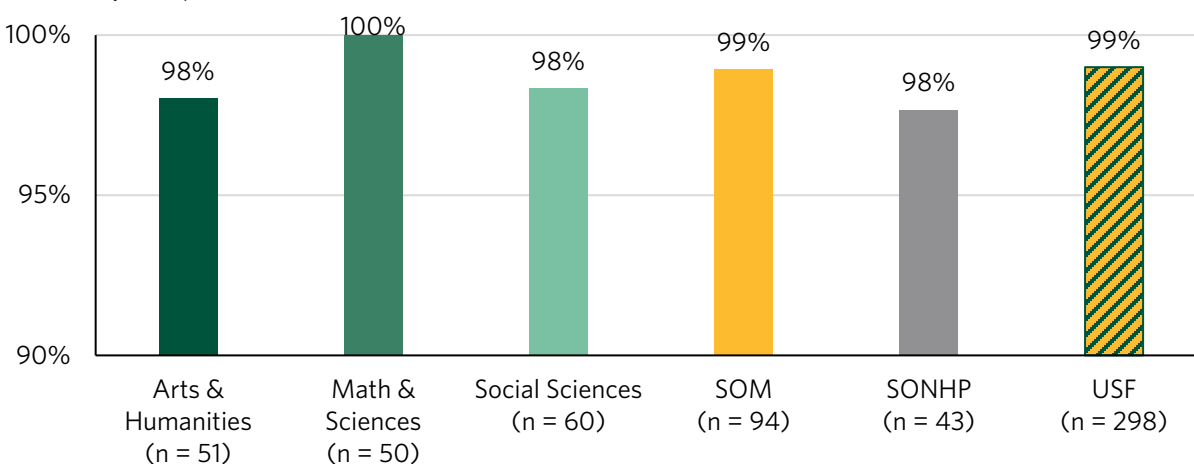


**CONCEPTS AND ITEM ANALYSIS****University of San Francisco**

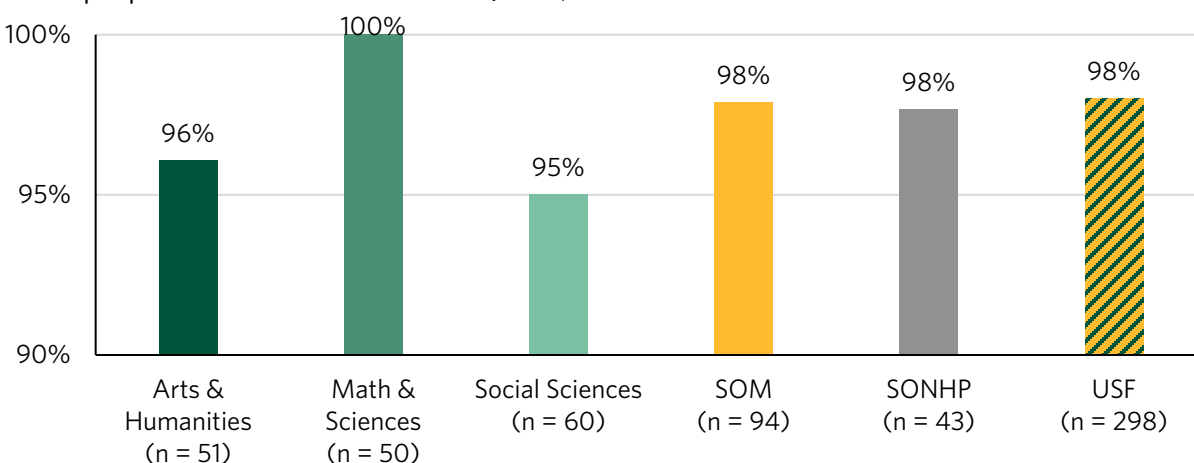
## Office of Assessment and Accreditation Support

**Qs 1 – 5.** The first five questions tested students' ability to identify basic statistical terms: mean (Q1), median (Q2), mode (Q3), standard deviation (Q4), and correlation coefficient (Q5).

