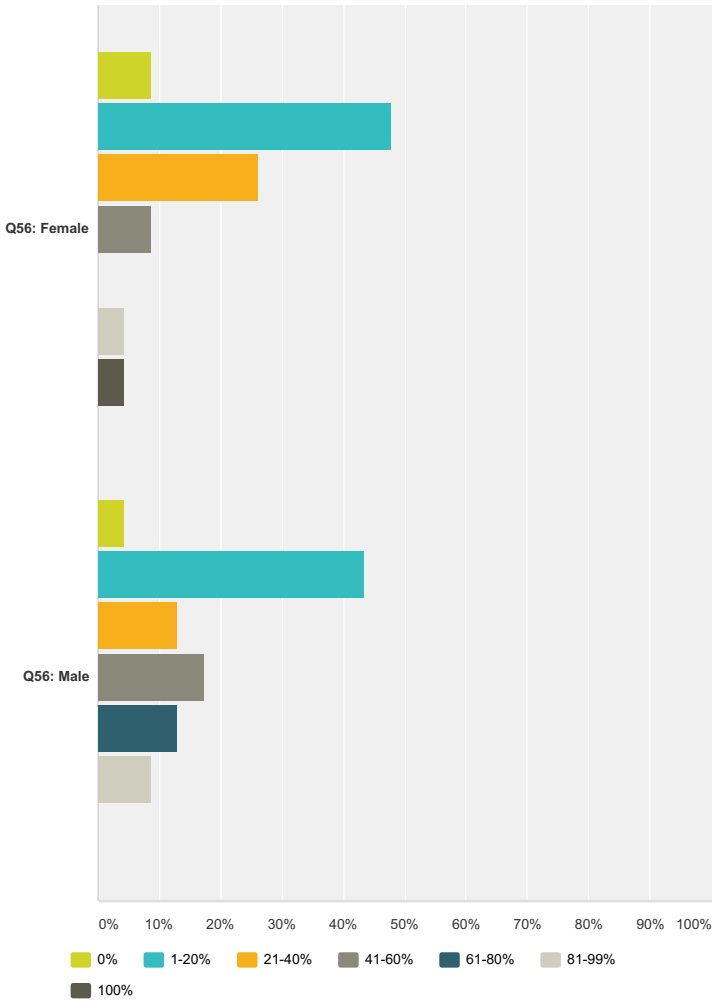
Answered: 46 Skipped: 23



	0%	1-20%	21-40%	41-60%	61-80%	81-99%	100%	Total
Q56: Female	**8.70%** 2	**56.52%** 13	**17.39%** 4	**17.39%** 4	**0.00%** 0	**0.00%** 0	**0.00%** 0	23
Q56: Male	**8.70%** 2	**65.22%** 15	**4.35%** 1	**21.74%** 5	**0.00%** 0	**0.00%** 0	**0.00%** 0	23
Total Respondents	4	28	5	9	0	0	0	46

Q22 What approximate percentage of students enrolled in introductory CS are members of an ethnic minority?

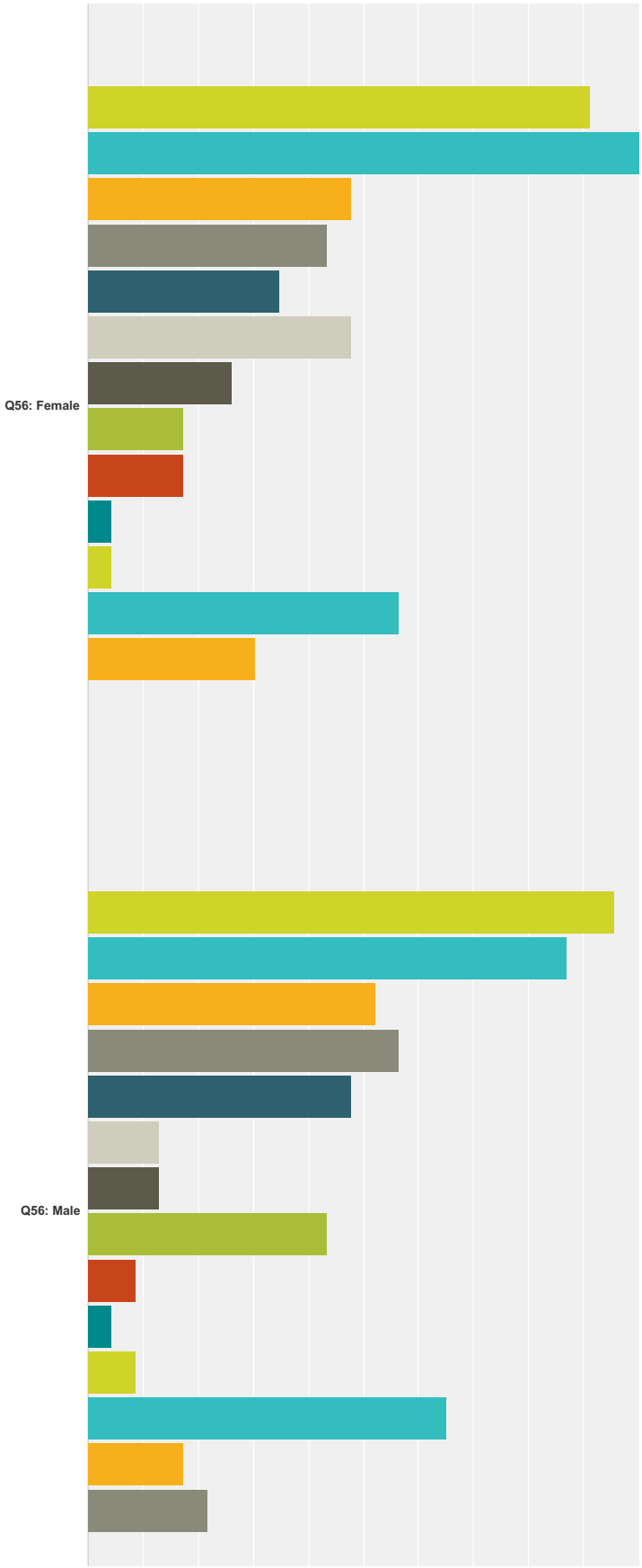
Answered: 46 Skipped: 23

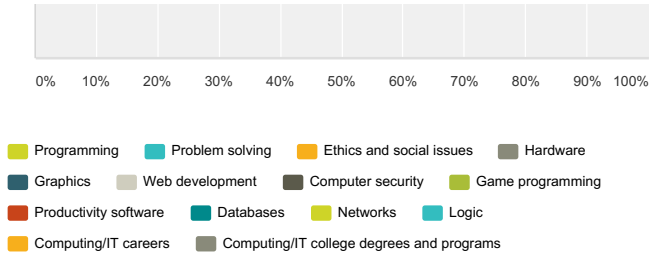


	0%	1-20%	21-40%	41-60%	61-80%	81-99%	100%	Total
Q56: Female	**8.70%** 2	**47.83%** 11	**26.09%** 6	**8.70%** 2	**0.00%** 0	**4.35%** 1	**4.35%** 1	23
Q56: Male	**4.35%** 1	**43.48%** 10	**13.04%** 3	**17.39%** 4	**13.04%** 3	**8.70%** 2	**0.00%** 0	23
Total Respondents	3	21	9	6	3	3	1	46

Q23 What content is covered in introductory CS? (Check all that apply.)

Answered: 46 Skipped: 23

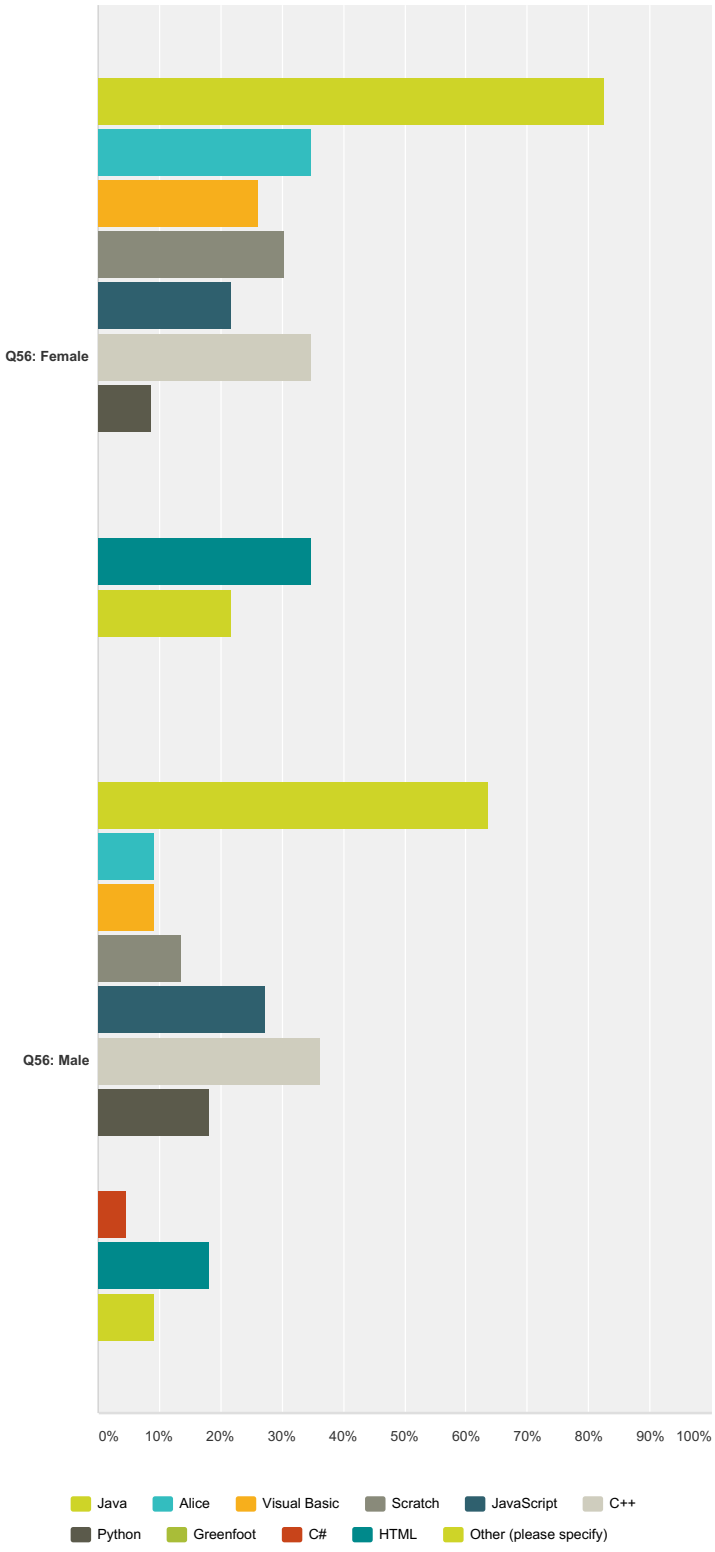




	Programming	Problem solving	Ethics and social issues	Hardware	Graphics	Web development	Computer security	Game programming	Productivity software	Databases	Networks	Logic	Computing/IT careers	Comput college degrees program
Q56: Female	**91.30%** 21	**100.00%** 23	**47.83%** 11	**43.48%** 10	**34.78%** 8	**47.83%** 11	**26.09%** 6	**17.39%** 4	**17.39%** 4	**4.35%** 1	**4.35%** 1	**56.52%** 13	**30.43%** 7	
Q56: Male	**95.65%** 22	**86.96%** 20	**52.17%** 12	**56.52%** 13	**47.83%** 11	**13.04%** 3	**13.04%** 3	**43.48%** 10	**8.70%** 2	**4.35%** 1	**8.70%** 2	**65.22%** 15	**17.39%** 4	**2**
Total Respondents	43	43	23	23	19	14	9	14	6	2	3	28	11	5

Q24 What programming languages/software tools are used in introductory CS? (Check all that apply.)

Answered: 45 Skipped: 24

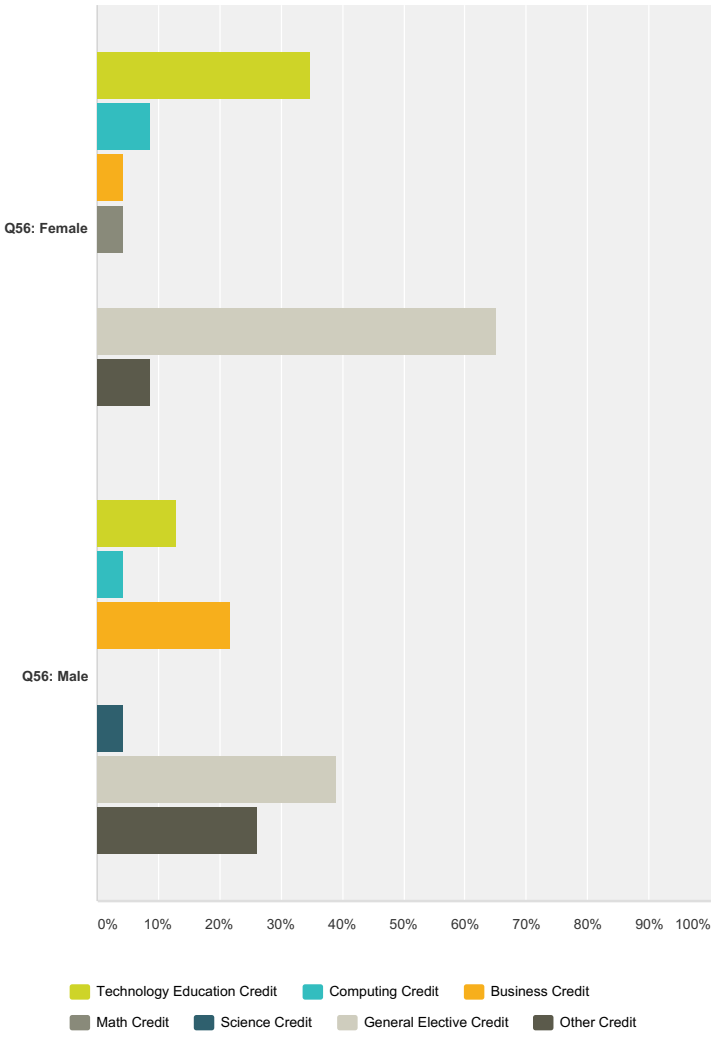


	Java	Alice	Visual Basic	Scratch	JavaScript	C++	Python	Greenfoot	C#	HTML	Other (please specify)	Total

Q56: Female	**82.61%** 19	**34.78%** 8	**26.09%** 6	**30.43%** 7	**21.74%** 5	**34.78%** 8	**8.70%** 2	**0.00%** 0	**0.00%** 0	**34.78%** 8	**21.74%** 5	68
Q56: Male	**63.64%** 14	**9.09%** 2	**9.09%** 2	**13.64%** 3	**27.27%** 6	**36.36%** 8	**18.18%** 4	**0.00%** 0	**4.55%** 1	**18.18%** 4	**9.09%** 2	46
Total Respondents	33	10	8	10	11	16	6	0	1	12	7	45

Q25 What type of credit is earned by the introductory CS (pre-AP) courses? (Check all that apply.)

Answered: 46 Skipped: 23

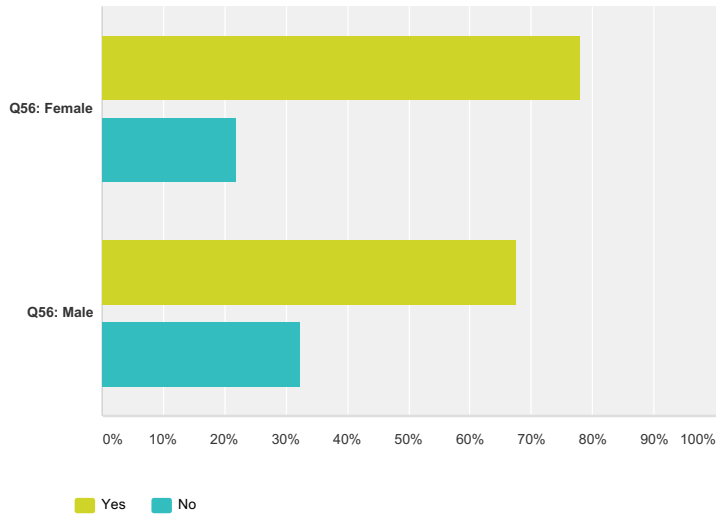


	Technology Education Credit	Computing Credit	Business Credit	Math Credit	Science Credit	General Elective Credit	Other Credit	Total
Q56: Female	**34.78%** 8	**8.70%** 2	**4.35%** 1	**4.35%** 1	**0.00%** 0	**65.22%** 15	**8.70%** 2	29
Q56: Male	**13.04%** 3	**4.35%** 1	**21.74%** 5	**0.00%** 0	**4.35%** 1	**39.13%** 9	**26.09%** 6	25
Total Respondents	11	3	6	1	1	24	8	46

	Other (please specify)	Total
Q56: Female	3	3
Q56: Male	6	6

Q26 Does your school offer AP Computer Science?

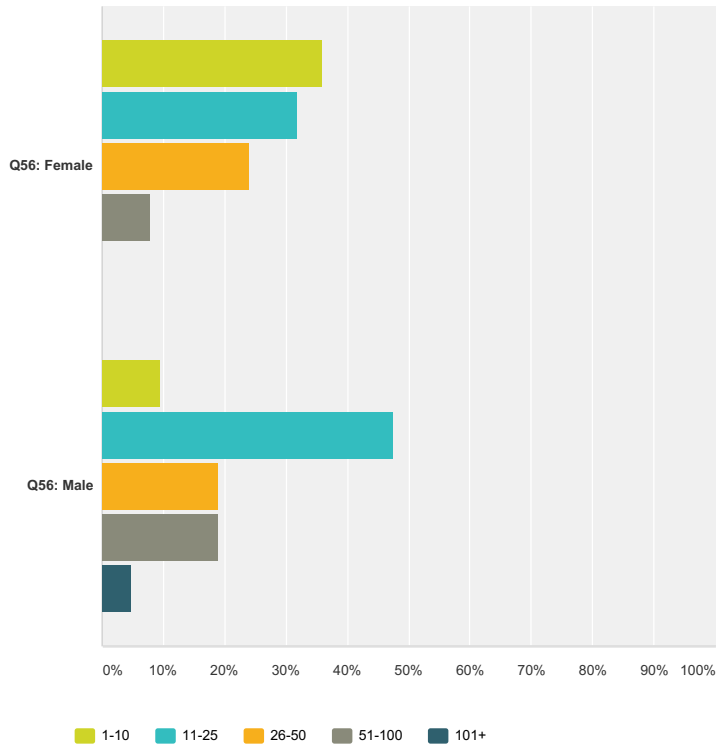
Answered: 63 Skipped: 6



	Yes	No	Total
Q56: Female	**78.13%** 25	**21.88%** 7	32
Q56: Male	**67.74%** 21	**32.26%** 10	31
Total Respondents	46	17	63

Q27 How many students take AP CS each year?

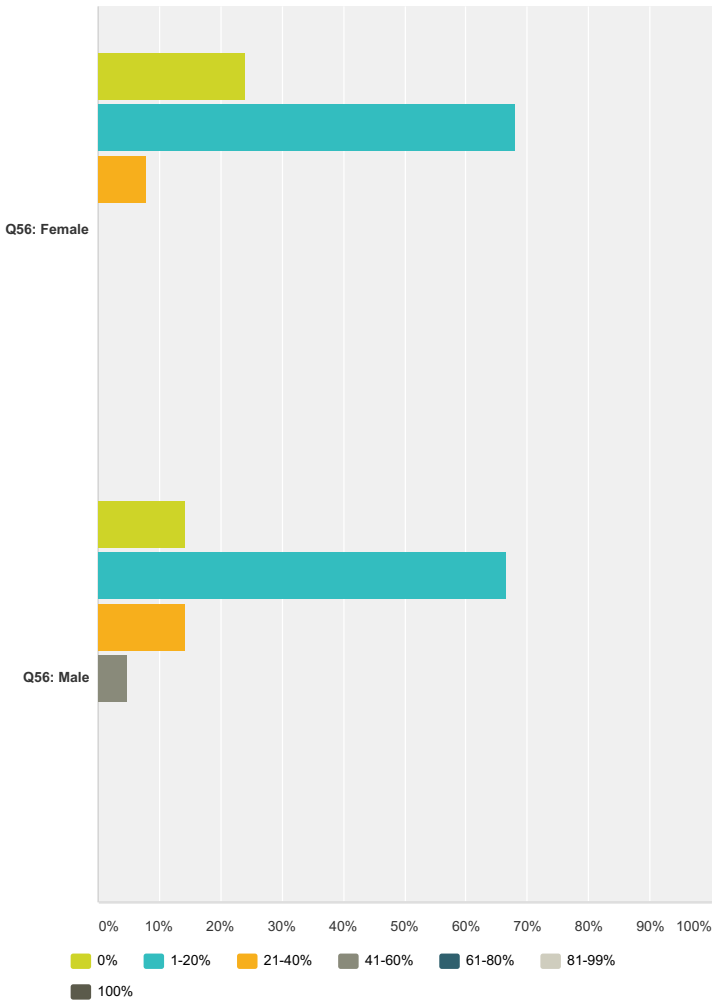
Answered: 46 Skipped: 23



	1-10	11-25	26-50	51-100	101+	Total
Q56: Female	**36.00%** 9	**32.00%** 8	**24.00%** 6	**8.00%** 2	**0.00%** 0	25
Q56: Male	**9.52%** 2	**47.62%** 10	**19.05%** 4	**19.05%** 4	**4.76%** 1	21
Total Respondents	11	18	10	6	1	46

Q28 What percentage of students enrolled in AP CS are female?

