

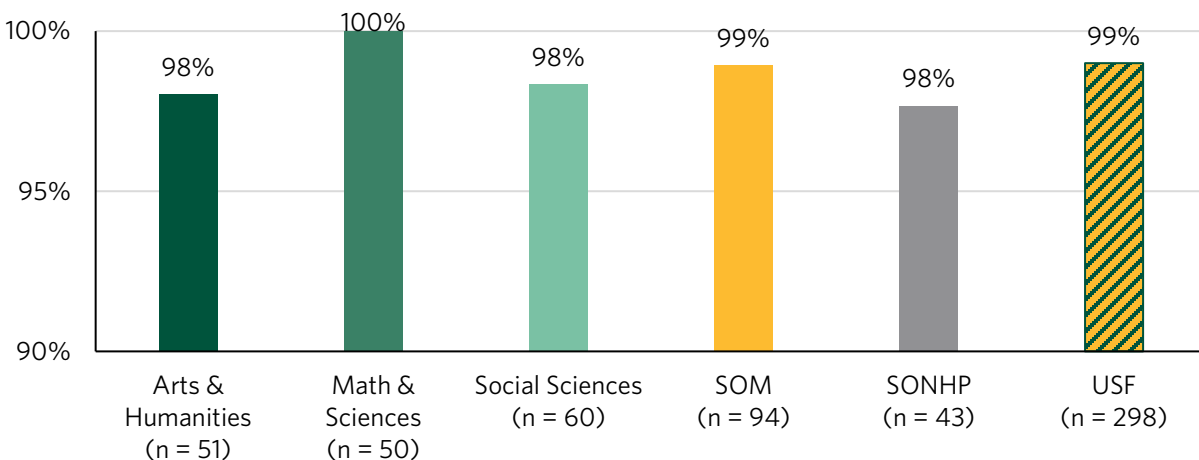
CONTENT AND ITEM ANALYSIS

University of San Francisco

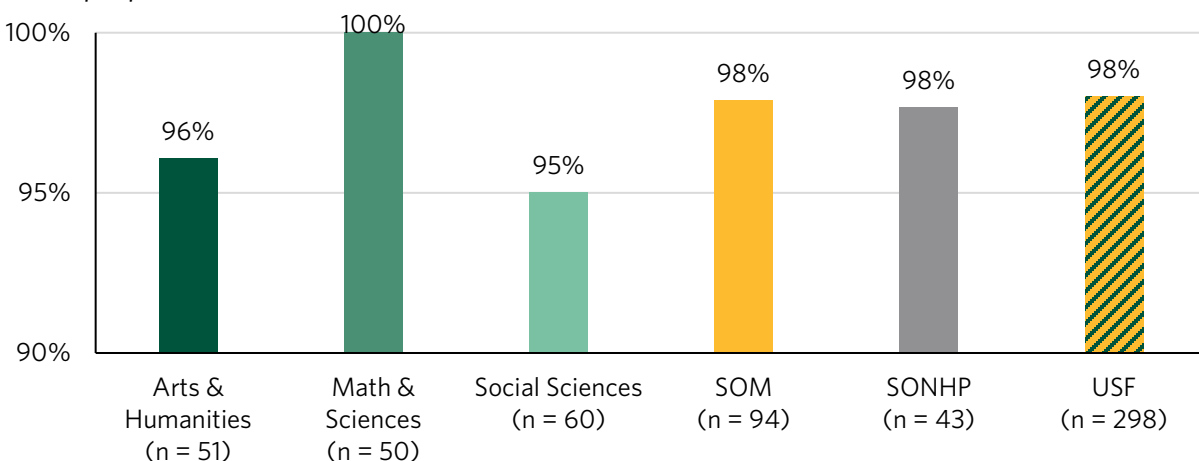
Office of Assessment and Accreditation Support

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).