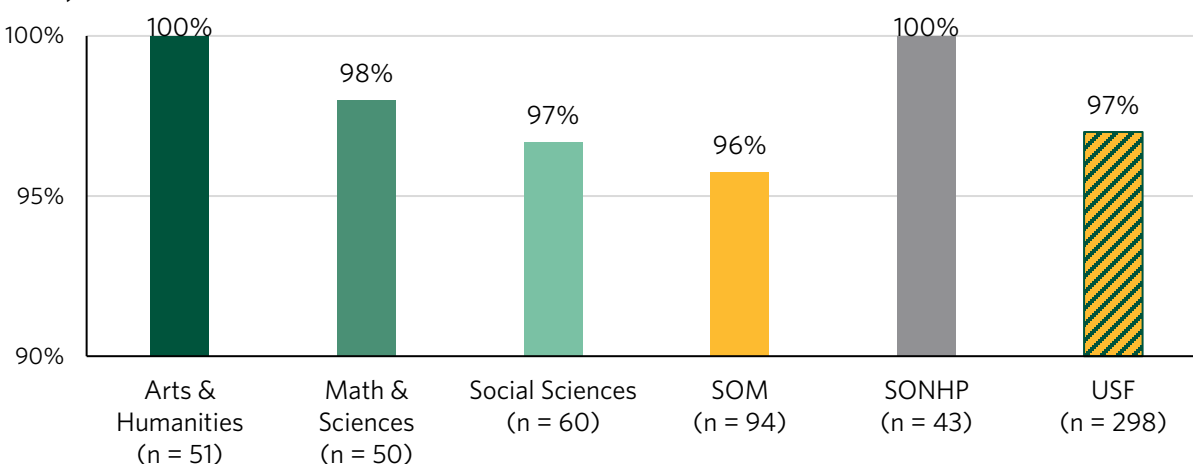
**Q1.** 99% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (100%) and Arts & Humanities, Social Sciences, and School of Nursing & Health Professions students tied for the lowest proportion of correct answers (98%).



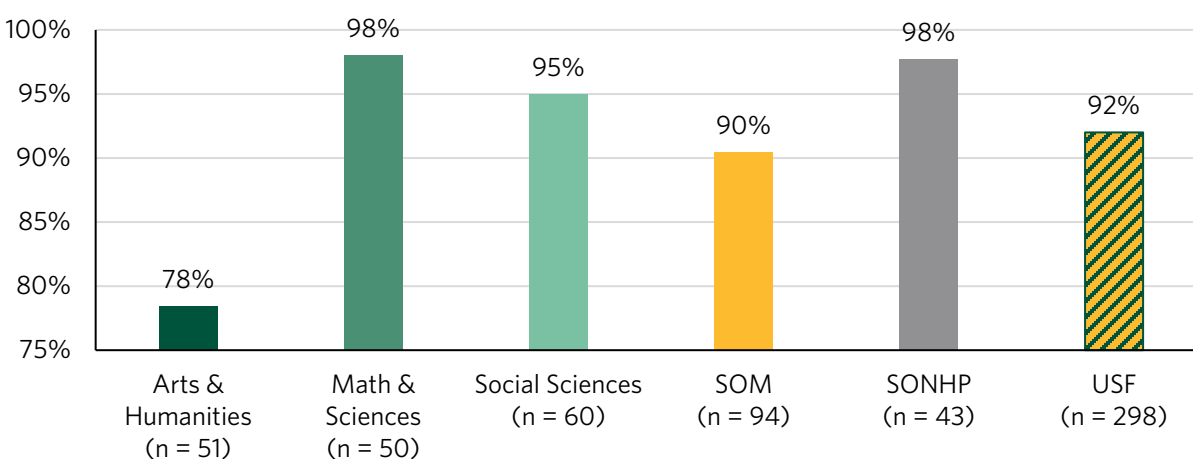
**Q2.** 98% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (100%) and Arts & Humanities students earned the lowest proportion of correct answers (95%).