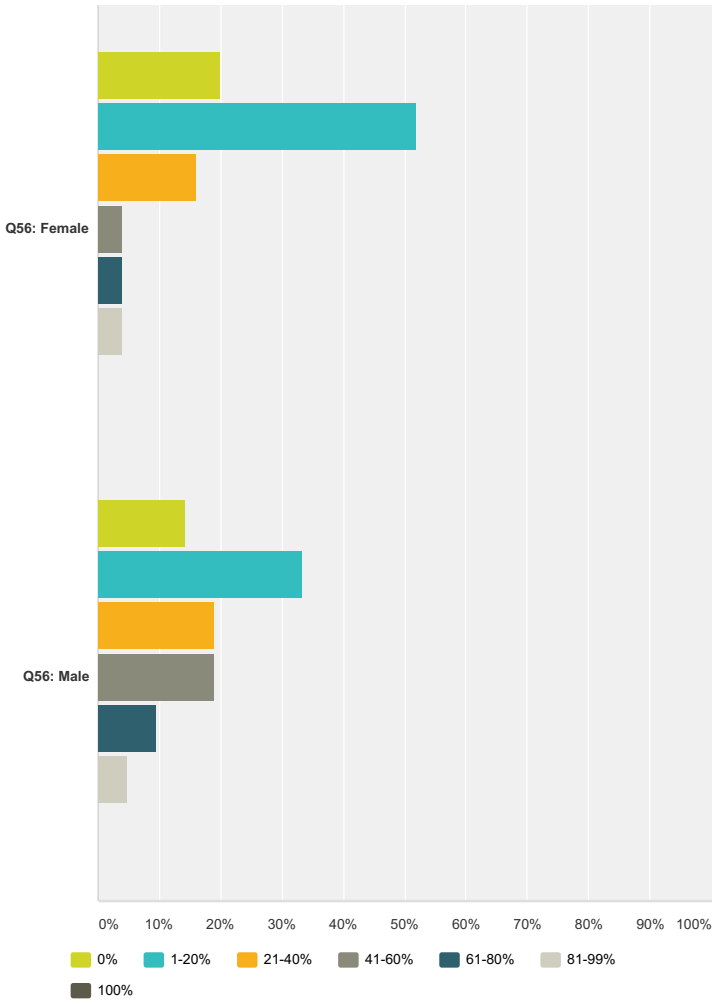
Answered: 46 Skipped: 23



	0%	1-20%	21-40%	41-60%	61-80%	81-99%	100%	Total
Q56: Female	**24.00%** 6	**68.00%** 17	**8.00%** 2	**0.00%** 0	**0.00%** 0	**0.00%** 0	**0.00%** 0	25
Q56: Male	**14.29%** 3	**66.67%** 14	**14.29%** 3	**4.76%** 1	**0.00%** 0	**0.00%** 0	**0.00%** 0	21
Total Respondents	9	31	5	1	0	0	0	46

Q29 What percentage of students enrolled in AP CS are members of an ethnic minority?

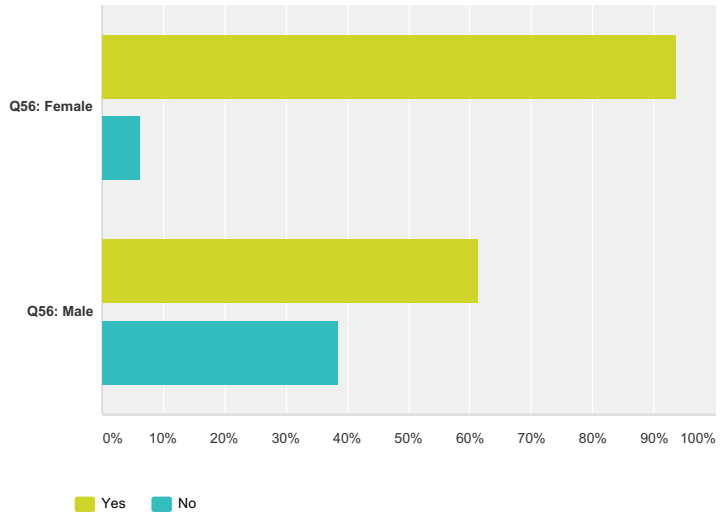
Answered: 46 Skipped: 23



	0%	1-20%	21-40%	41-60%	61-80%	81-99%	100%	Total
Q56: Female	**20.00%** 5	**52.00%** 13	**16.00%** 4	**4.00%** 1	**4.00%** 1	**4.00%** 1	**0.00%** 0	25
Q56: Male	**14.29%** 3	**33.33%** 7	**19.05%** 4	**19.05%** 4	**9.52%** 2	**4.76%** 1	**0.00%** 0	21
Total Respondents	8	20	8	5	3	2	0	46

Q30 Does your school offer CS/IT courses other than introductory and AP Computer Science?

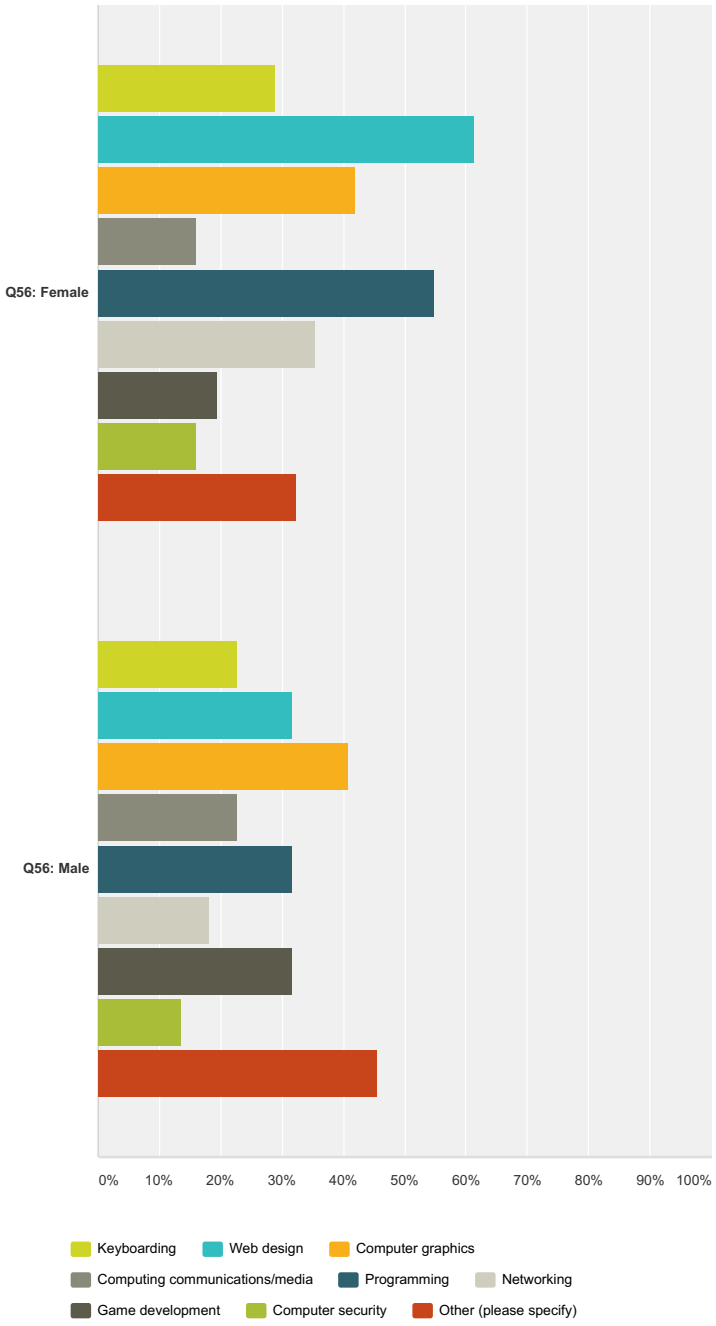
Answered: 63 Skipped: 6



	Yes	No	Total
Q56: Female	**93.75%** 30	**6.25%** 2	32
Q56: Male	**61.29%** 19	**38.71%** 12	31
Total Respondents	49	14	63

Q31 If your school offers other CS/IT courses, which of the following are offered? (Check all that apply.)

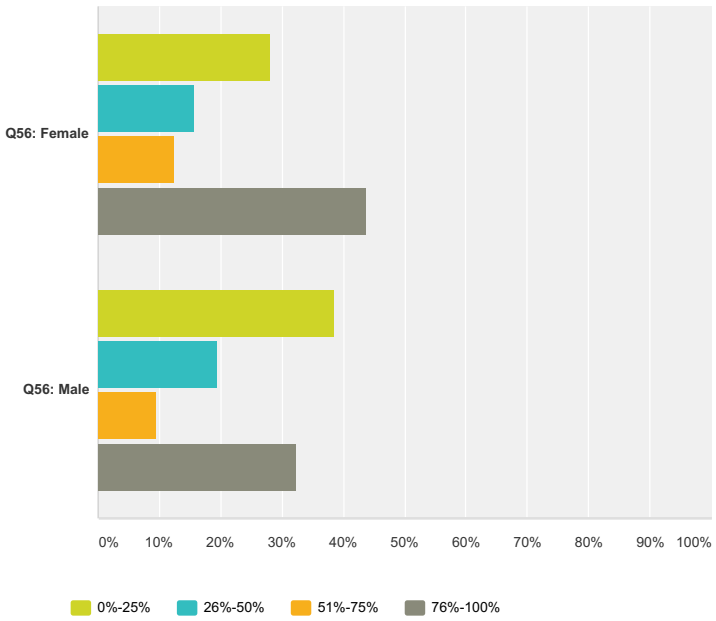
Answered: 53 Skipped: 16



	Keyboarding	Web design	Computer graphics	Computing communications/media	Programming	Networking	Game development	Computer security	Other (please specify)	Total
Q56: Female	**29.03%** 9	**61.29%** 19	**41.94%** 13	**16.13%** 5	**54.84%** 17	**35.48%** 11	**19.35%** 6	**16.13%** 5	**32.26%** 10	95
Q56: Male	**22.73%** 5	**31.82%** 7	**40.91%** 9	**22.73%** 5	**31.82%** 7	**18.18%** 4	**31.82%** 7	**13.64%** 3	**45.45%** 10	57
Total Respondents	14	26	22	10	24	15	13	8	20	53

Q32 In a typical year, what percentage of the courses you teach are CS/IT courses?

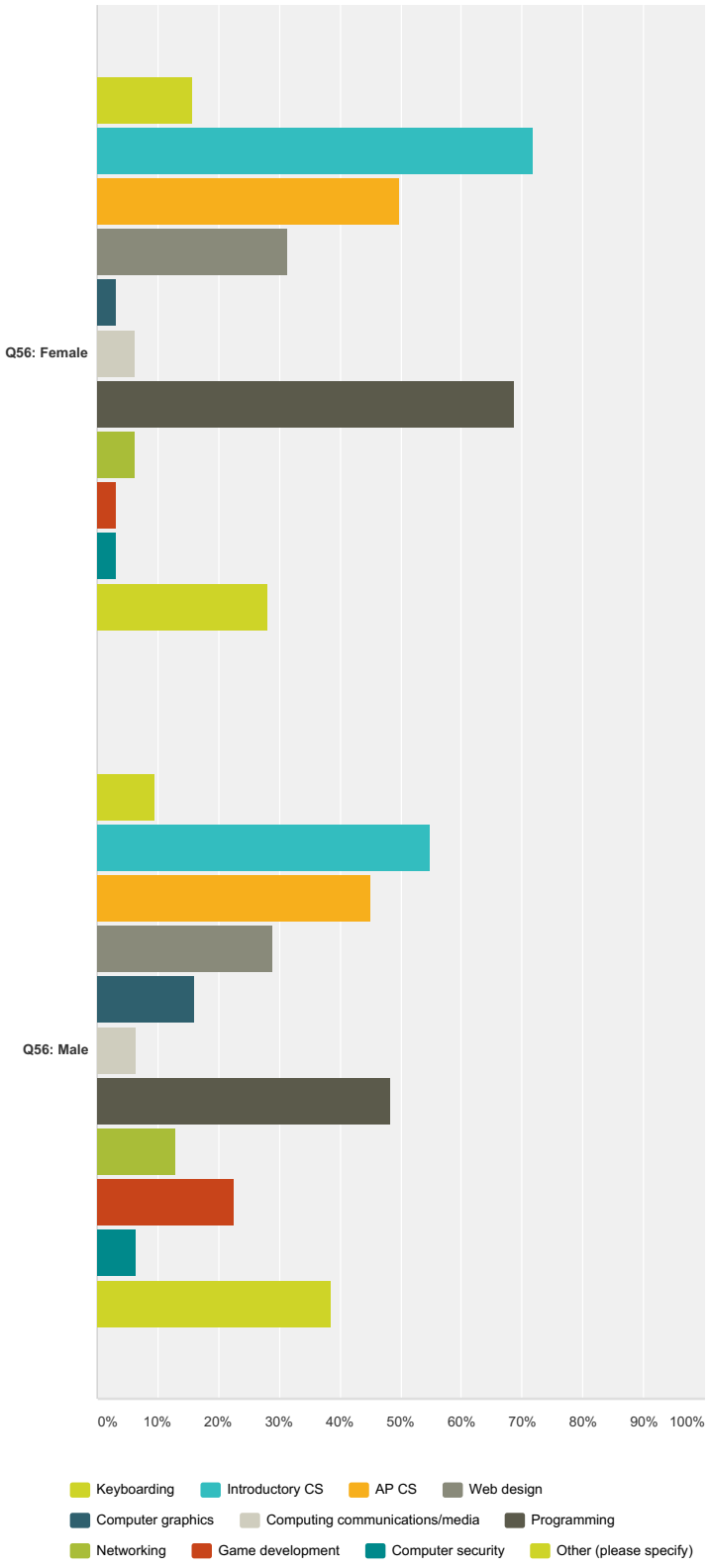
Answered: 63 Skipped: 6



	0%-25%	26%-50%	51%-75%	76%-100%	Total
Q56: Female	**28.13%** 9	**15.63%** 5	**12.50%** 4	**43.75%** 14	32
Q56: Male	**38.71%** 12	**19.35%** 6	**9.68%** 3	**32.26%** 10	31
Total Respondents	21	11	7	24	63

Q33 Which of the following courses have you taught in the past three years? (Check all that apply.)

Answered: 63 Skipped: 6

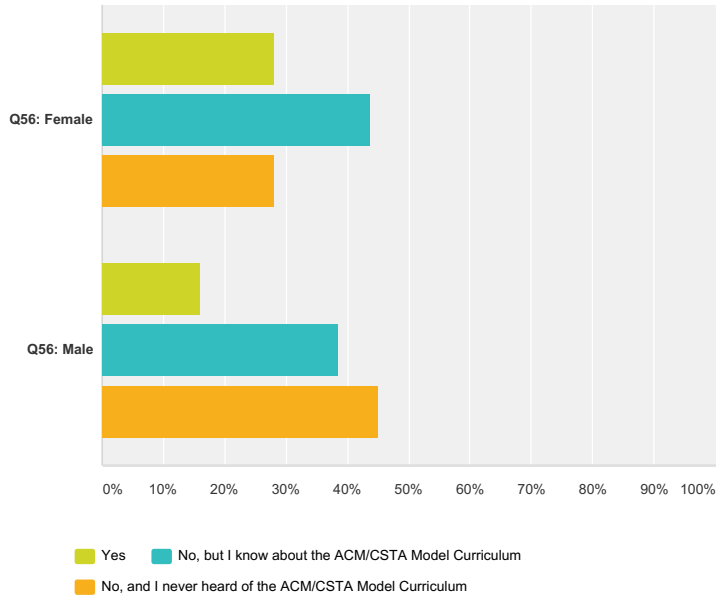


	Keyboarding	Introductory CS	AP CS	Web design	Computer graphics	Computing communications/media	Programming	Networking	Game development	Computer security	Other (please specify)	Total

Q56: Female	**15.63%** 5	**71.88%** 23	**50.00%** 16	**31.25%** 10	**3.13%** 1	**6.25%** 2	**68.75%** 22	**6.25%** 2	**3.13%** 1	**3.13%** 1	**28.13%** 9	92
Q56: Male	**9.68%** 3	**54.84%** 17	**45.16%** 14	**29.03%** 9	**16.13%** 5	**6.45%** 2	**48.39%** 15	**12.90%** 4	**22.58%** 7	**6.45%** 2	**38.71%** 12	90
Total Respondents	8	40	30	19	6	4	37	6	8	3	21	63

Q34 Do you use all or part of the standard curriculum as outlined in the ACM/CSTA Model Curriculum for K-12 Computer Science?

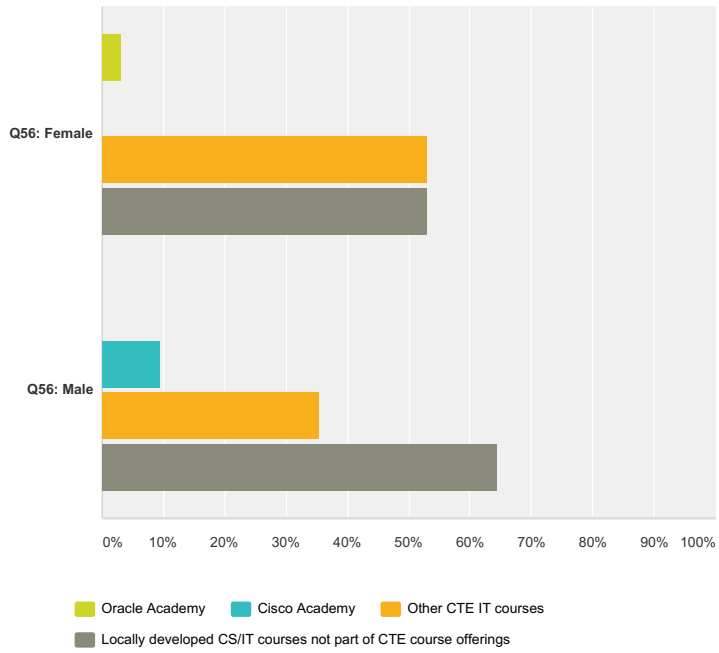
Answered: 63 Skipped: 6



	Yes	No, but I know about the ACM/CSTA Model Curriculum	No, and I never heard of the ACM/CSTA Model Curriculum	Total
Q56: Female	**28.13%** 9	**43.75%** 14	**28.13%** 9	32
Q56: Male	**16.13%** 5	**38.71%** 12	**45.16%** 14	31
Total Respondents	14	26	23	63

Q35 Are the courses that you teach part of any of the following? (Check all that apply.)

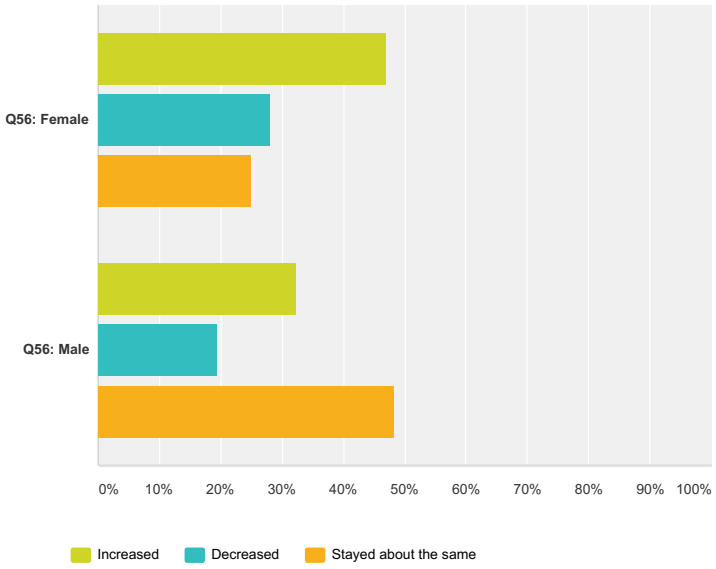
Answered: 63 Skipped: 6



	Oracle Academy	Cisco Academy	Other CTE IT courses	Locally developed CS/IT courses not part of CTE course offerings	Total
Q56: Female	**3.13%** 1	**0.00%** 0	**53.13%** 17	**53.13%** 17	35
Q56: Male	**0.00%** 0	**9.68%** 3	**35.48%** 11	**64.52%** 20	34
Total Respondents	1	3	28	37	63

Q36 How has the number of CS/IT classes (total number of sections) taught at your school changed over the past three (3) years?