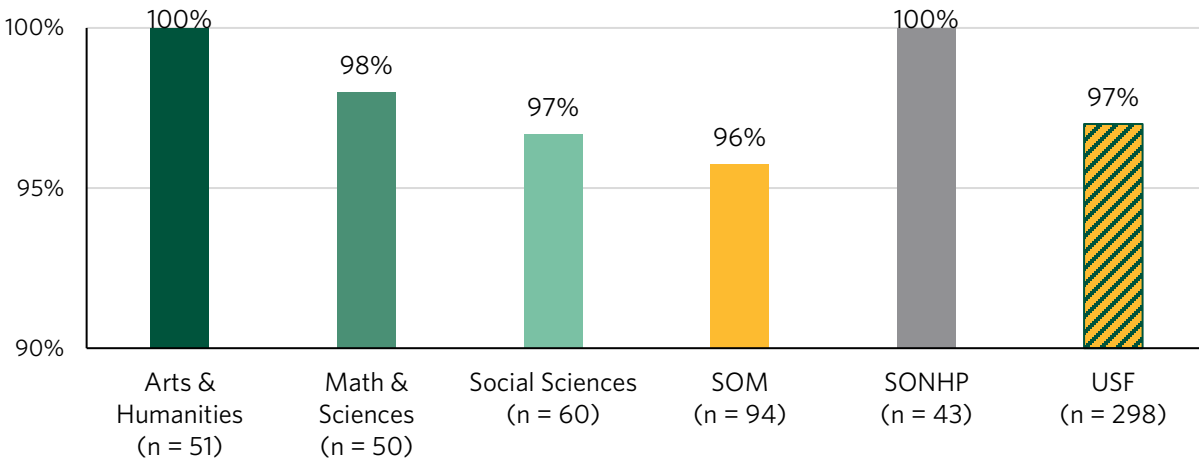
Q1. 99% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (100%) and Arts & Humanities, Social Sciences, and School of Nursing & Health Professions students tied for the lowest proportion of correct answers (98%).



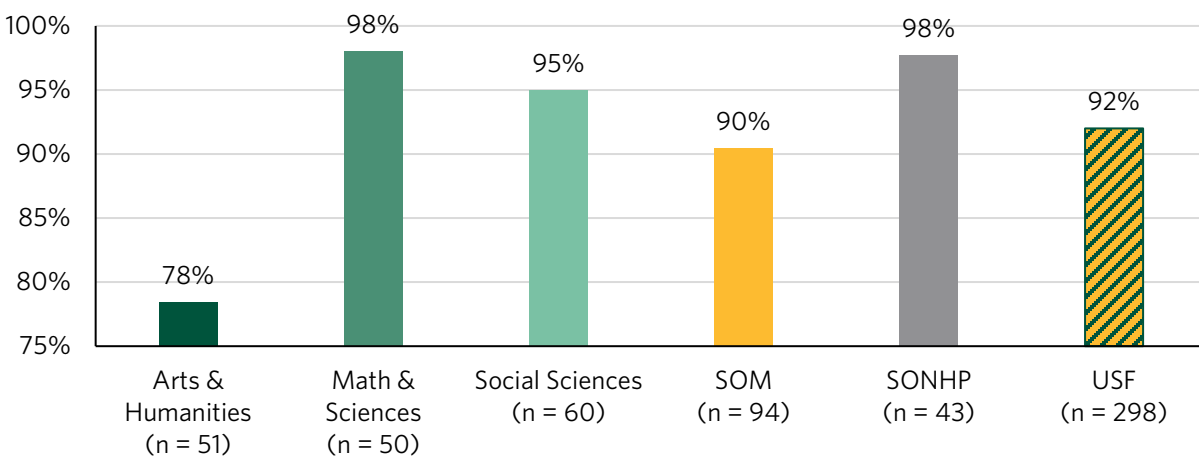
Q2. 98% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (100%) and Arts & Humanities students earned the lowest proportion of correct answers (95%).