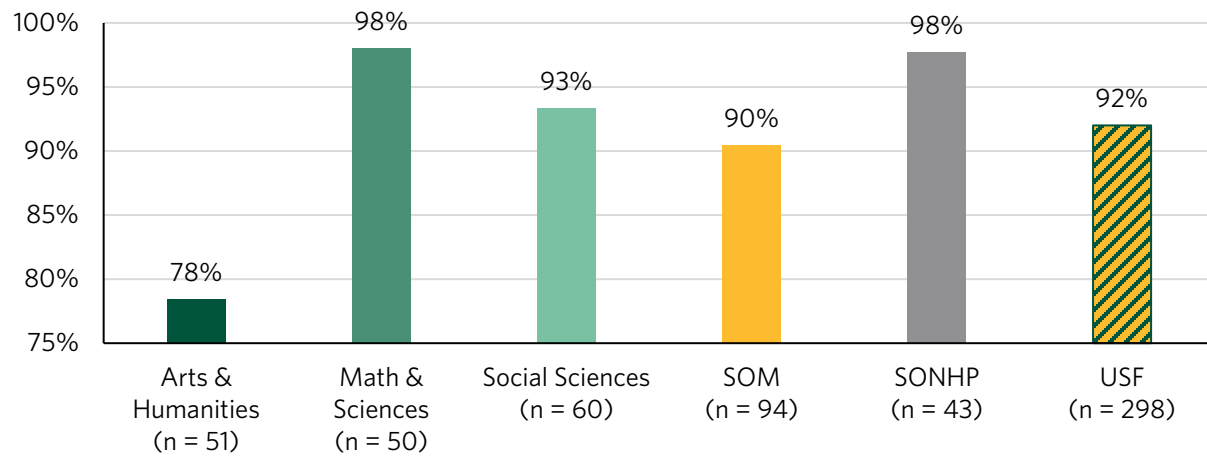
**Q3.** 97% of students correctly answered this question. Arts & Humanities and School of Nursing & Health Professions students tied for the highest proportion of correct answers (100%) and School of Management students earned the lowest proportion of correct answers (96%).



**Q4.** 92% of students correctly answered this question. Math & Sciences and School of Nursing & Health Professions students tied for the highest proportion of correct answers (98%) and Arts & Humanities students earned the lowest proportion of correct answers (78%).

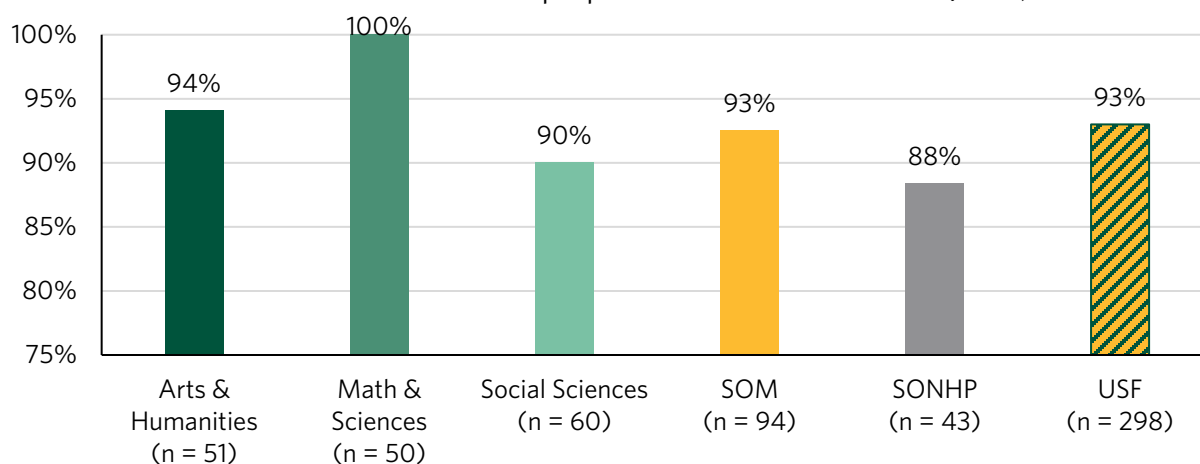


**Q5.** 92% of students correctly answered this question. Math & Sciences and School of Nursing & Health Professions students tied for the highest proportion of correct answers (98%) and Arts & Humanities students earned the lowest proportion of correct answers (78%).