Answered: 63 Skipped: 6

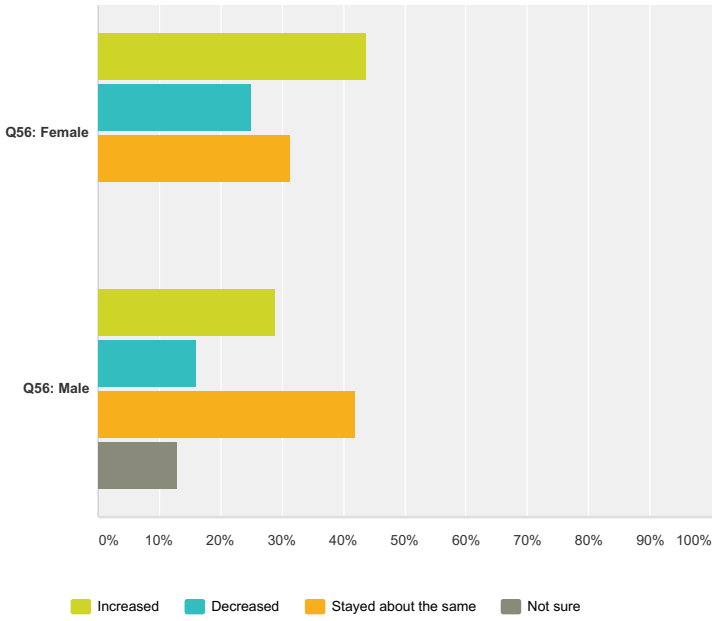


	Increased	Decreased	Stayed about the same	Total
Q56: Female	**46.88%** 15	**28.13%** 9	**25.00%** 8	32
Q56: Male	**32.26%** 10	**19.35%** 6	**48.39%** 15	31
Total Respondents	25	15	23	63

	Comments:	Total
Q56: Female	5	5
Q56: Male	2	2

Q37 How has the number of students taking CS/IT classes changed in the last three years?

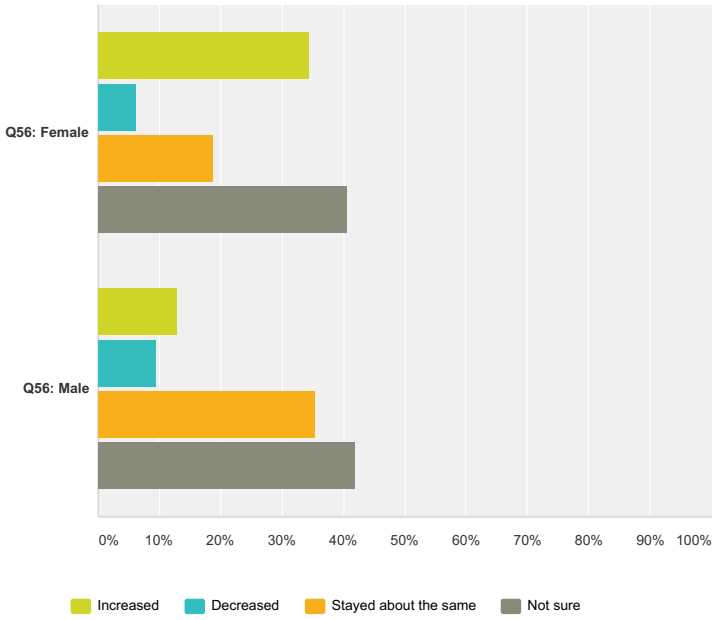
Answered: 63 Skipped: 6



	Increased	Decreased	Stayed about the same	Not sure	Total
Q56: Female	**43.75%** 14	**25.00%** 8	**31.25%** 10	**0.00%** 0	32
Q56: Male	**29.03%** 9	**16.13%** 5	**41.94%** 13	**12.90%** 4	31
Total Respondents	23	13	23	4	63

Q38 Has the number of students who request to take CS/IT classes but are not placed into those classes changed in the last three years?

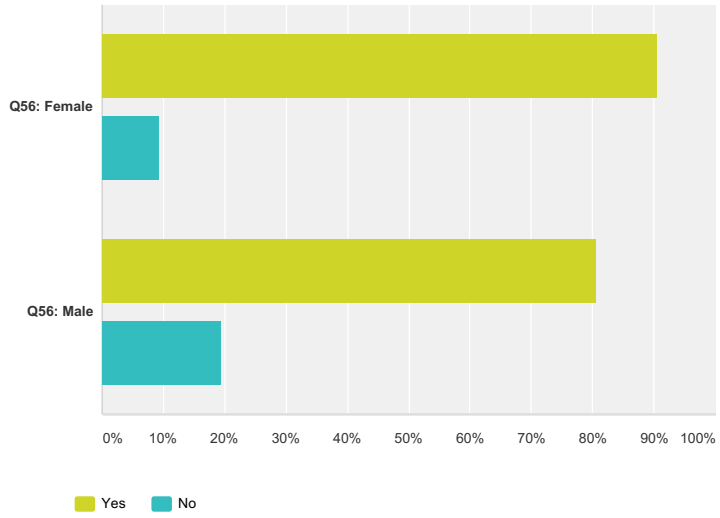
Answered: 63 Skipped: 6



	Increased	Decreased	Stayed about the same	Not sure	Total
Q56: Female	**34.38%** 11	**6.25%** 2	**18.75%** 6	**40.63%** 13	32
Q56: Male	**12.90%** 4	**9.68%** 3	**35.48%** 11	**41.94%** 13	31
Total Respondents	15	5	17	26	63

Q39 In your judgement, do you think there are students who should be taking CS course(s) that your school offers, but who are not?

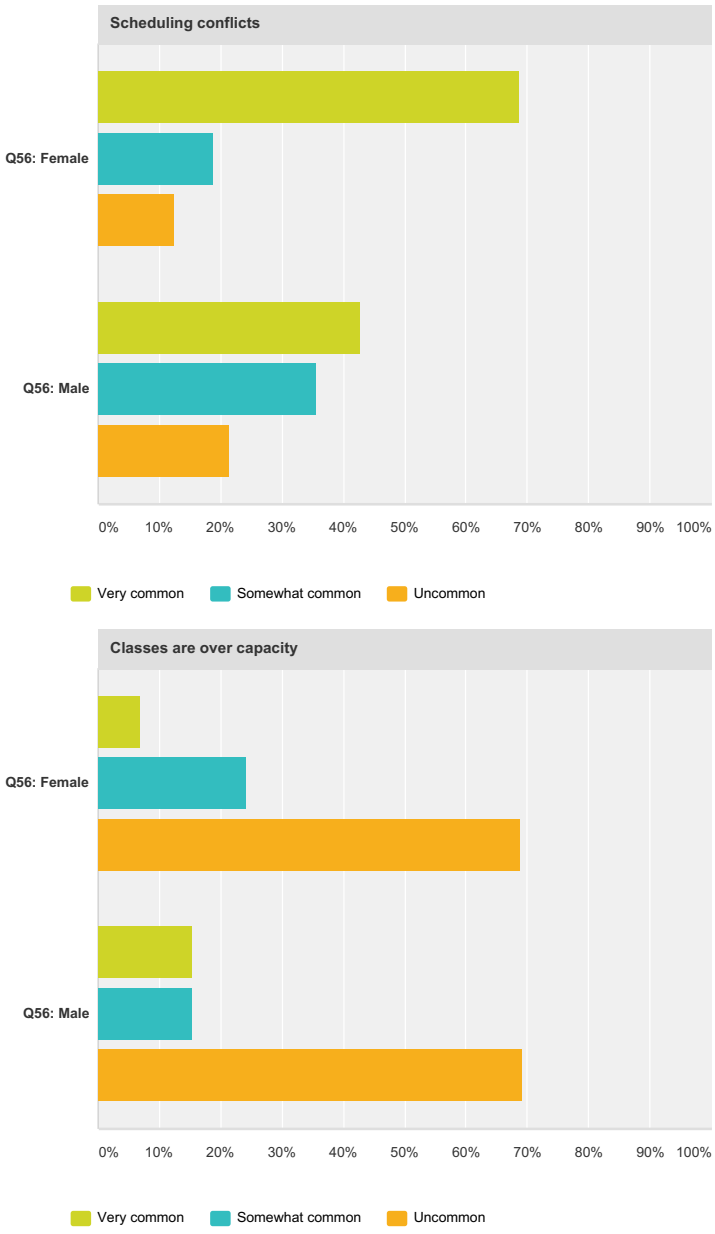
Answered: 63 Skipped: 6

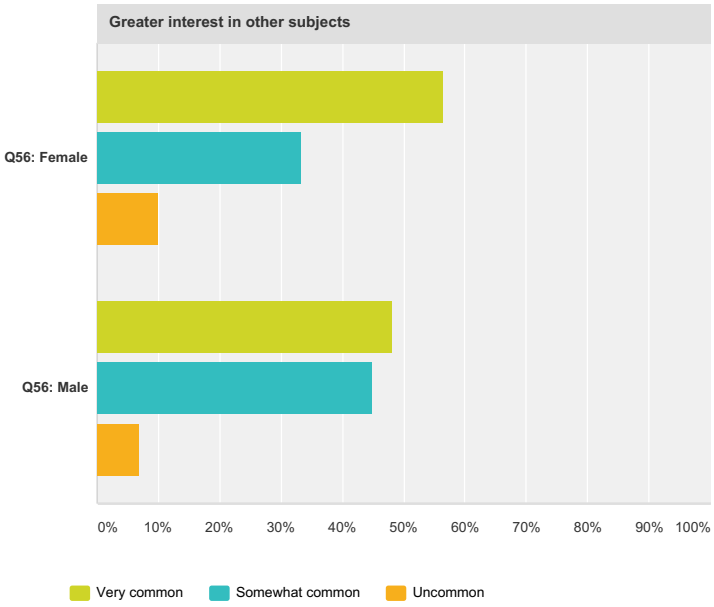


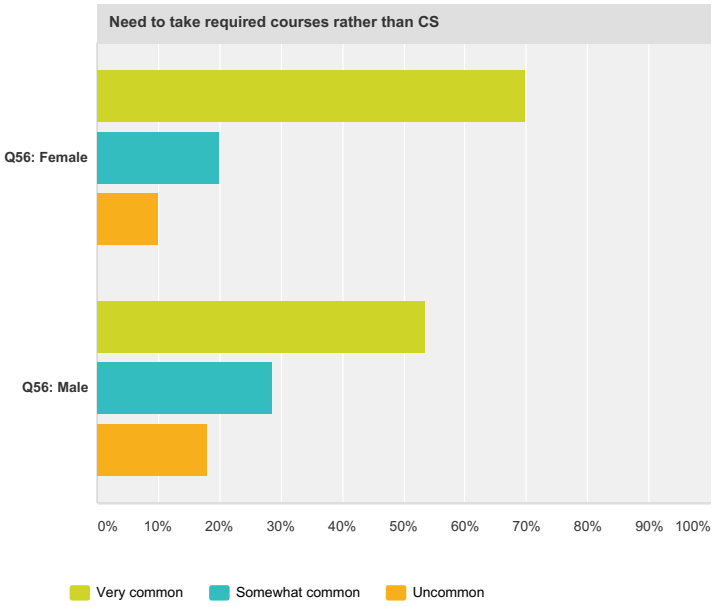
	Yes	No	Total
Q56: Female	**90.63%** 29	**9.38%** 3	32
Q56: Male	**80.65%** 25	**19.35%** 6	31
Total Respondents	54	9	63

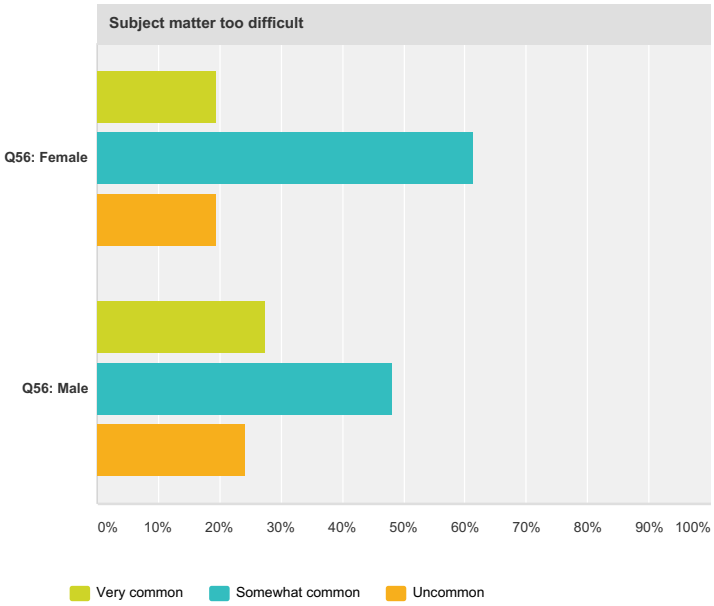
Q40 Why are these students not taking the CS courses your school offers? (Rate each reason.)

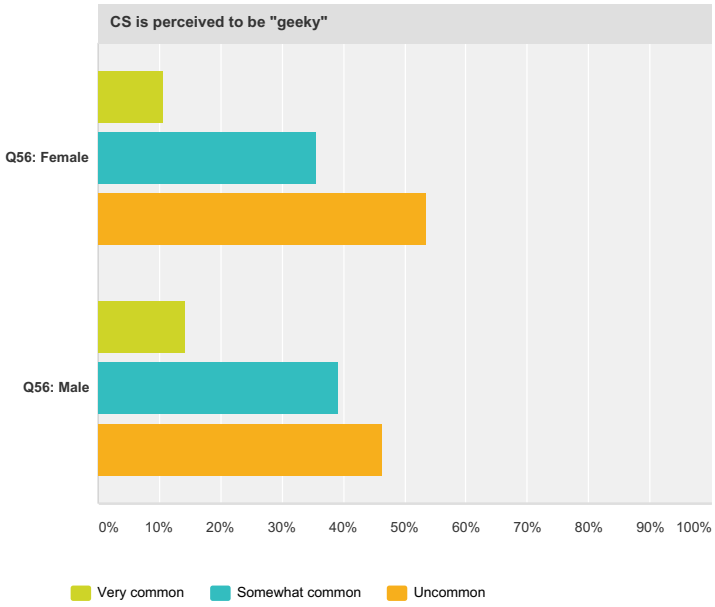
Answered: 63 Skipped: 6

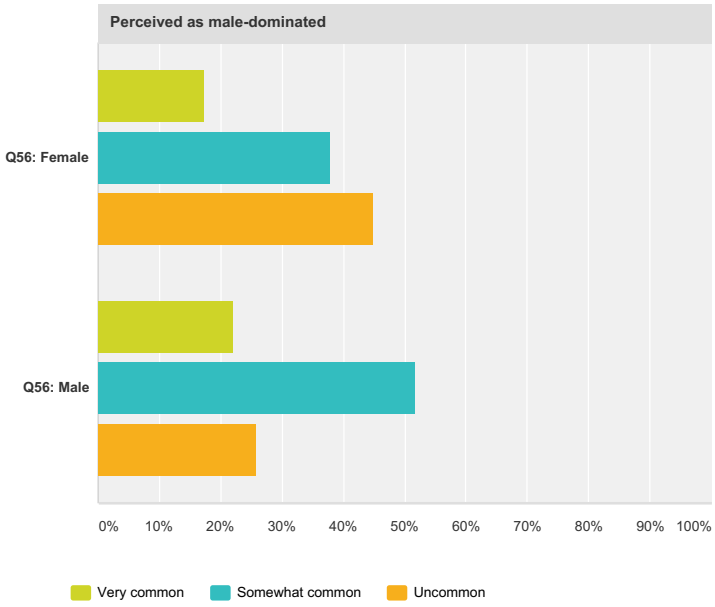


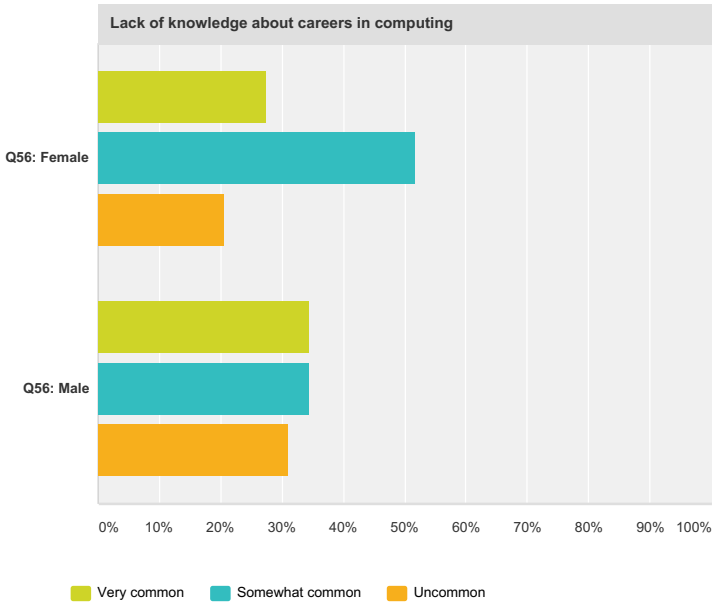

Greater interest in other subjects
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Very common
Somewhat common
Uncommon

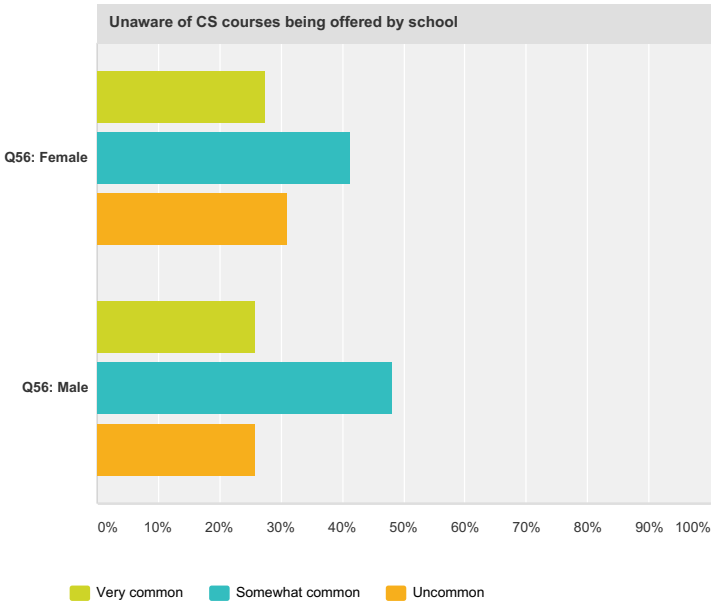

Need to take required courses rather than CS
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Very common
Somewhat common
Uncommon

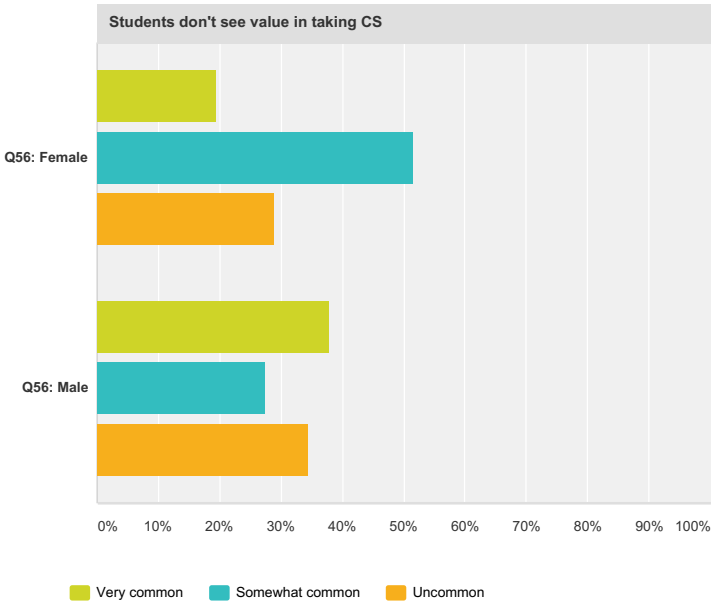

Subject matter too difficult
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Very common
Somewhat common
Uncommon


CS is perceived to be "geeky"
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Very common
Somewhat common
Uncommon


Perceived as male-dominated
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Very common
Somewhat common
Uncommon


Lack of knowledge about careers in computing
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Very common
Somewhat common
Uncommon





Scheduling conflicts				
	Very common	Somewhat common	Uncommon	Total
Q56: Female	**68.75%** 22	**18.75%** 6	**12.50%** 4	32
Q56: Male	**42.86%** 12	**35.71%** 10	**21.43%** 6	28

Classes are over capacity				
	Very common	Somewhat common	Uncommon	Total
Q56: Female	**6.90%** 2	**24.14%** 7	**68.97%** 20	29
Q56: Male	**15.38%** 4	**15.38%** 4	**69.23%** 18	26