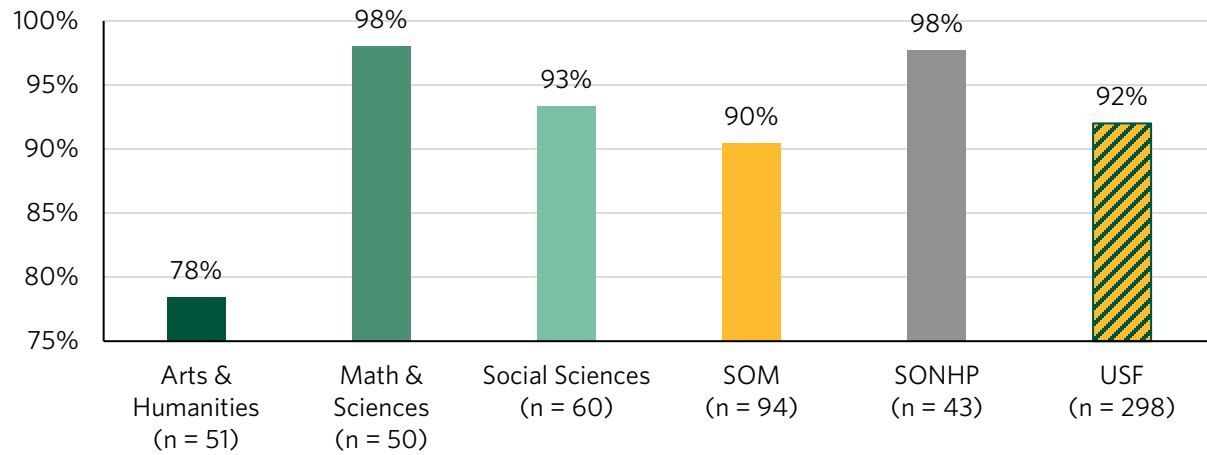
Q3. 97% of students correctly answered this question. Arts & Humanities and School of Nursing & Health Professions students tied for the highest proportion of correct answers (100%) and School of Management students earned the lowest proportion of correct answers (96%).



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%).

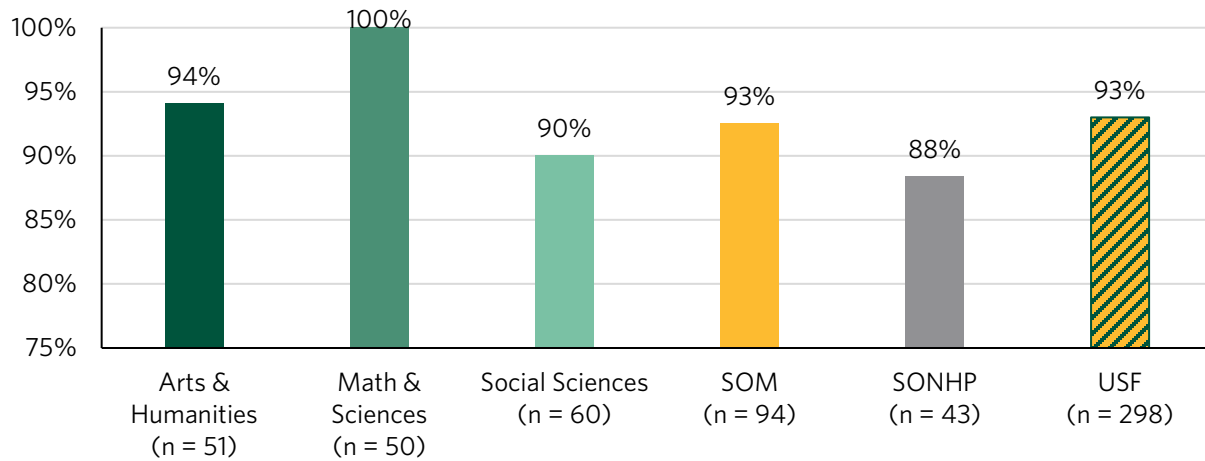


Q5. 92% of students correctly answered this question. Math & Sciences and School of Nursing & Health Professions students tied for the highest proportion of correct answers (98%) and Arts & Humanities students earned the lowest proportion of correct answers (78%).