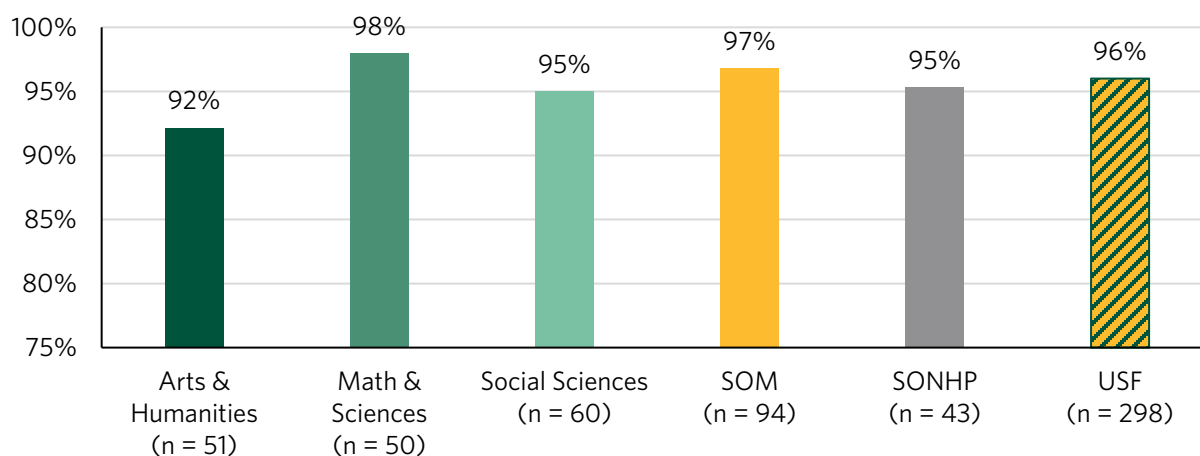


**Qs 6 - 9.** The next four items tested students' understanding of basic statistics (mean, frequency distribution), apply this knowledge to a histogram, and draw accurate conclusions.

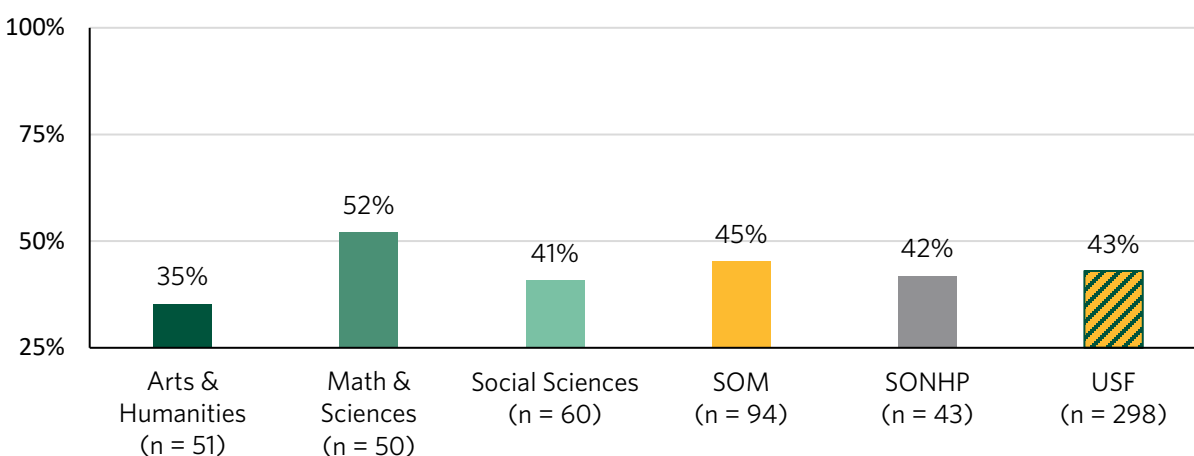
**Q6.** 93% of students correctly answered this question. Math & Sciences students received the highest proportion of correct answers (100%) and School of Nursing and Health Professions students received the lowest proportion of correct answers (88%).