Greater interest in other subjects				
	Very common	Somewhat common	Uncommon	Total
Q56: Female	**56.67%** 17	**33.33%** 10	**10.00%** 3	30
Q56: Male	**48.28%** 14	**44.83%** 13	**6.90%** 2	29

Need to take required courses rather than CS				
	Very common	Somewhat common	Uncommon	Total

Q56: Female	**70.00%** 21	**20.00%** 6	**10.00%** 3	30
Q56: Male	**53.57%** 15	**28.57%** 8	**17.86%** 5	28

Subject matter too difficult

	Very common	Somewhat common	Uncommon	Total
Q56: Female	**19.35%** 6	**61.29%** 19	**19.35%** 6	31
Q56: Male	**27.59%** 8	**48.28%** 14	**24.14%** 7	29

CS is perceived to be "geeky"

	Very common	Somewhat common	Uncommon	Total
Q56: Female	**10.71%** 3	**35.71%** 10	**53.57%** 15	28
Q56: Male	**14.29%** 4	**39.29%** 11	**46.43%** 13	28

Perceived as male-dominated

	Very common	Somewhat common	Uncommon	Total
Q56: Female	**17.24%** 5	**37.93%** 11	**44.83%** 13	29
Q56: Male	**22.22%** 6	**51.85%** 14	**25.93%** 7	27

Lack of knowledge about careers in computing

	Very common	Somewhat common	Uncommon	Total
Q56: Female	**27.59%** 8	**51.72%** 15	**20.69%** 6	29
Q56: Male	**34.48%** 10	**34.48%** 10	**31.03%** 9	29

Unaware of CS courses being offered by school

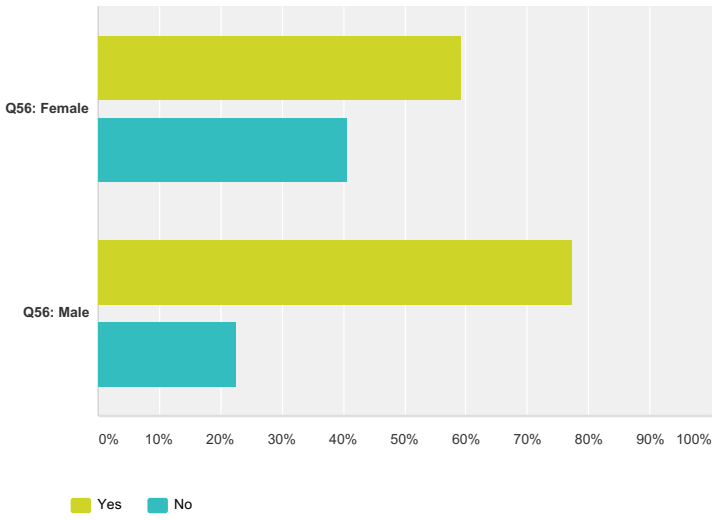
	Very common	Somewhat common	Uncommon	Total
Q56: Female	**27.59%** 8	**41.38%** 12	**31.03%** 9	29
Q56: Male	**25.93%** 7	**48.15%** 13	**25.93%** 7	27

Students don't see value in taking CS

	Very common	Somewhat common	Uncommon	Total
Q56: Female	**19.35%** 6	**51.61%** 16	**29.03%** 9	31
Q56: Male	**37.93%** 11	**27.59%** 8	**34.48%** 10	29

Q41 In your judgement, do you think that your school should offer more CS courses?

Answered: 63 Skipped: 6



	Yes	No	Total
Q56: Female	**59.38%** 19	**40.63%** 13	32
Q56: Male	**77.42%** 24	**22.58%** 7	31
Total Respondents	43	20	63

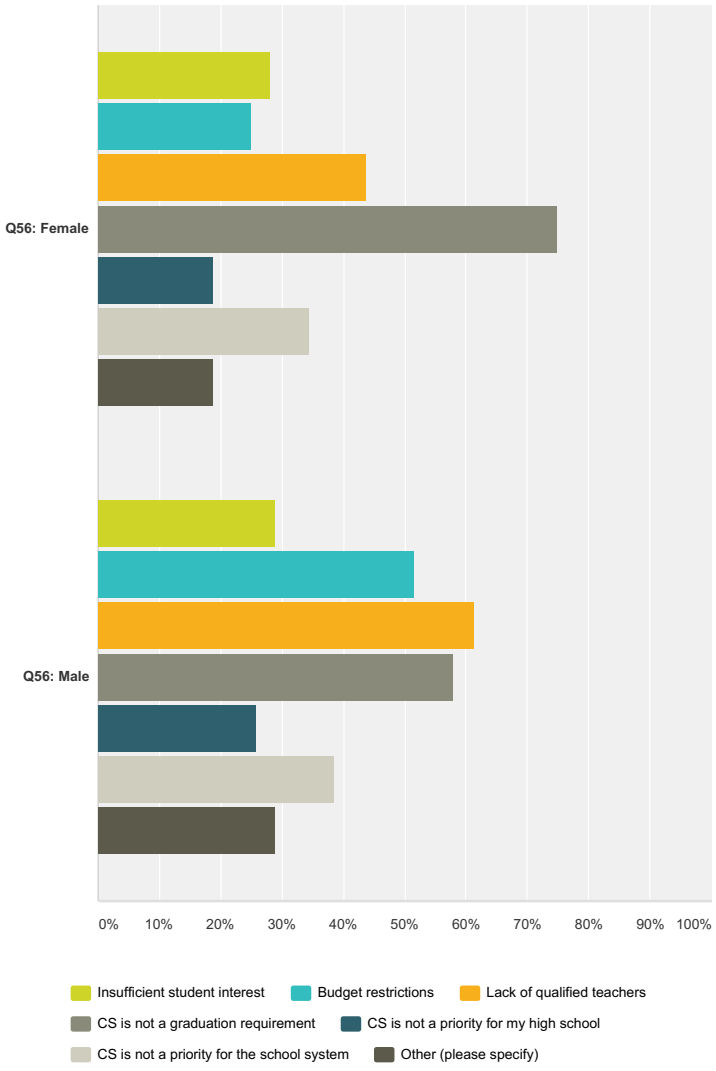
Q42 If yes, what CS courses should be added?

Answered: 40 Skipped: 29

	If yes, what CS courses should be added?	Total
Q56: Female	**100.00%** 18	18
Q56: Male	**100.00%** 22	22
Total Respondents	40	40

Q43 What are some of the reasons why your school does not offer more computer science courses? (Check all that apply.)

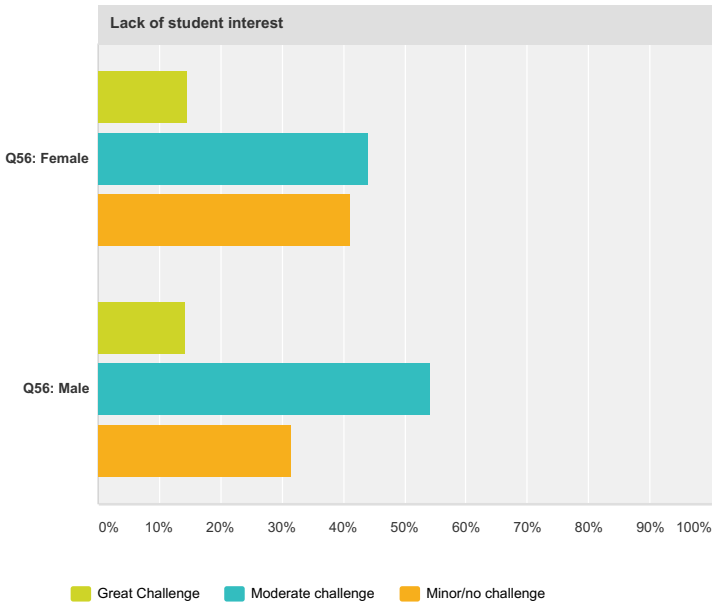
Answered: 63 Skipped: 6

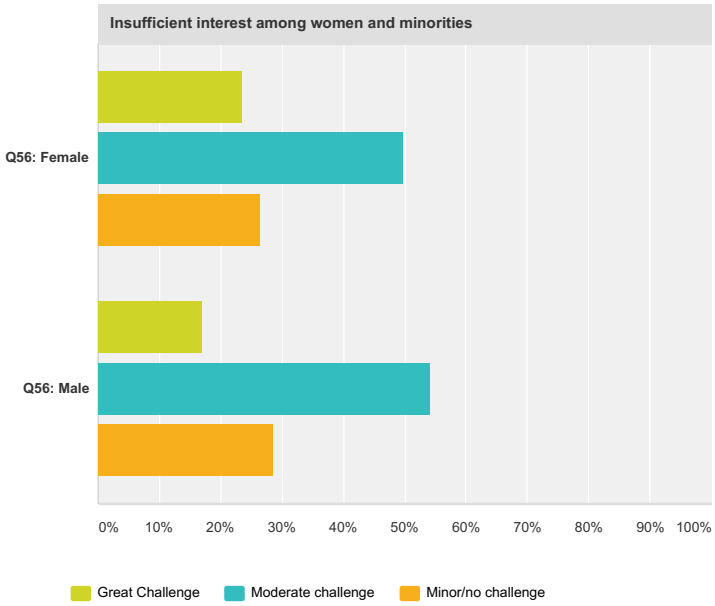


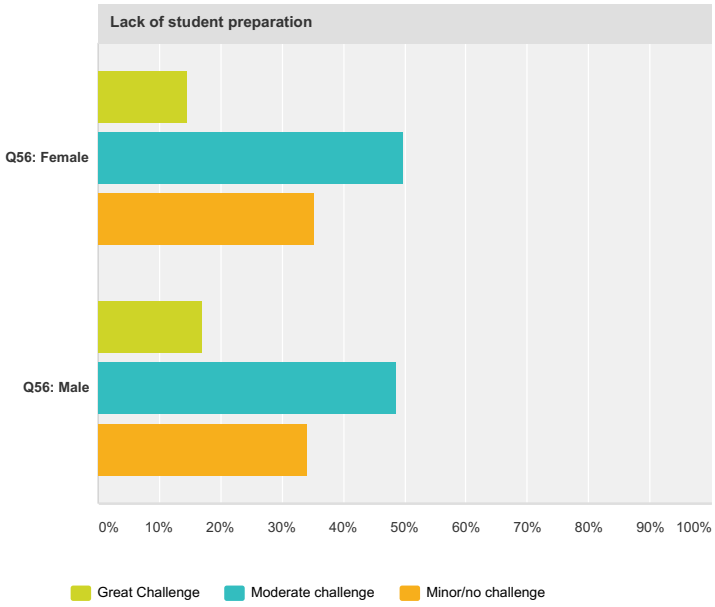
	Insufficient student interest	Budget restrictions	Lack of qualified teachers	CS is not a graduation requirement	CS is not a priority for my high school	CS is not a priority for the school system	Other (please specify)	Total
Q56: Female	**28.13%** 9	**25.00%** 8	**43.75%** 14	**75.00%** 24	**18.75%** 6	**34.38%** 11	**18.75%** 6	78
Q56: Male	**29.03%** 9	**51.61%** 16	**61.29%** 19	**58.06%** 18	**25.81%** 8	**38.71%** 12	**29.03%** 9	91
Total Respondents	18	24	33	42	14	23	15	63

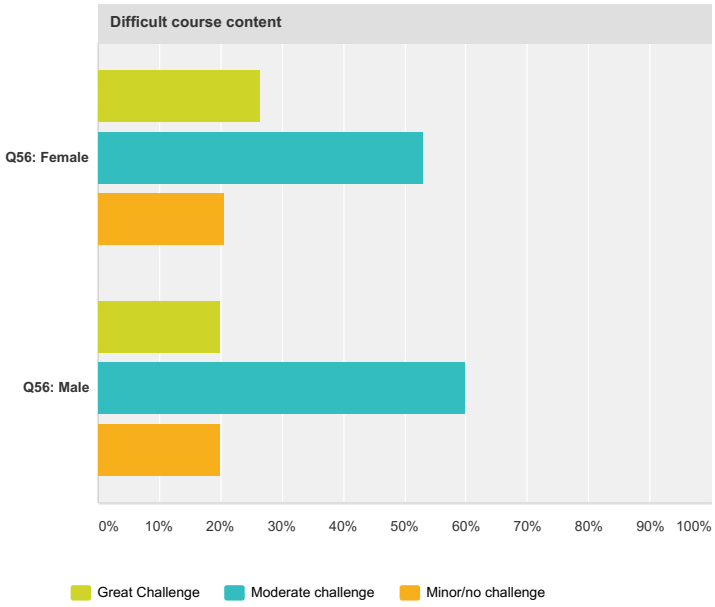
Q44 What do you perceive as the greatest challenges in teaching CS? (Please rate each challenge.)

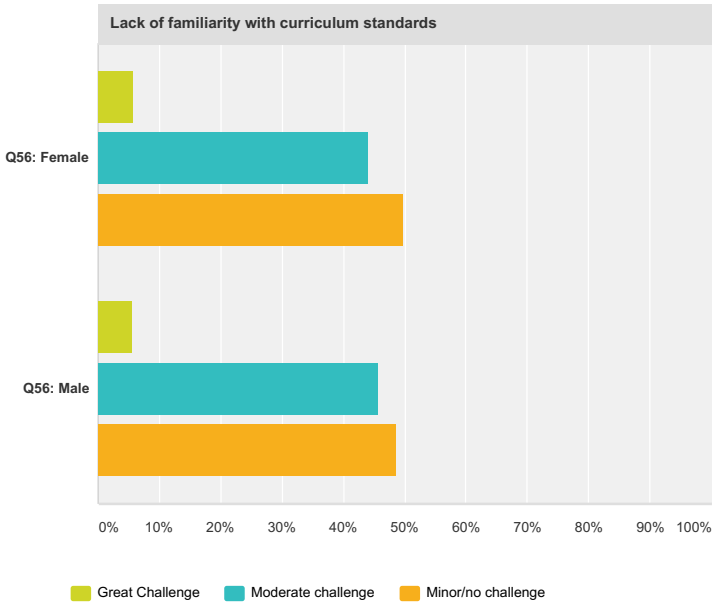
Answered: 69 Skipped: 0

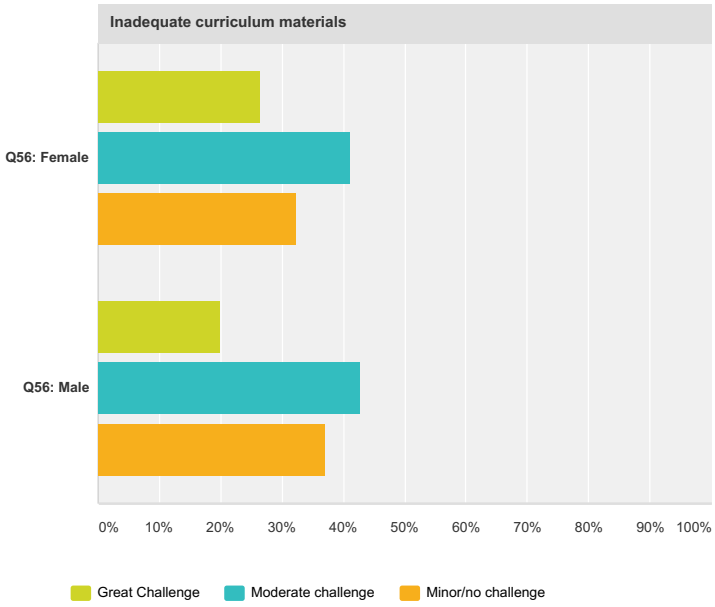





Lack of student preparation
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great Challenge
Moderate challenge
Minor/no challenge


Difficult course content
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great Challenge
Moderate challenge
Minor/no challenge


Lack of familiarity with curriculum standards
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great Challenge
Moderate challenge
Minor/no challenge


Inadequate curriculum materials
Q56: Female
Q56: Male
0%
10%
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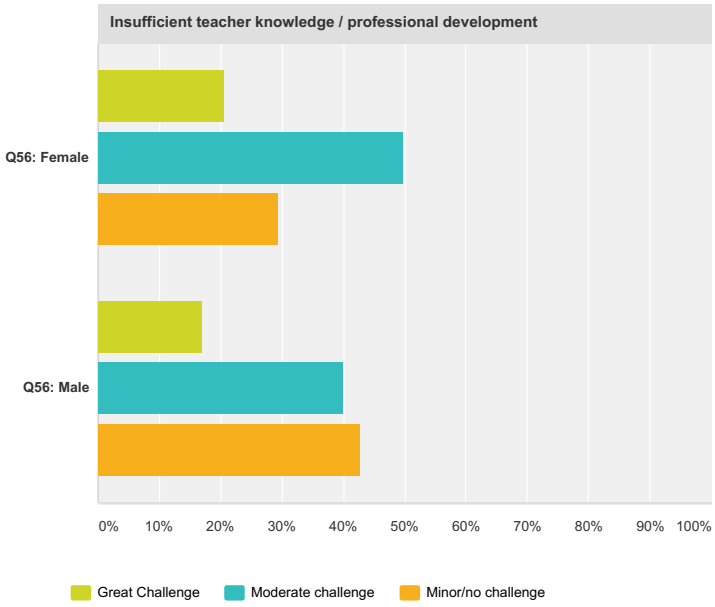
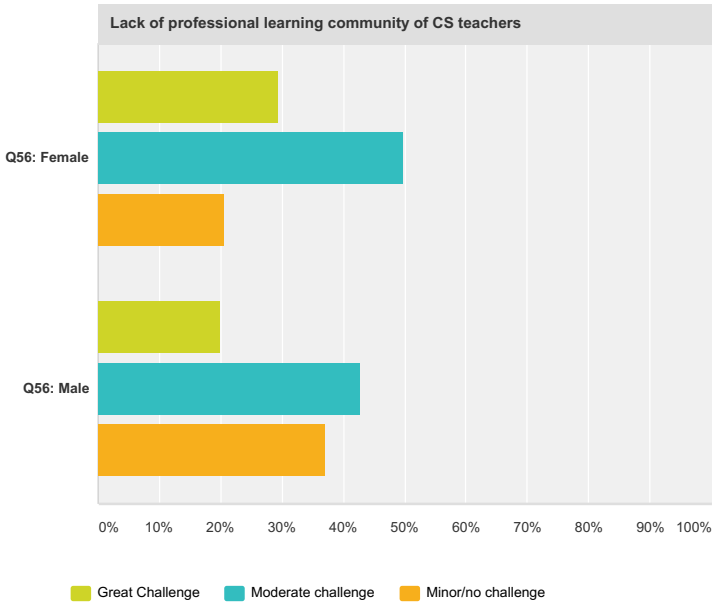
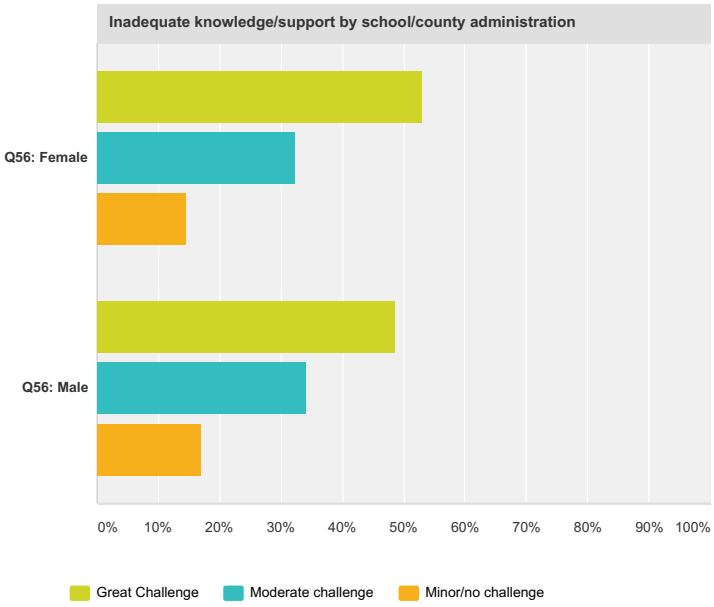
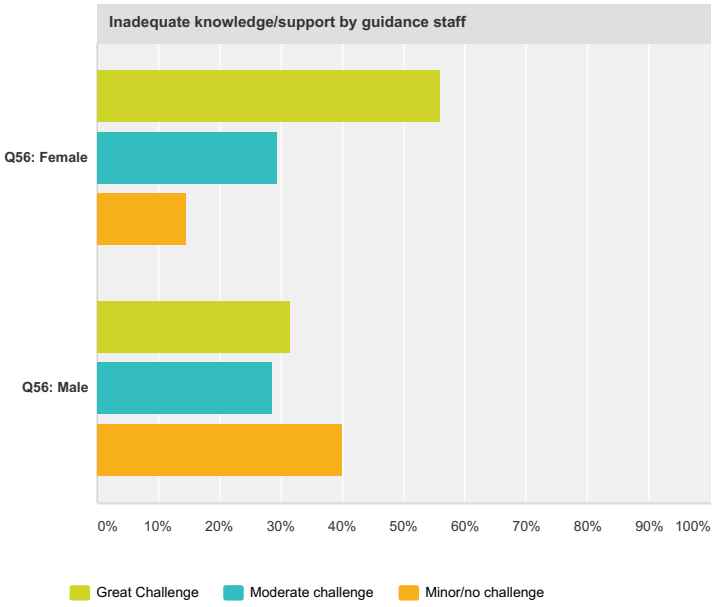
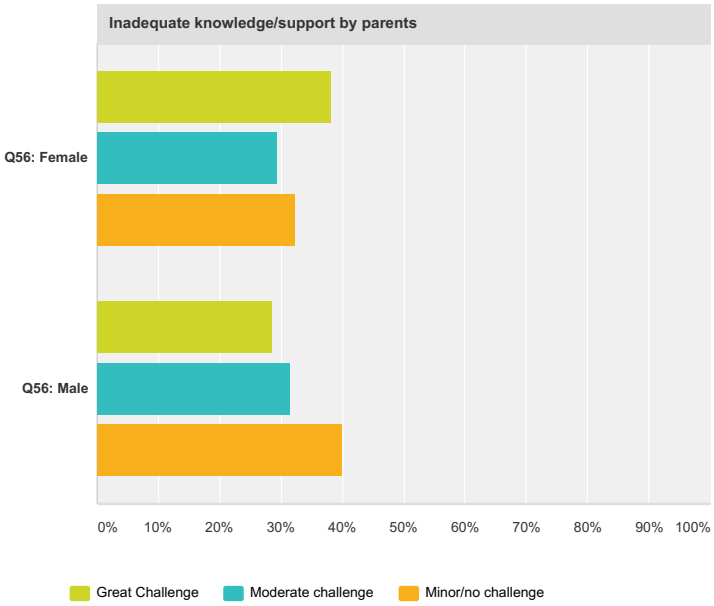
80%
90%
100%
Great Challenge
Moderate challenge
Minor/no challenge