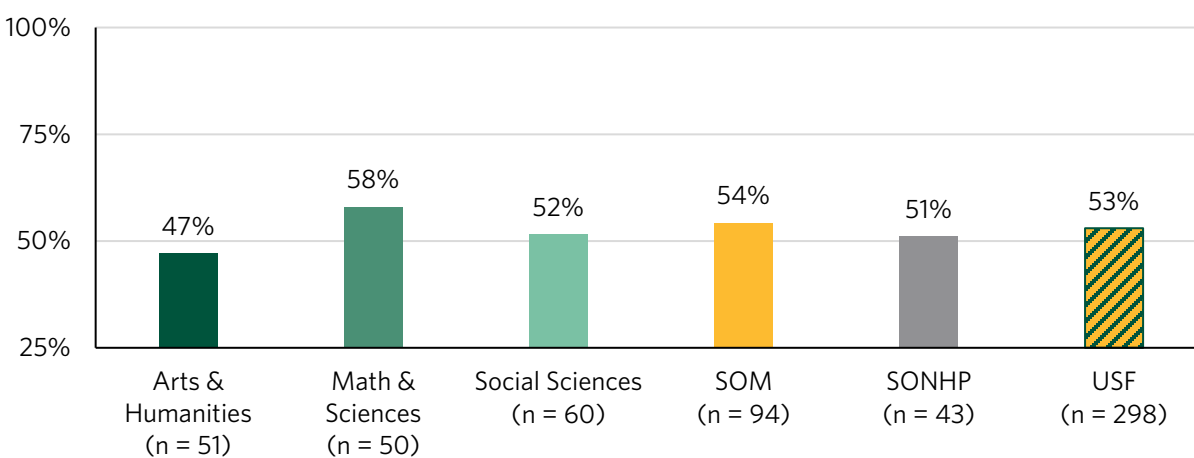
**Q7.** 96% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (98%) and Arts & Humanities students earned the lowest proportion of correct answers (92%).



**Q8.** 43% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (52%) and Arts & Humanities students earned the lowest proportion of correct answers (35%).

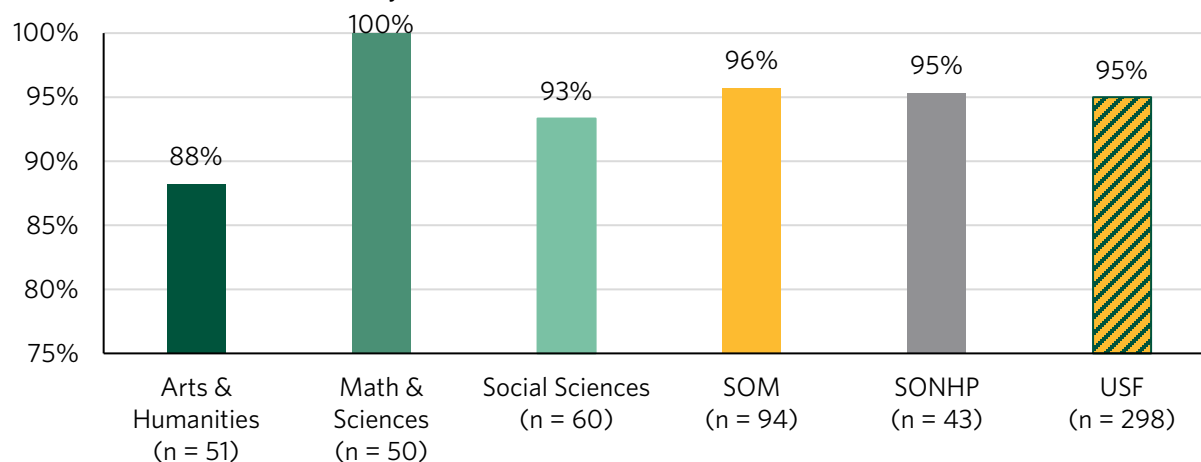


**Q9.** 53% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (58%) and Arts & Humanities students received the lowest proportion of correct answers (47%).