Insufficient teacher knowledge / professional development
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great Challenge
Moderate challenge
Minor/no challenge


Lack of professional learning community of CS teachers
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great Challenge
Moderate challenge
Minor/no challenge


Inadequate knowledge/support by school/county administration
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great Challenge
Moderate challenge
Minor/no challenge


Inadequate knowledge/support by guidance staff
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great Challenge
Moderate challenge
Minor/no challenge


Inadequate knowledge/support by parents
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great Challenge
Moderate challenge
Minor/no challenge

Lack of student interest				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**14.71%** 5	**44.12%** 15	**41.18%** 14	34
Q56: Male	**14.29%** 5	**54.29%** 19	**31.43%** 11	35

Insufficient interest among women and minorities				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**23.53%** 8	**50.00%** 17	**26.47%** 9	34
Q56: Male	**17.14%** 6	**54.29%** 19	**28.57%** 10	35

Lack of student preparation				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**14.71%** 5	**50.00%** 17	**35.29%** 12	34
Q56: Male	**17.14%** 6	**48.57%** 17	**34.29%** 12	35

Difficult course content				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**26.47%** 9	**52.94%** 18	**20.59%** 7	34
Q56: Male	**20.00%** 7	**60.00%** 21	**20.00%** 7	35

Lack of familiarity with curriculum standards				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**5.88%** 2	**44.12%** 15	**50.00%** 17	34
Q56: Male	**5.71%** 2	**45.71%** 16	**48.57%** 17	35

Inadequate curriculum materials				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**26.47%** 9	**41.18%** 14	**32.35%** 11	34
Q56: Male	**20.00%** 7	**42.86%** 15	**37.14%** 13	35

Insufficient teacher knowledge / professional development				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**20.59%** 7	**50.00%** 17	**29.41%** 10	34
Q56: Male	**17.14%** 6	**40.00%** 14	**42.86%** 15	35

Lack of professional learning community of CS teachers				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**29.41%** 10	**50.00%** 17	**20.59%** 7	34
Q56: Male	**20.00%** 7	**42.86%** 15	**37.14%** 13	35

Inadequate knowledge/support by school/county administration				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**52.94%** 18	**32.35%** 11	**14.71%** 5	34
Q56: Male	**48.57%** 17	**34.29%** 12	**17.14%** 6	35

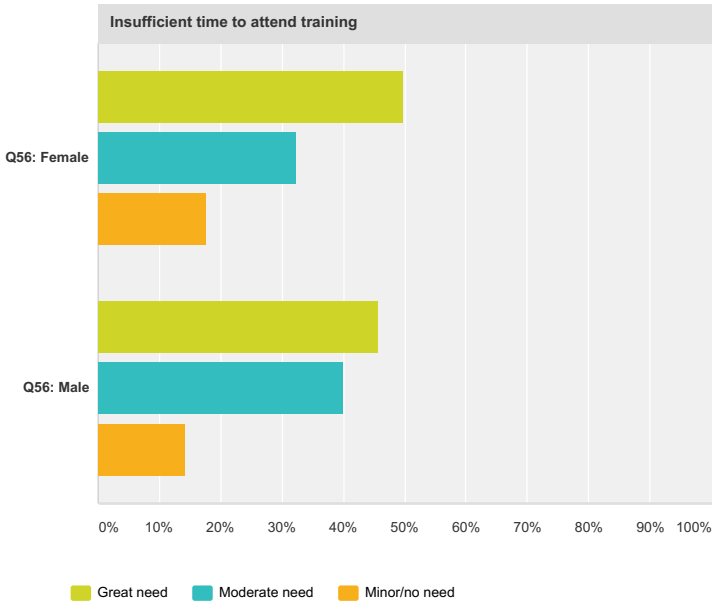
Inadequate knowledge/support by guidance staff				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**55.88%** 19	**29.41%** 10	**14.71%** 5	34
Q56: Male	**31.43%** 11	**28.57%** 10	**40.00%** 14	35

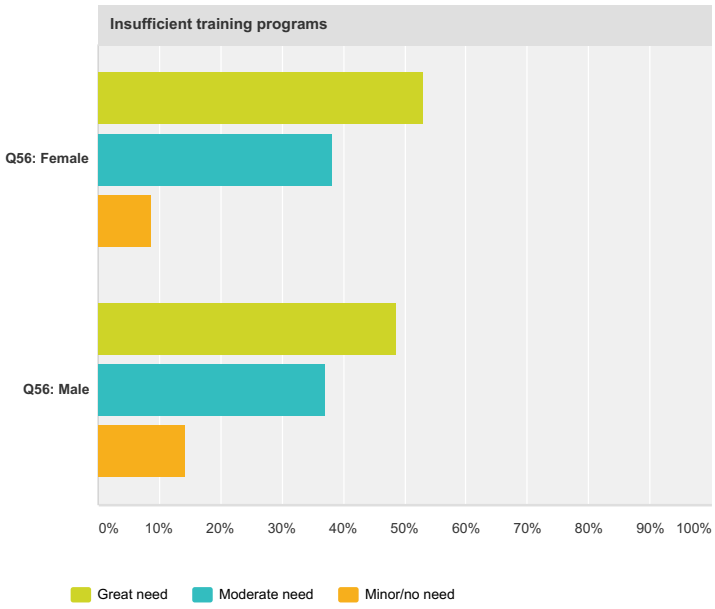
Inadequate knowledge/support by parents				
	Great Challenge	Moderate challenge	Minor/no challenge	Total
Q56: Female	**38.24%** 13	**29.41%** 10	**32.35%** 11	34

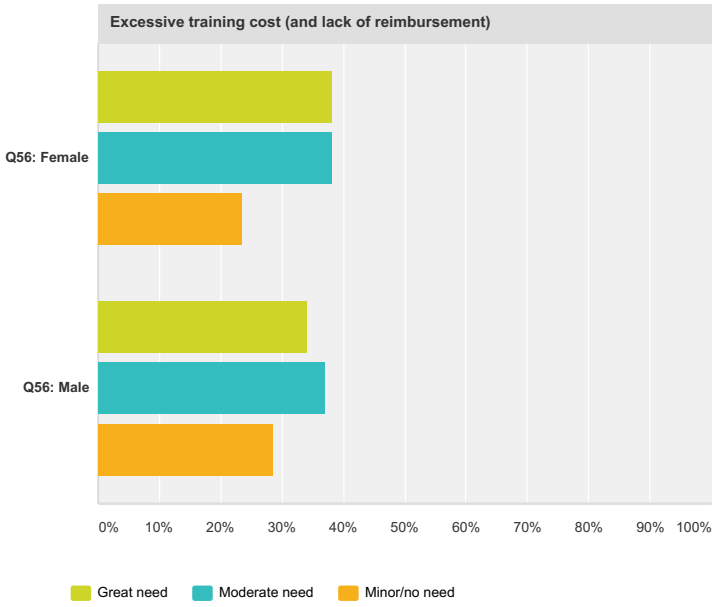
Q56: Male	**28.57%** 10	**31.43%** 11	**40.00%** 14	 35

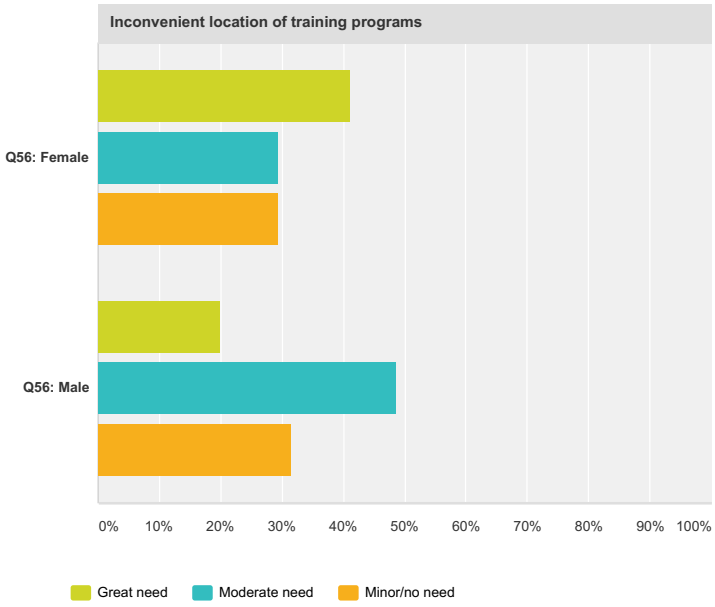
Q45 What do you perceive as the greatest professional development needs?

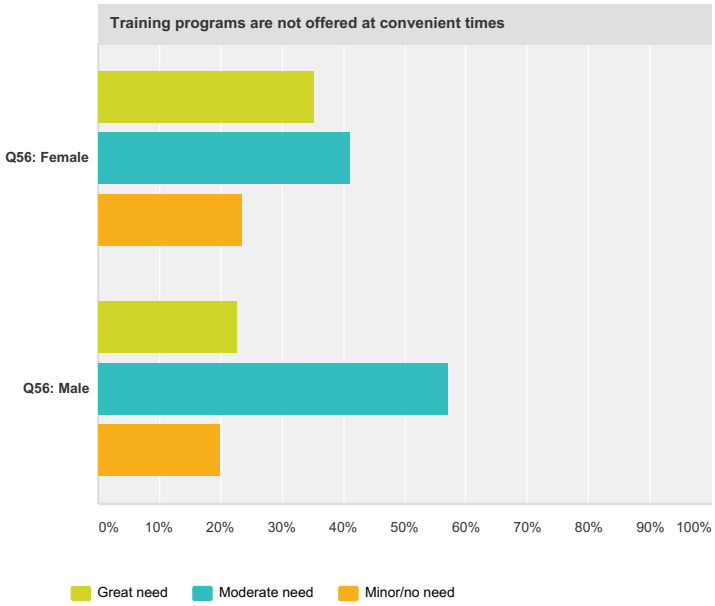
Answered: 69 Skipped: 0

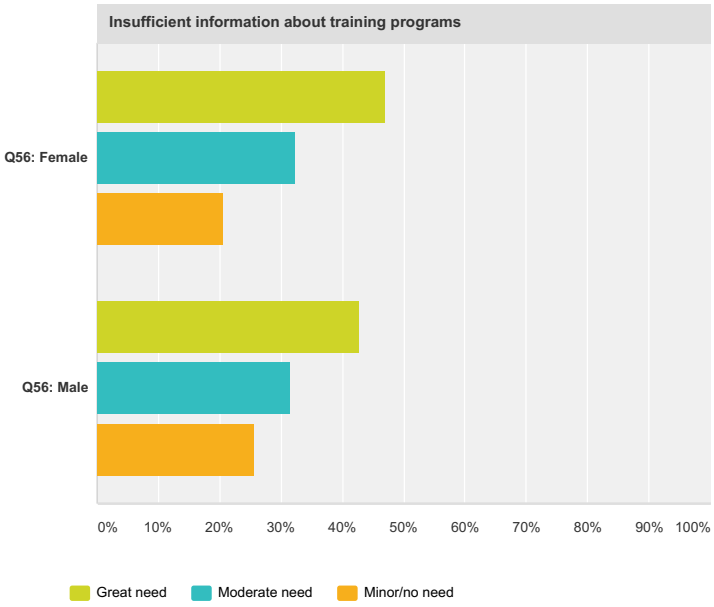





Excessive training cost (and lack of reimbursement)
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great need
Moderate need
Minor/no need


Inconvenient location of training programs
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great need
Moderate need
Minor/no need


Training programs are not offered at convenient times
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Great need
Moderate need
Minor/no need



Insufficient time to attend training				
	Great need	Moderate need	Minor/no need	Total
Q56: Female	**50.00%** 17	**32.35%** 11	**17.65%** 6	34
Q56: Male	**45.71%** 16	**40.00%** 14	**14.29%** 5	35

Insufficient training programs				
	Great need	Moderate need	Minor/no need	Total
Q56: Female	**52.94%** 18	**38.24%** 13	**8.82%** 3	34
Q56: Male	**48.57%** 17	**37.14%** 13	**14.29%** 5	35

Excessive training cost (and lack of reimbursement)				
	Great need	Moderate need	Minor/no need	Total
Q56: Female	**38.24%** 13	**38.24%** 13	**23.53%** 8	34
Q56: Male	**34.29%** 12	**37.14%** 13	**28.57%** 10	35

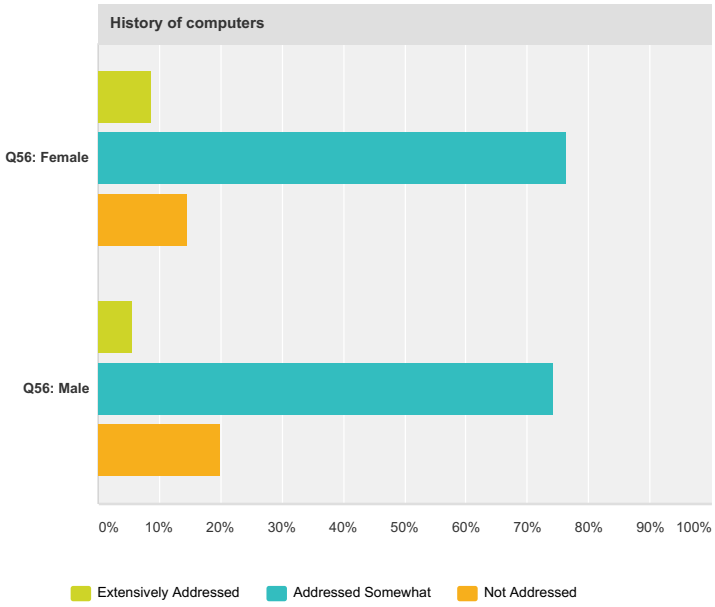
Inconvenient location of training programs				
	Great need	Moderate need	Minor/no need	Total
Q56: Female	**41.18%** 14	**29.41%** 10	**29.41%** 10	34
Q56: Male	**20.00%** 7	**48.57%** 17	**31.43%** 11	35

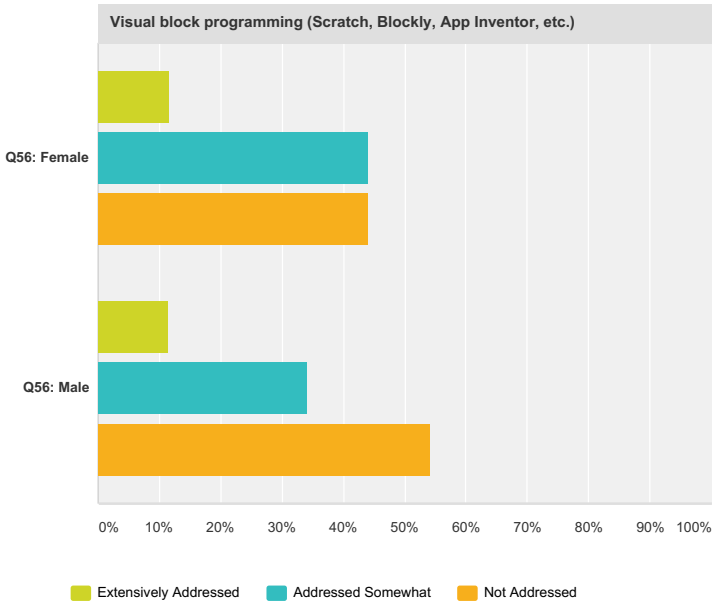
Training programs are not offered at convenient times				
	Great need	Moderate need	Minor/no need	Total
Q56: Female	**35.29%** 12	**41.18%** 14	**23.53%** 8	34
Q56: Male	**22.86%** 8	**57.14%** 20	**20.00%** 7	35

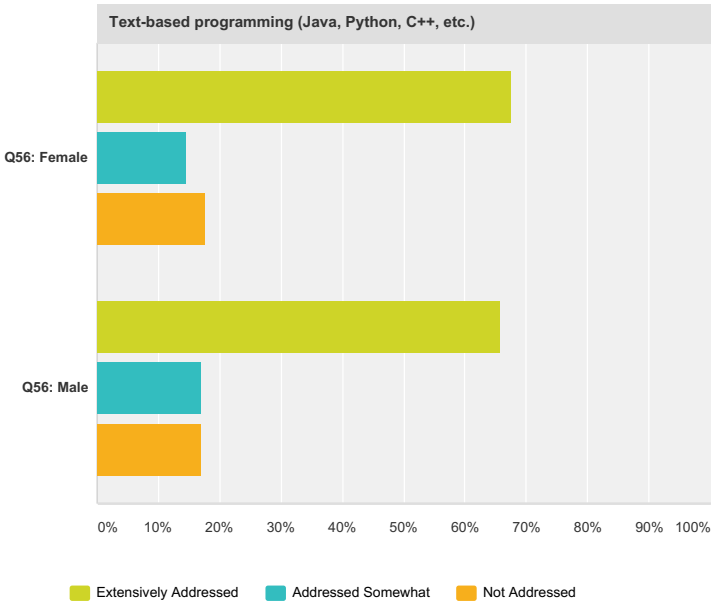
Insufficient information about training programs				
	Great need	Moderate need	Minor/no need	Total
Q56: Female	**47.06%** 16	**32.35%** 11	**20.59%** 7	34
Q56: Male	**42.86%** 15	**31.43%** 11	**25.71%** 9	35

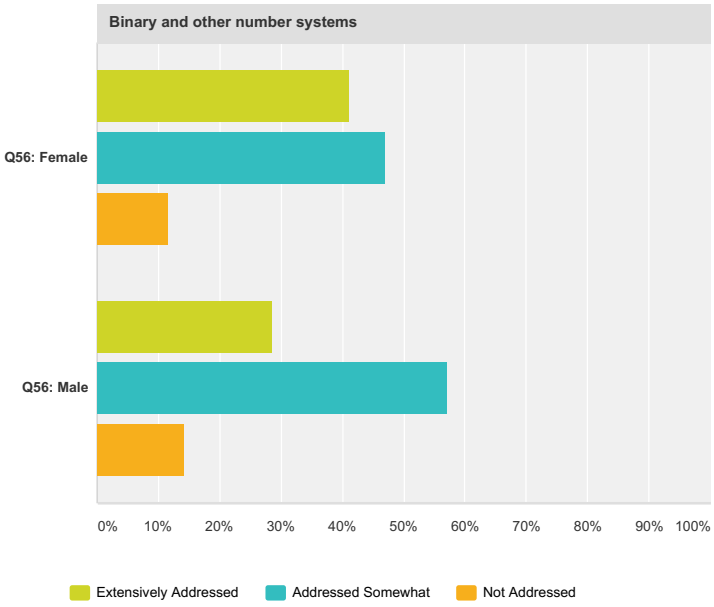
Q46 In the courses you currently teach, what level of coverage do you provide for each of the following topic areas? (Please rank each.)

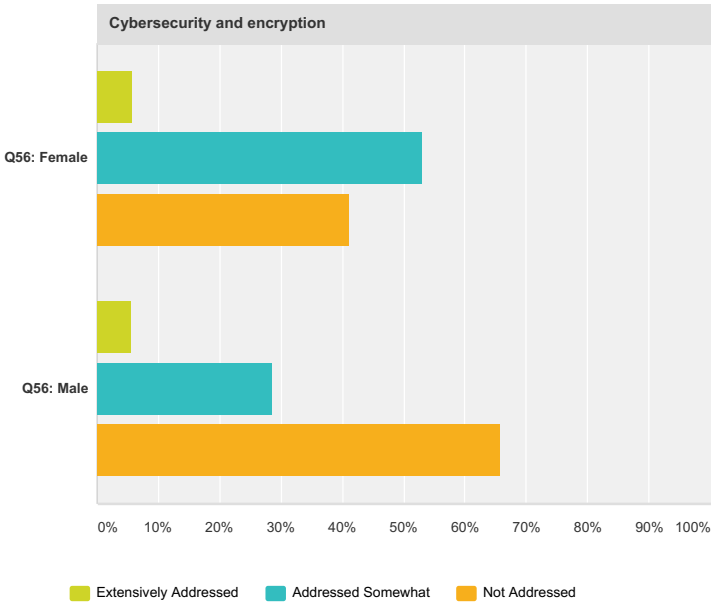
Answered: 69 Skipped: 0

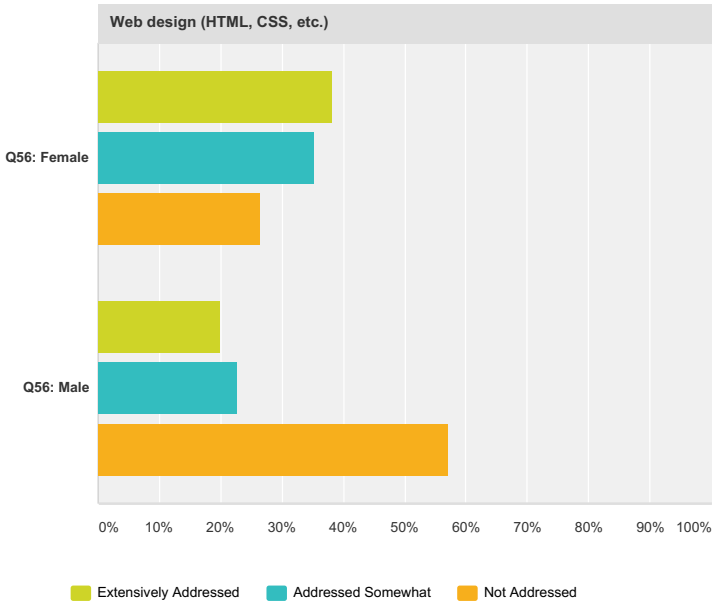


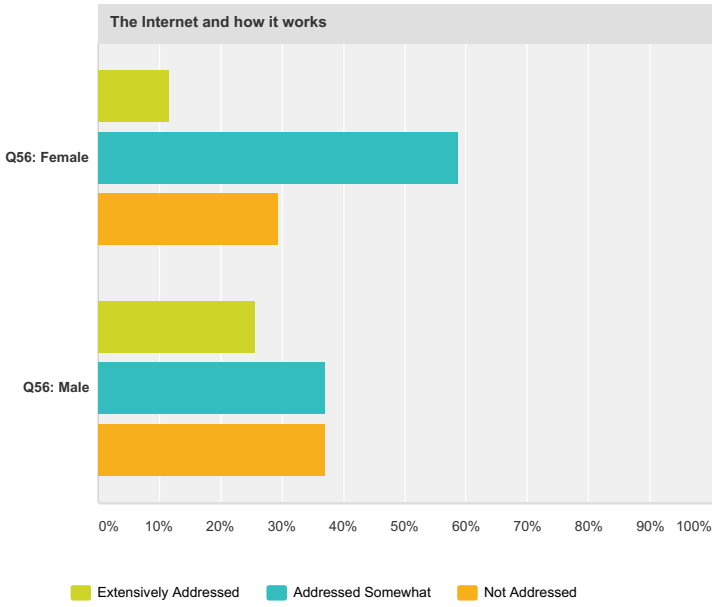



Text-based programming (Java, Python, C++, etc.)
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Extensively Addressed
Addressed Somewhat
Not Addressed


Binary and other number systems
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Extensively Addressed
Addressed Somewhat
Not Addressed


Cybersecurity and encryption
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Extensively Addressed
Addressed Somewhat
Not Addressed


Web design (HTML, CSS, etc.)
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Extensively Addressed
Addressed Somewhat
Not Addressed


The Internet and how it works
Q56: Female
Q56: Male
0%
10%
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30%
40%
50%
60%
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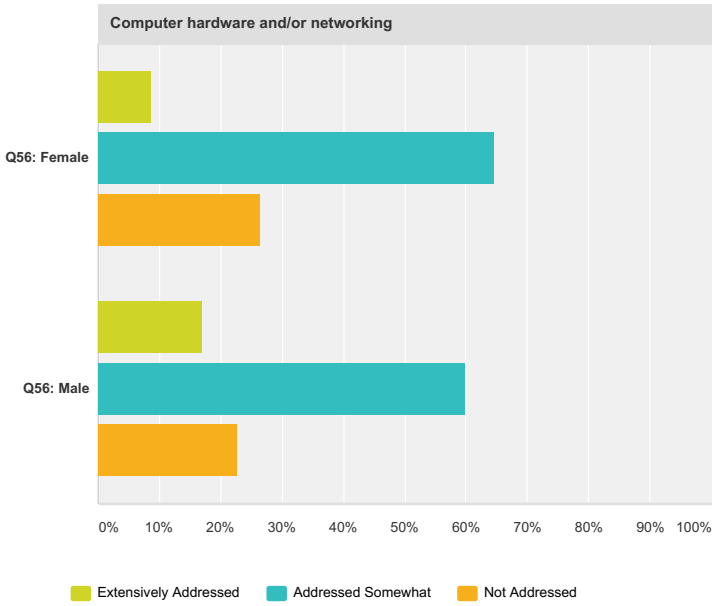
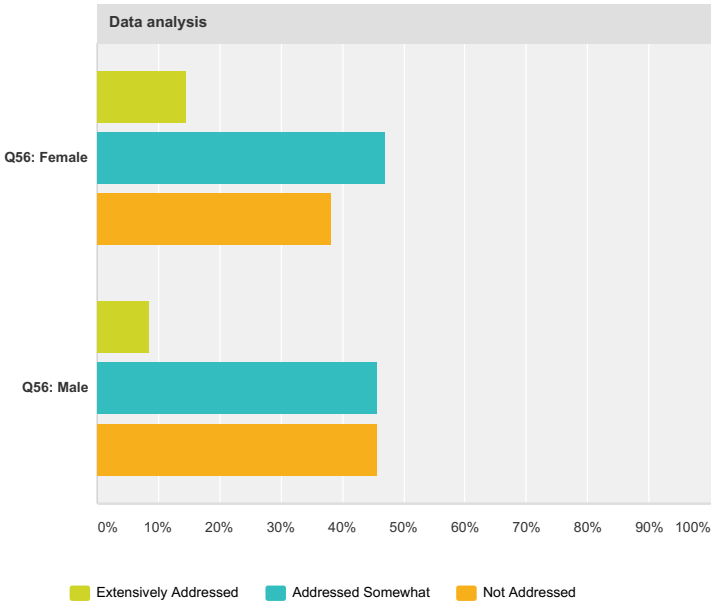
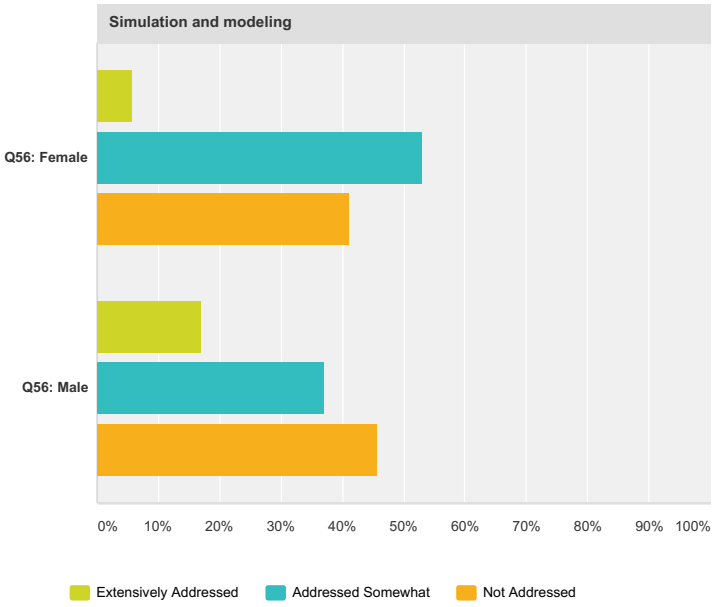
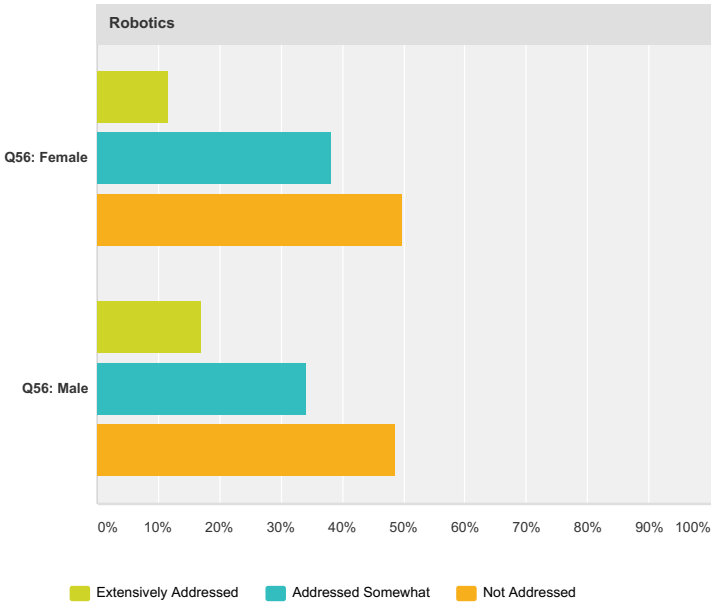
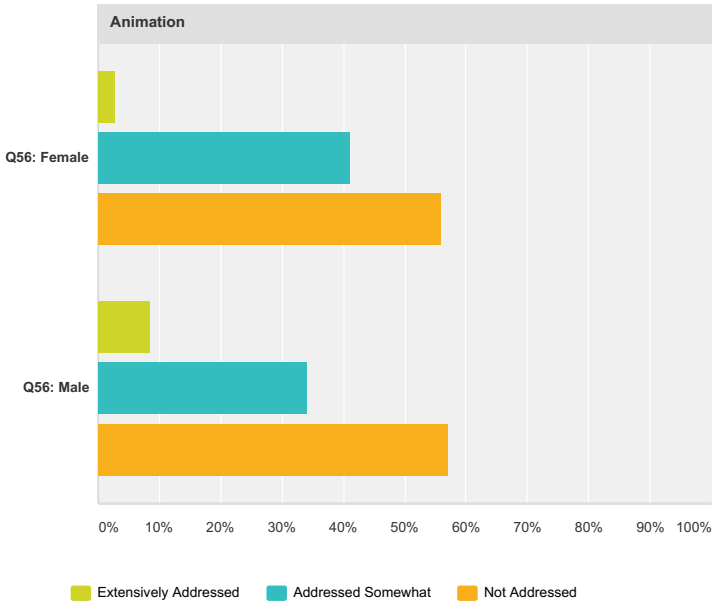
80%
90%
100%
Extensively Addressed
Addressed Somewhat
Not Addressed

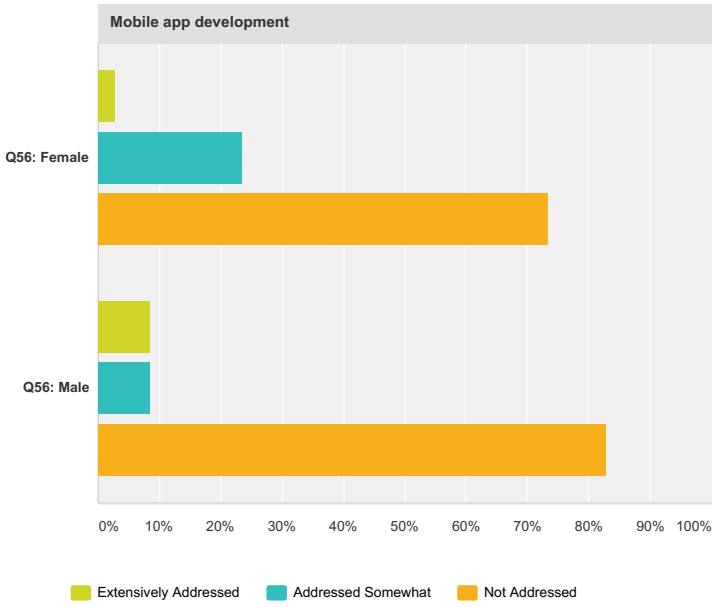

Computer hardware and/or networking
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Extensively Addressed
Addressed Somewhat
Not Addressed


Data analysis
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Extensively Addressed
Addressed Somewhat
Not Addressed


Simulation and modeling
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Extensively Addressed
Addressed Somewhat
Not Addressed


Robotics
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Extensively Addressed
Addressed Somewhat
Not Addressed





History of computers				
	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**8.82%** 3	**76.47%** 26	**14.71%** 5	34
Q56: Male	**5.71%** 2	**74.29%** 26	**20.00%** 7	35
Visual block programming (Scratch, Blockly, App Inventor, etc.)				
	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**11.76%** 4	**44.12%** 15	**44.12%** 15	34
Q56: Male	**11.43%** 4	**34.29%** 12	**54.29%** 19	35
Text-based programming (Java, Python, C++, etc.)				
	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**67.65%** 23	**14.71%** 5	**17.65%** 6	34
Q56: Male	**65.71%** 23	**17.14%** 6	**17.14%** 6	35
Binary and other number systems				
	Extensively Addressed	Addressed Somewhat	Not Addressed	Total

Q56: Female	**41.18%** 14	**47.06%** 16	**11.76%** 4	34
Q56: Male	**28.57%** 10	**57.14%** 20	**14.29%** 5	35

Cybersecurity and encryption

	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**5.88%** 2	**52.94%** 18	**41.18%** 14	34
Q56: Male	**5.71%** 2	**28.57%** 10	**65.71%** 23	35

Web design (HTML, CSS, etc.)

	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**38.24%** 13	**35.29%** 12	**26.47%** 9	34
Q56: Male	**20.00%** 7	**22.86%** 8	**57.14%** 20	35

The Internet and how it works

	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**11.76%** 4	**58.82%** 20	**29.41%** 10	34
Q56: Male	**25.71%** 9	**37.14%** 13	**37.14%** 13	35

Computer hardware and/or networking

	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**8.82%** 3	**64.71%** 22	**26.47%** 9	34
Q56: Male	**17.14%** 6	**60.00%** 21	**22.86%** 8	35

Data analysis

	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**14.71%** 5	**47.06%** 16	**38.24%** 13	34
Q56: Male	**8.57%** 3	**45.71%** 16	**45.71%** 16	35

Simulation and modeling

	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**5.88%** 2	**52.94%** 18	**41.18%** 14	34
Q56: Male	**17.14%** 6	**37.14%** 13	**45.71%** 16	35

Robotics

	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**11.76%** 4	**38.24%** 13	**50.00%** 17	34
Q56: Male	**17.14%** 6	**34.29%** 12	**48.57%** 17	35

Animation

	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**2.94%** 1	**41.18%** 14	**55.88%** 19	34
Q56: Male	**8.57%** 3	**34.29%** 12	**57.14%** 20	35

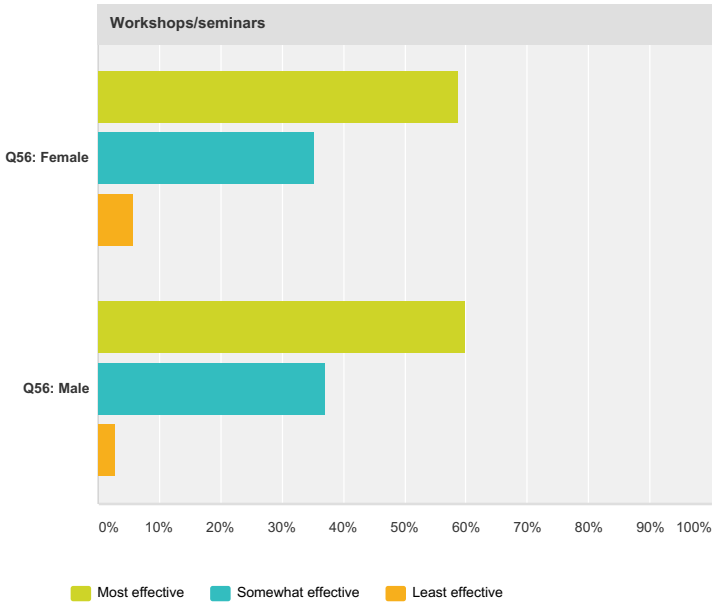
Mobile app development

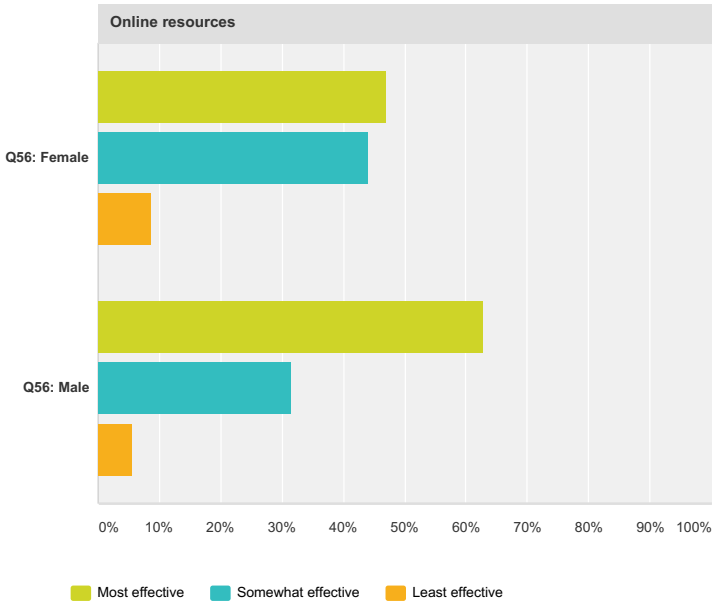
	Extensively Addressed	Addressed Somewhat	Not Addressed	Total
Q56: Female	**2.94%** 1	**23.53%** 8	**73.53%** 25	34
Q56: Male	**8.57%** 3	**8.57%** 3	**82.86%** 29	35

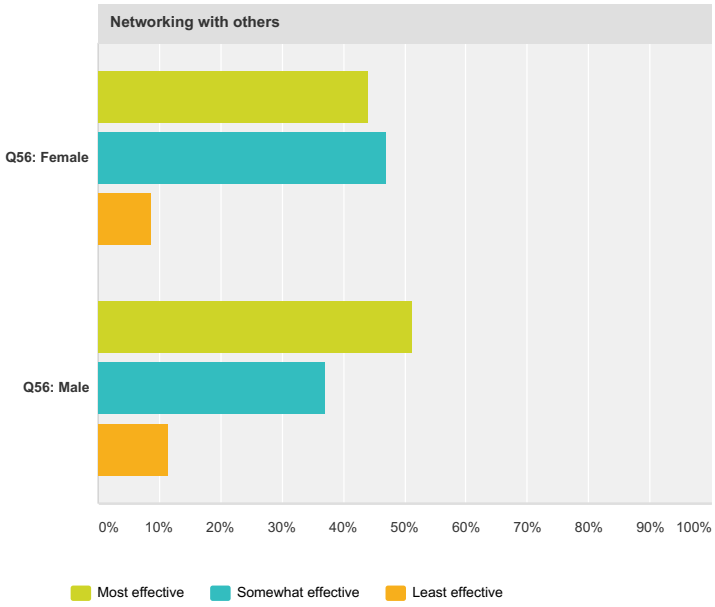
	Q56: Female	Q56: Male	Total
Other (please specify)	**3**	**3**	6

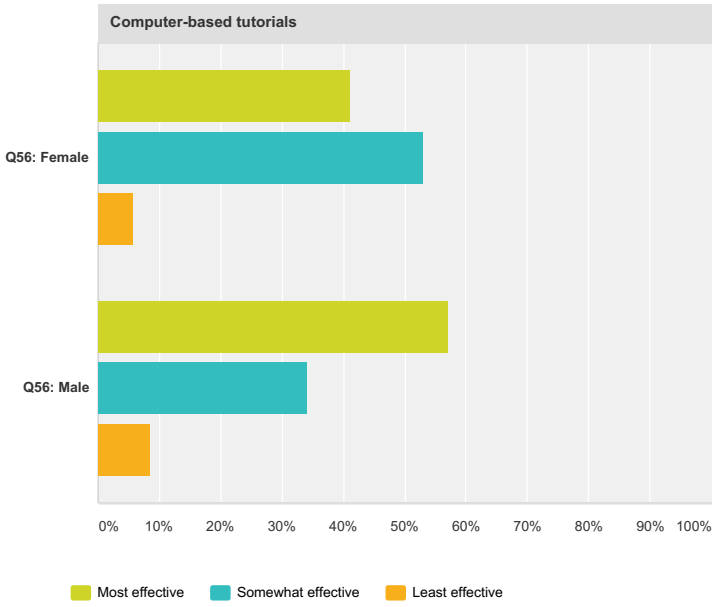
Q47 What do you believe to be the most effective methods for delivering professional development to CS teachers? (Please rank each.)