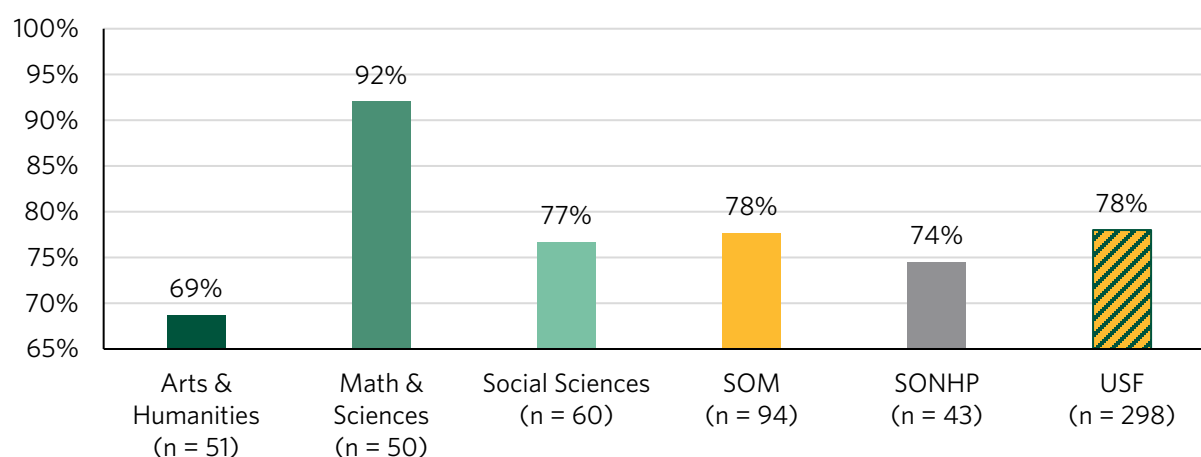


**Qs 10 - 11.** This question tested students' ability to identify functional growth as it applies to environmental atmospheric CO<sub>2</sub> levels (depicted as a figure) and draw accurate conclusions based on this figure.

**Q10.** 95% of students correctly answered this question. The highest proportion of correct answers were made by Math & Sciences students (100%) and the lowest proportion of correct answers were made by Arts & Humanities students (88%).

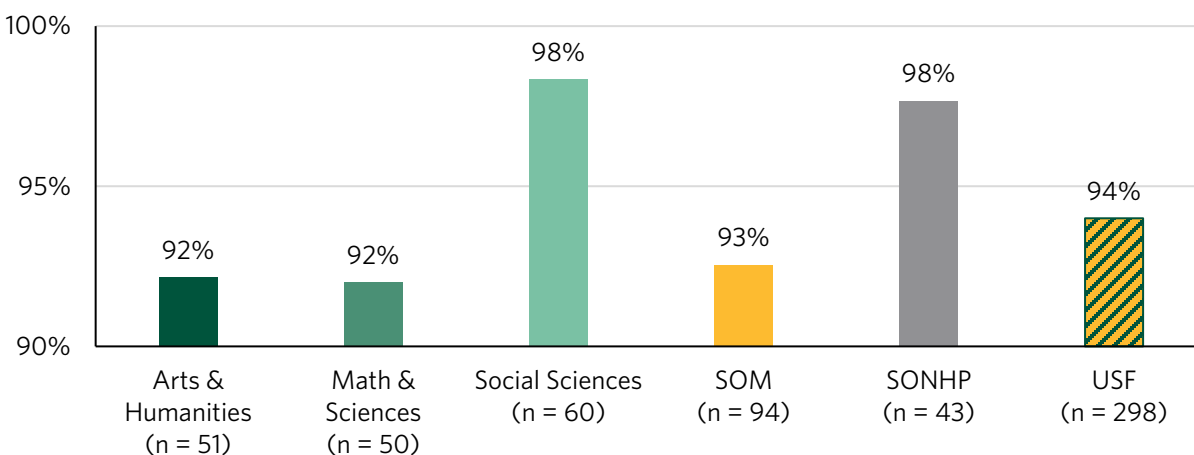


**Q11.** 78% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (92%) and Arts & Humanities students earned the lowest proportion of correct answers (69%).