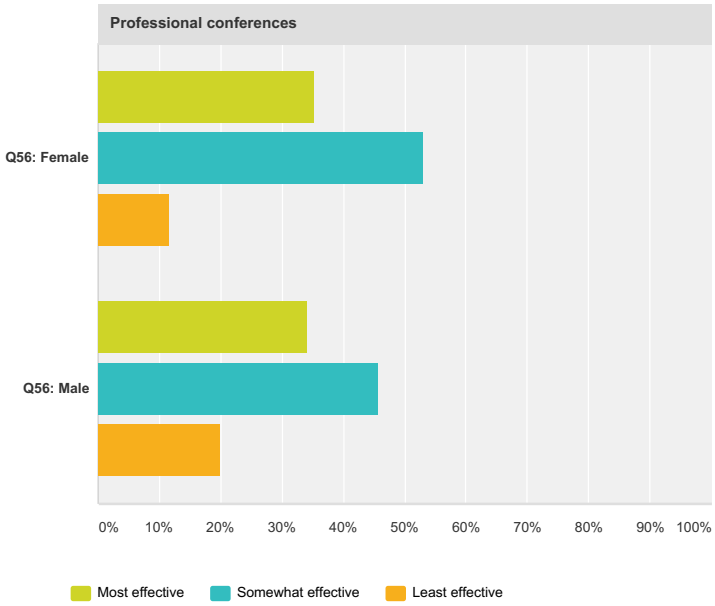
Answered: 69 Skipped: 0

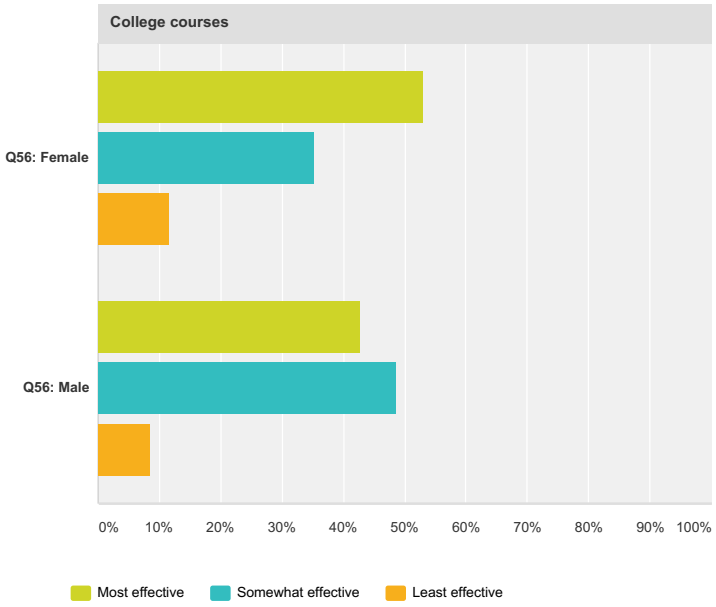





Networking with others
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Most effective
Somewhat effective
Least effective


Computer-based tutorials
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Most effective
Somewhat effective
Least effective


Professional conferences
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Most effective
Somewhat effective
Least effective



Workshops/seminars				
	Most effective	Somewhat effective	Least effective	Total
Q56: Female	58.82% 20	35.29% 12	5.88% 2	34
Q56: Male	60.00% 21	37.14% 13	2.86% 1	35

Online resources				
	Most effective	Somewhat effective	Least effective	Total
Q56: Female	47.06% 16	44.12% 15	8.82% 3	34
Q56: Male	62.86% 22	31.43% 11	5.71% 2	35

Networking with others				
	Most effective	Somewhat effective	Least effective	Total
Q56: Female	44.12% 15	47.06% 16	8.82% 3	34
Q56: Male	51.43% 18	37.14% 13	11.43% 4	35

Computer-based tutorials				
	Most effective	Somewhat effective	Least effective	Total
Q56: Female	41.18% 14	52.94% 18	5.88% 2	34
Q56: Male	57.14% 20	34.29% 12	8.57% 3	35

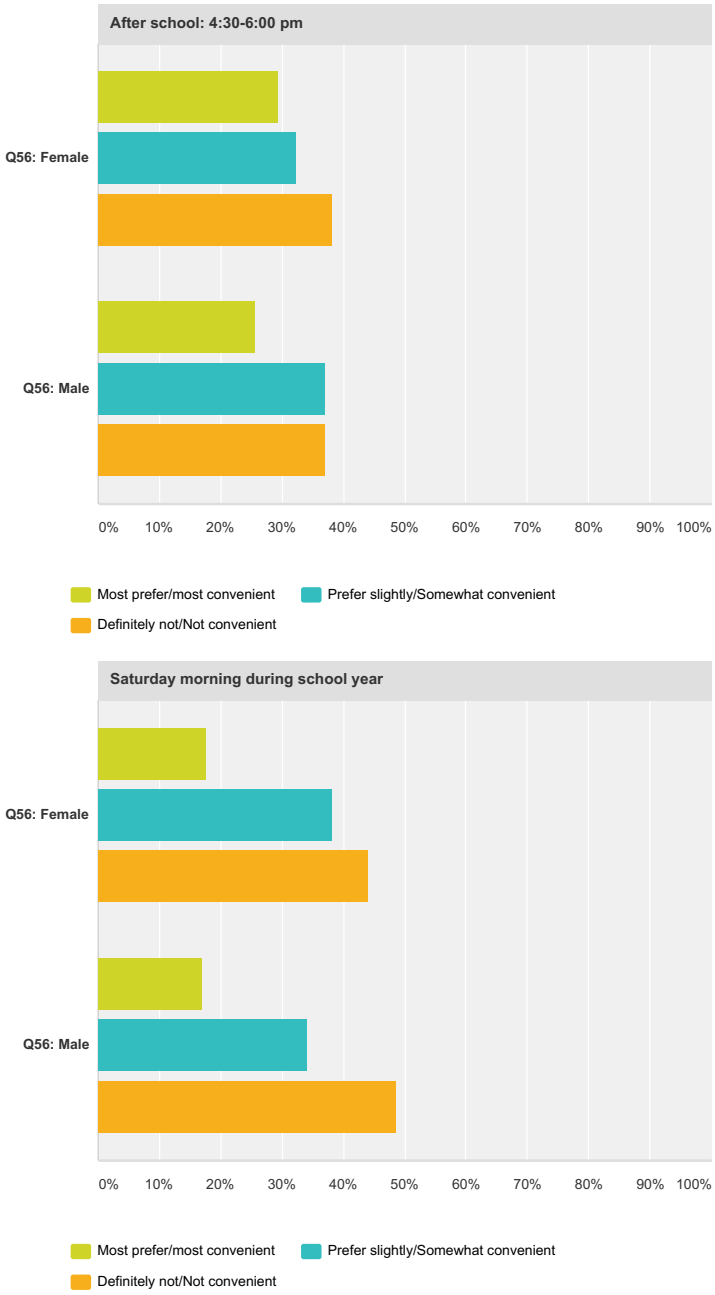
Professional conferences				
	Most effective	Somewhat effective	Least effective	Total
Q56: Female	35.29% 12	52.94% 18	11.76% 4	34
Q56: Male	34.29% 12	45.71% 16	20.00% 7	35

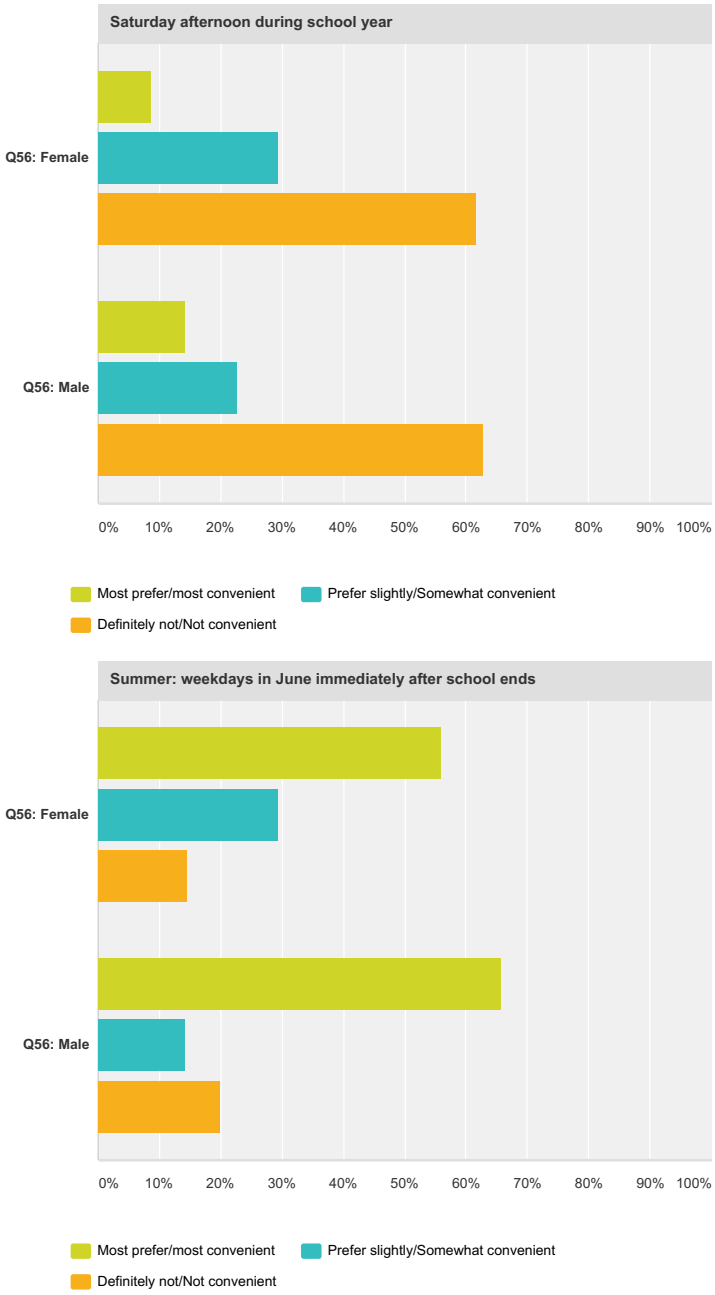
College courses				
	Most effective	Somewhat effective	Least effective	Total
Q56: Female	52.94% 18	35.29% 12	11.76% 4	34
Q56: Male	42.86% 15	48.57% 17	8.57% 3	35

	Q56: Female	Q56: Male	Total
Other effective methods (please specify)	2	2	4

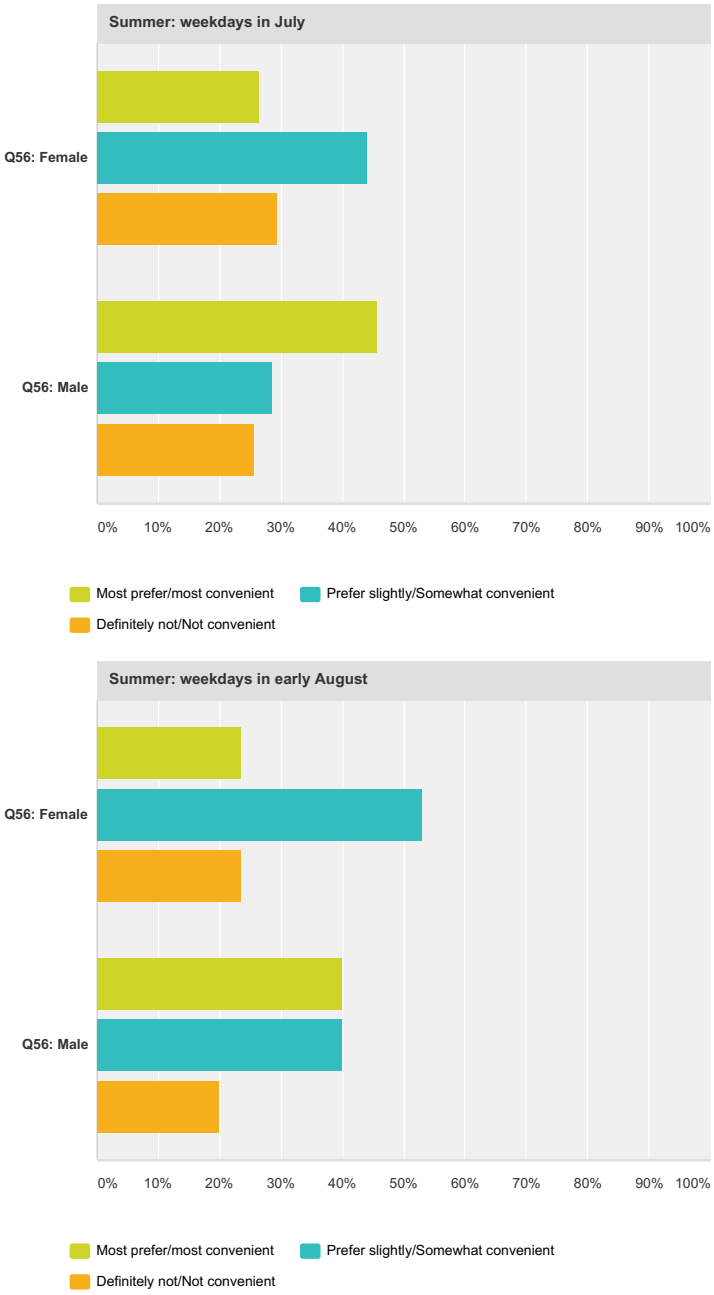
Q48 Please rank your preference/the convenience of each of the following times for your participation in professional development activities?

Answered: 69 Skipped: 0

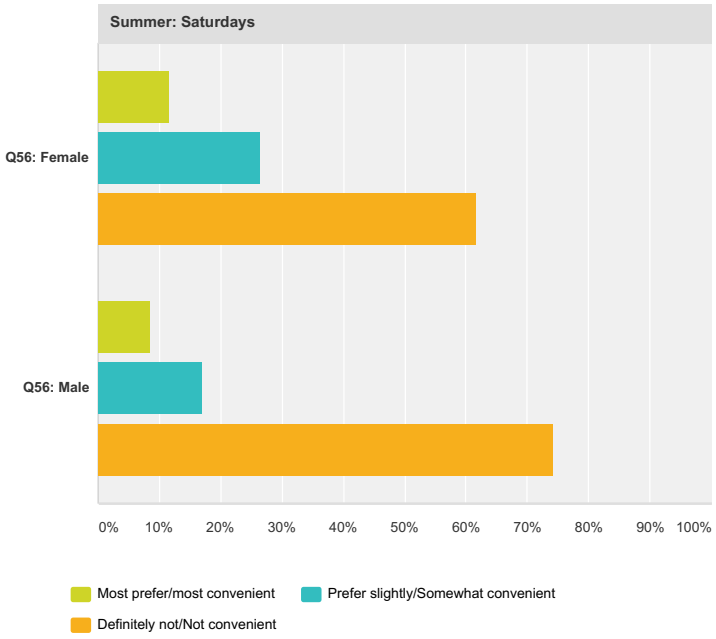



Saturday afternoon during school year
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Most prefer/most convenient
Prefer slightly/Somewhat convenient
Definitely not/Not convenient

Summer: weekdays in June immediately after school ends
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Most prefer/most convenient
Prefer slightly/Somewhat convenient
Definitely not/Not convenient


Summer: weekdays in July
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Most prefer/most convenient
Prefer slightly/Somewhat convenient
Definitely not/Not convenient

Summer: weekdays in early August
Q56: Female
Q56: Male
0%
10%
20%
30%
40%
50%
60%
70%
80%
90%
100%
Most prefer/most convenient
Prefer slightly/Somewhat convenient
Definitely not/Not convenient



After school: 4:30-6:00 pm				
	Most prefer/most convenient	Prefer slightly/Somewhat convenient	Definitely not/Not convenient	Total
Q56: Female	**29.41%** 10	**32.35%** 11	**38.24%** 13	34
Q56: Male	**25.71%** 9	**37.14%** 13	**37.14%** 13	35

Saturday morning during school year				
	Most prefer/most convenient	Prefer slightly/Somewhat convenient	Definitely not/Not convenient	Total
Q56: Female	**17.65%** 6	**38.24%** 13	**44.12%** 15	34
Q56: Male	**17.14%** 6	**34.29%** 12	**48.57%** 17	35

Saturday afternoon during school year				
	Most prefer/most convenient	Prefer slightly/Somewhat convenient	Definitely not/Not convenient	Total
Q56: Female	**8.82%** 3	**29.41%** 10	**61.76%** 21	34
Q56: Male	**14.29%** 5	**22.86%** 8	**62.86%** 22	35

Summer: weekdays in June immediately after school ends				
	Most prefer/most convenient	Prefer slightly/Somewhat convenient	Definitely not/Not convenient	Total
Q56: Female	**55.88%** 19	**29.41%** 10	**14.71%** 5	34
Q56: Male	**65.71%** 23	**14.29%** 5	**20.00%** 7	35

Summer: weekdays in July				
	Most prefer/most convenient	Prefer slightly/Somewhat convenient	Definitely not/Not convenient	Total
Q56: Female	**26.47%** 9	**44.12%** 15	**29.41%** 10	34
Q56: Male	**45.71%** 16	**28.57%** 10	**25.71%** 9	35

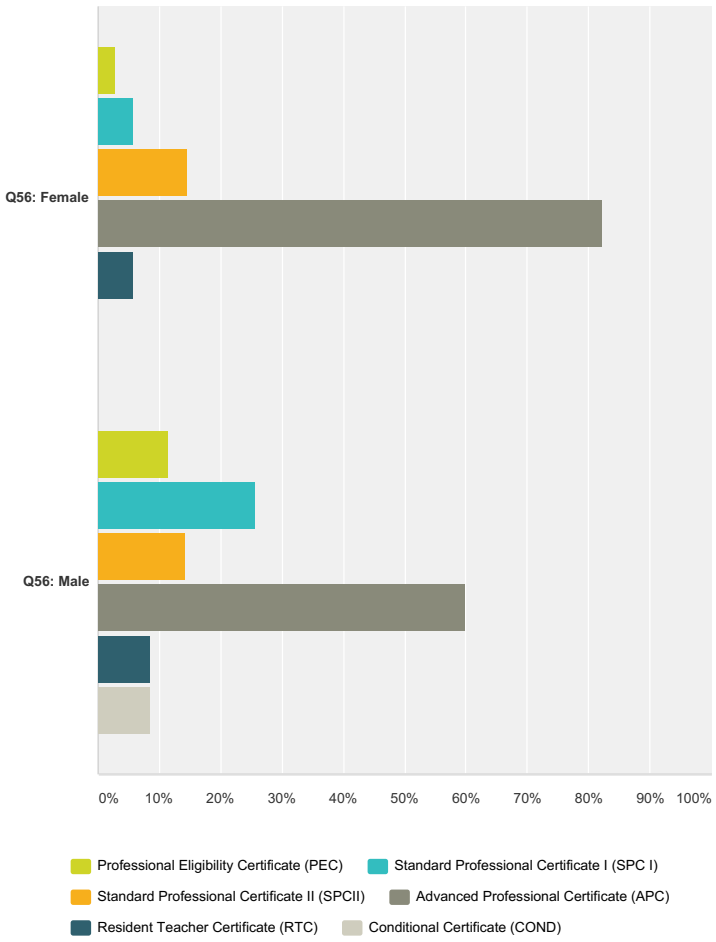
Summer: weekdays in early August				
	Most prefer/most convenient	Prefer slightly/Somewhat convenient	Definitely not/Not convenient	Total
Q56: Female	**23.53%** 8	**52.94%** 18	**23.53%** 8	34
Q56: Male	**40.00%** 14	**40.00%** 14	**20.00%** 7	35

Summer: Saturdays				
	Most prefer/most convenient	Prefer slightly/Somewhat convenient	Definitely not/Not convenient	Total
Q56: Female	**11.76%** 4	**26.47%** 9	**61.76%** 21	34

Q56: Male	**8.57%** 3	**17.14%** 6	**74.29%** 26	 35

Q49 Which of the following certifications do you currently hold? (Check all that apply.)

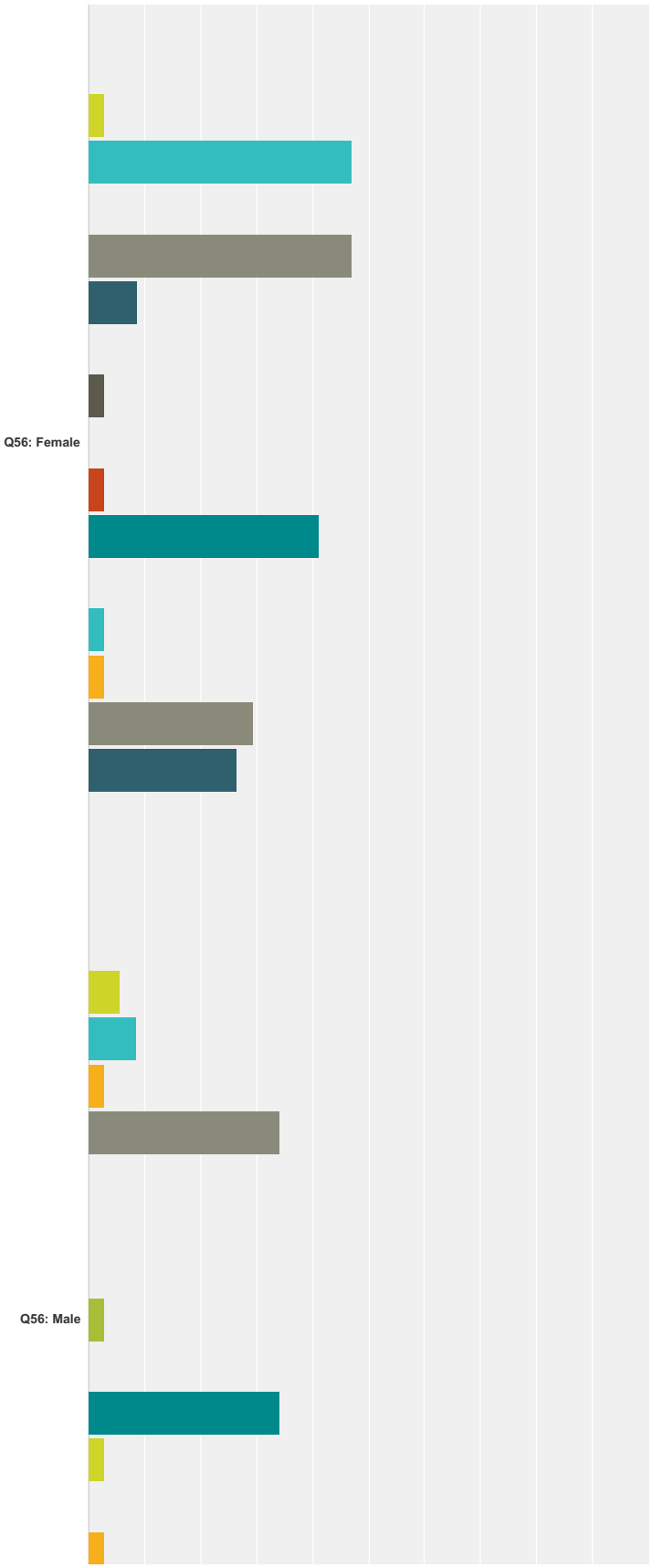
Answered: 69 Skipped: 0

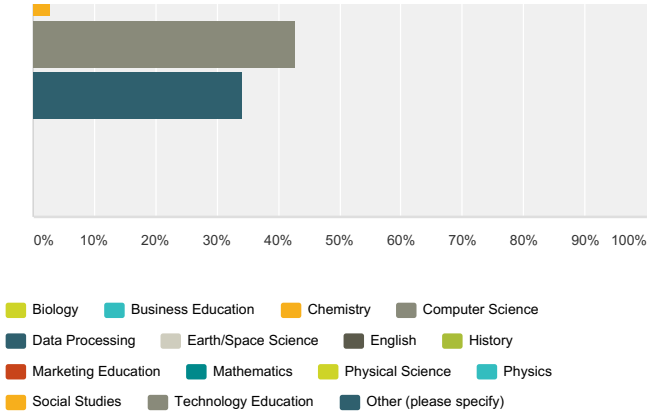


	Professional Eligibility Certificate (PEC)	Standard Professional Certificate I (SPC I)	Standard Professional Certificate II (SPCII)	Advanced Professional Certificate (APC)	Resident Teacher Certificate (RTC)	Conditional Certificate (COND)	Total
Q56: Female	**2.94%** 1	**5.88%** 2	**14.71%** 5	**82.35%** 28	**5.88%** 2	**0.00%** 0	38
Q56: Male	**11.43%** 4	**25.71%** 9	**14.29%** 5	**60.00%** 21	**8.57%** 3	**8.57%** 3	45
Total Respondents	5	11	10	49	5	3	69

Q50 In which of the following areas are you certified to teach in Maryland? (Check all that apply.)

Answered: 69 Skipped: 0

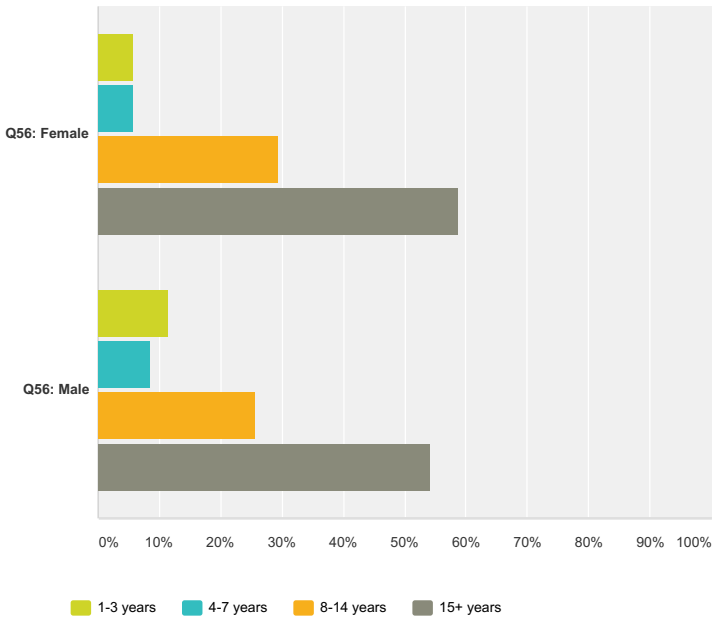




	Biology	Business Education	Chemistry	Computer Science	Data Processing	Earth/Space Science	English	History	Marketing Education	Mathematics	Physical Science	Physics	Social Studies	Technology Education	Other (pleas speci
Q56: Female	**2.94%** 1	**47.06%** 16	**0.00%** 0	**47.06%** 16	**8.82%** 3	**0.00%** 0	**2.94%** 1	**0.00%** 0	**2.94%** 1	**41.18%** 14	**0.00%** 0	**2.94%** 1	**2.94%** 1	**29.41%** 10	**26.4**
Q56: Male	**5.71%** 2	**8.57%** 3	**2.86%** 1	**34.29%** 12	**0.00%** 0	**0.00%** 0	**0.00%** 0	**2.86%** 1	**0.00%** 0	**34.29%** 12	**2.86%** 1	**0.00%** 0	**2.86%** 1	**42.86%** 15	**34.2**
Total Respondents	3	19	1	28	3	0	1	1	1	26	1	1	2	25	21

Q51 How many years have you been teaching?

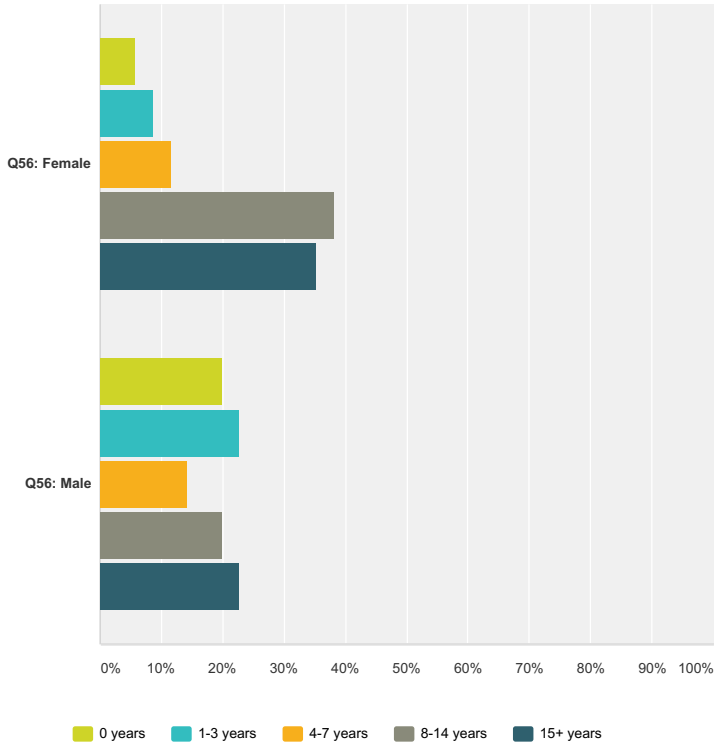
Answered: 69 Skipped: 0



	1-3 years	4-7 years	8-14 years	15+ years	Total
Q56: Female	**5.88%** 2	**5.88%** 2	**29.41%** 10	**58.82%** 20	34
Q56: Male	**11.43%** 4	**8.57%** 3	**25.71%** 9	**54.29%** 19	35
Total Respondents	6	5	19	39	69

Q52 How many years have you been teaching CS/IT?

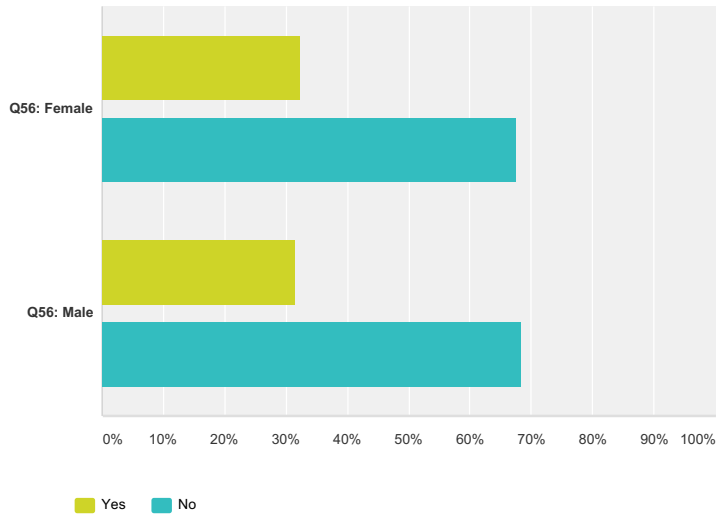
Answered: 69 Skipped: 0



	0 years	1-3 years	4-7 years	8-14 years	15+ years	Total
Q56: Female	**5.88%** 2	**8.82%** 3	**11.76%** 4	**38.24%** 13	**35.29%** 12	34
Q56: Male	**20.00%** 7	**22.86%** 8	**14.29%** 5	**20.00%** 7	**22.86%** 8	35
Total Respondents	9	11	9	20	20	69

Q53 Did you work in the CS/IT industry prior to teaching?

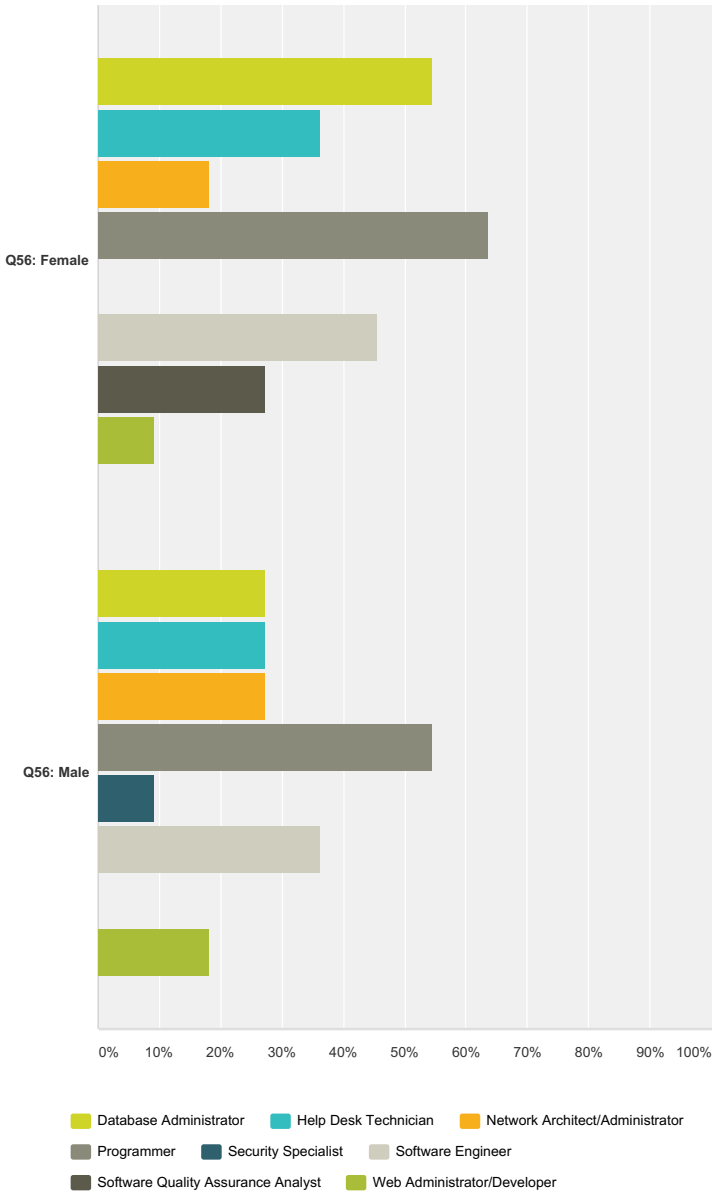
Answered: 69 Skipped: 0



	Yes	No	Total
Q56: Female	**32.35%** 11	**67.65%** 23	34
Q56: Male	**31.43%** 11	**68.57%** 24	35
Total Respondents	22	47	69

Q54 What type of CS industry job did you previously have before you became a CS teacher? (Check all that apply.)

Answered: 22 Skipped: 47

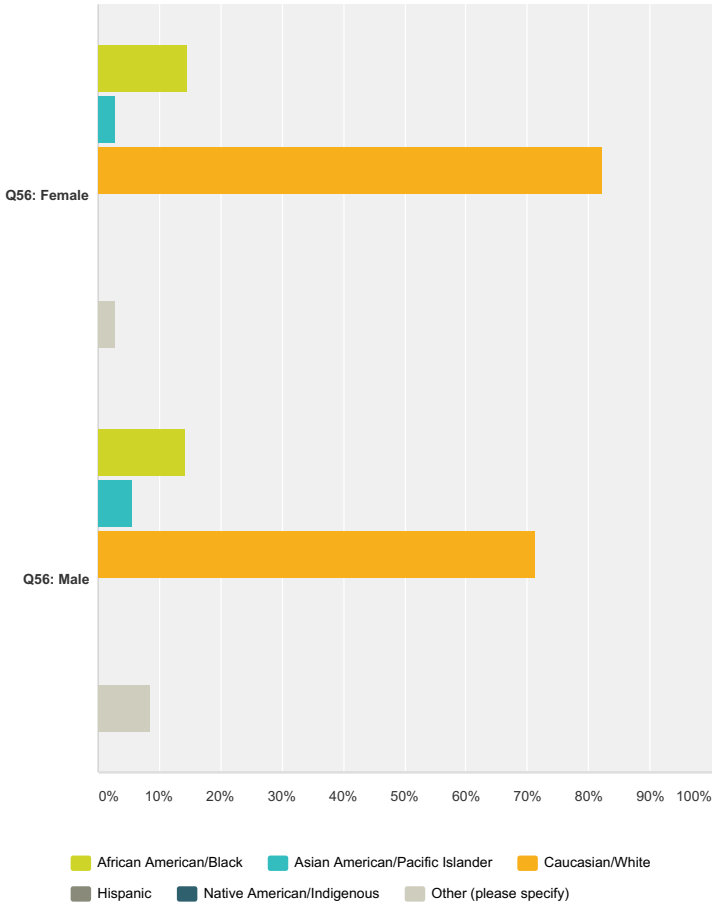


	Database Administrator	Help Desk Technician	Network Architect/Administrator	Programmer	Security Specialist	Software Engineer	Software Quality Assurance Analyst	Web Administrator/Developer	Total
Q56: Female	**54.55%** 6	**36.36%** 4	**18.18%** 2	**63.64%** 7	**0.00%** 0	**45.45%** 5	**27.27%** 3	**9.09%** 1	28
Q56: Male	**27.27%** 3	**27.27%** 3	**27.27%** 3	**54.55%** 6	**9.09%** 1	**36.36%** 4	**0.00%** 0	**18.18%** 2	22
Total Respondents	9	7	5	13	1	9	3	3	22

	Other (please specify)	Total
Q56: Female	3	3
Q56: Male	0	0

Q55 How do you identify yourself? (Check all that apply.)

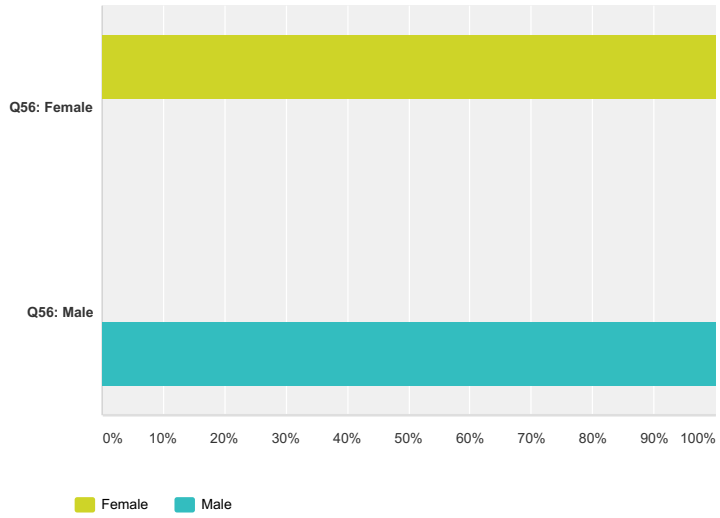
Answered: 69 Skipped: 0



	African American/Black	Asian American/Pacific Islander	Caucasian/White	Hispanic	Native American/Indigenous	Other (please specify)	Total
Q56: Female	**14.71%** 5	**2.94%** 1	**82.35%** 28	**0.00%** 0	**0.00%** 0	**2.94%** 1	35
Q56: Male	**14.29%** 5	**5.71%** 2	**71.43%** 25	**0.00%** 0	**0.00%** 0	**8.57%** 3	35
Total Respondents	10	3	53	0	0	4	69

Q56 Sex:

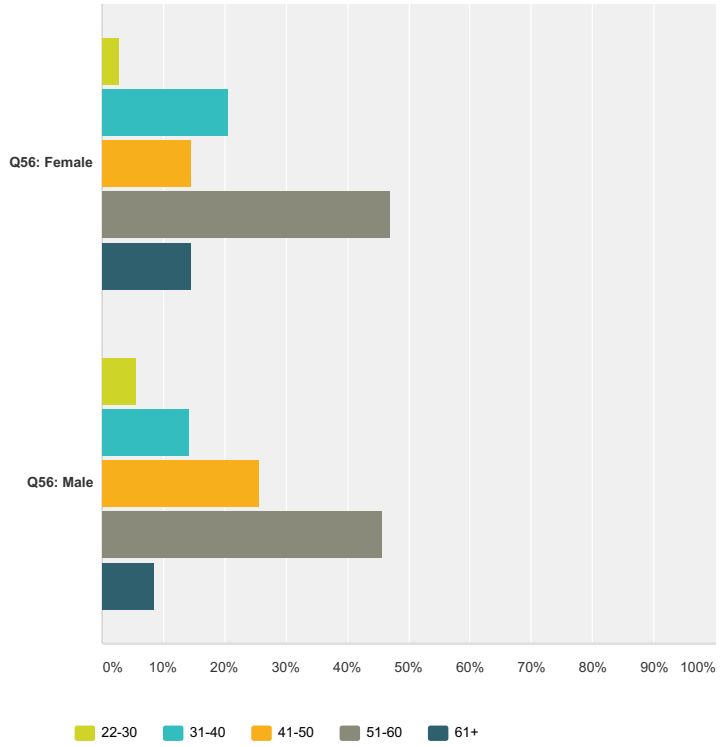
Answered: 69 Skipped: 0



	Female	Male	Total
Q56: Female	**100.00%** 34	**0.00%** 0	34
Q56: Male	**0.00%** 0	**100.00%** 35	35
Total Respondents	34	35	69

Q57 What is your age?

Answered: 69 Skipped: 0



	22-30	31-40	41-50	51-60	61+	Total
Q56: Female	**2.94%** 1	**20.59%** 7	**14.71%** 5	**47.06%** 16	**14.71%** 5	34
Q56: Male	**5.71%** 2	**14.29%** 5	**25.71%** 9	**45.71%** 16	**8.57%** 3	35
Total Respondents	3	12	14	32	8	69