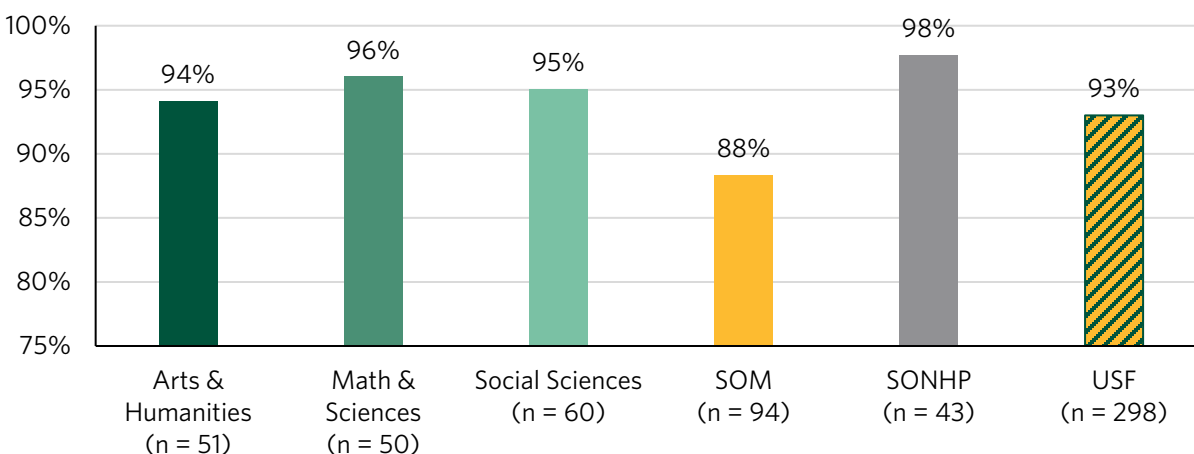


**Qs 12 – 13.** These two questions tested students' ability to identify components of a table that outline sexual health data and explain the interrelations from the data depicted in that table.

**Q12.** 94% of students correctly answered this question. Social Sciences and School of Nursing & Health Professions students tied for the highest proportion of correct answers (98%) and Arts & Humanities and Math & Sciences tied for the lowest proportion of correct answers (92%).

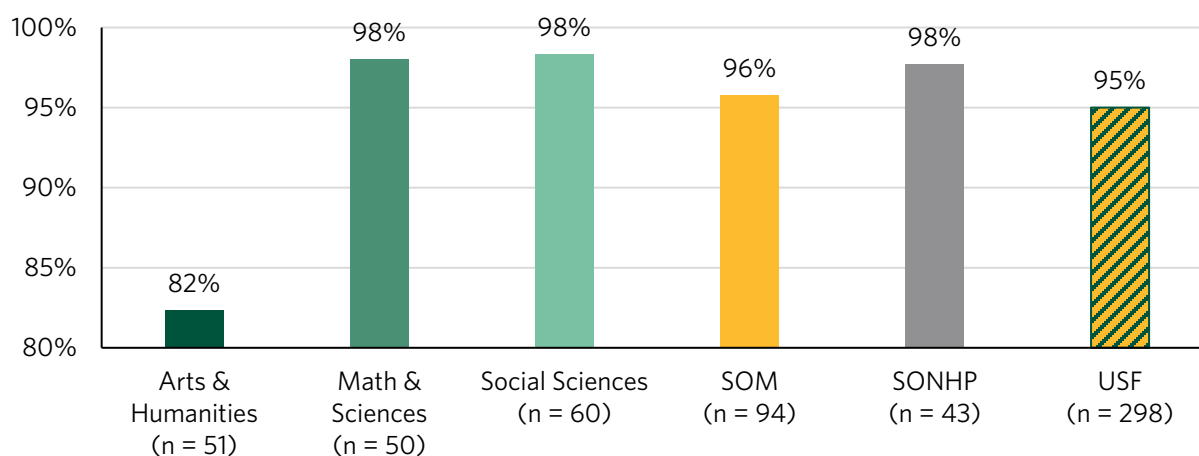


**Q13.** 93% of students correctly answered this question. School of Nursing & Health Professions students earned the highest proportion of correct answers (98%) and School of Management students earned the lowest proportion of correct answers (88%).



**Q14 - 15.** These two questions presented students with a pie chart that outlined a couple's budget, and tested students' ability to make judgements and draw conclusions to a specified problem based on the information communicated in the pie chart.

**Q14.** 95% of students correctly answered this question. Math & Sciences, Social Sciences, and School of Nursing & Health Professions students tied for the highest proportion of correct answers (98%) and Arts & Humanities students earned the lowest proportion of correct answers (82%).



**Q15.** 58% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (62%) and School of Nursing & Health Professions students earned the lowest proportion of correct answers (51%).