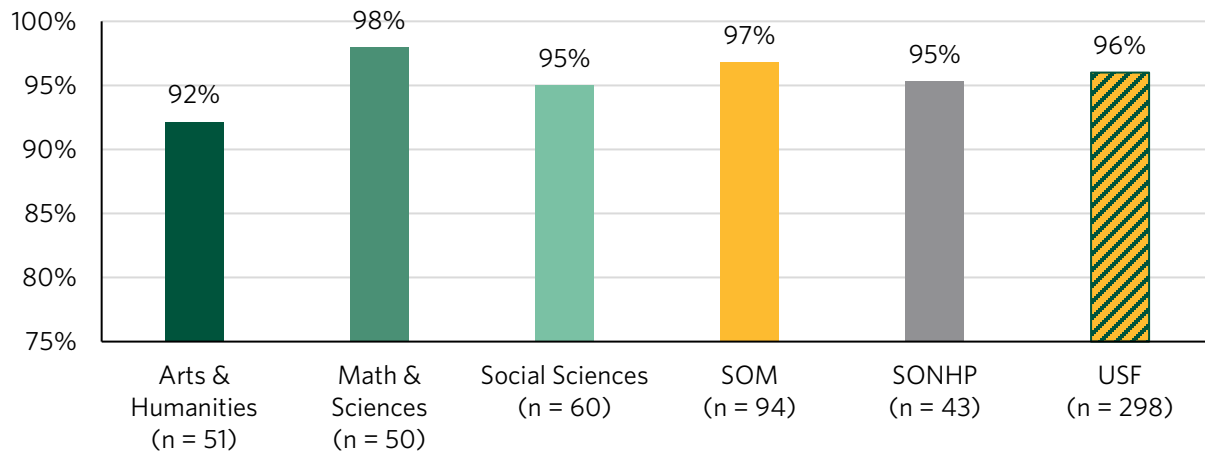


Qs 6 - 9. The next four items tested students' understanding of basic statistics (mean, frequency distribution), apply this knowledge to a histogram, and draw accurate conclusions.

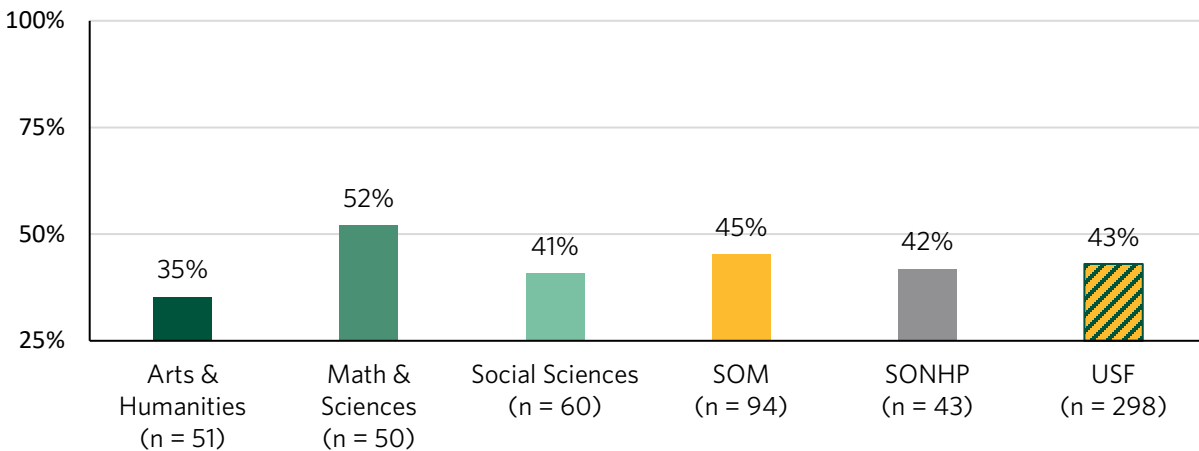
Q6. 93% of students correctly answered this question. Math & Sciences students received the highest proportion of correct answers (100%) and School of Nursing and Health Professions students received the lowest proportion of correct answers (88%).



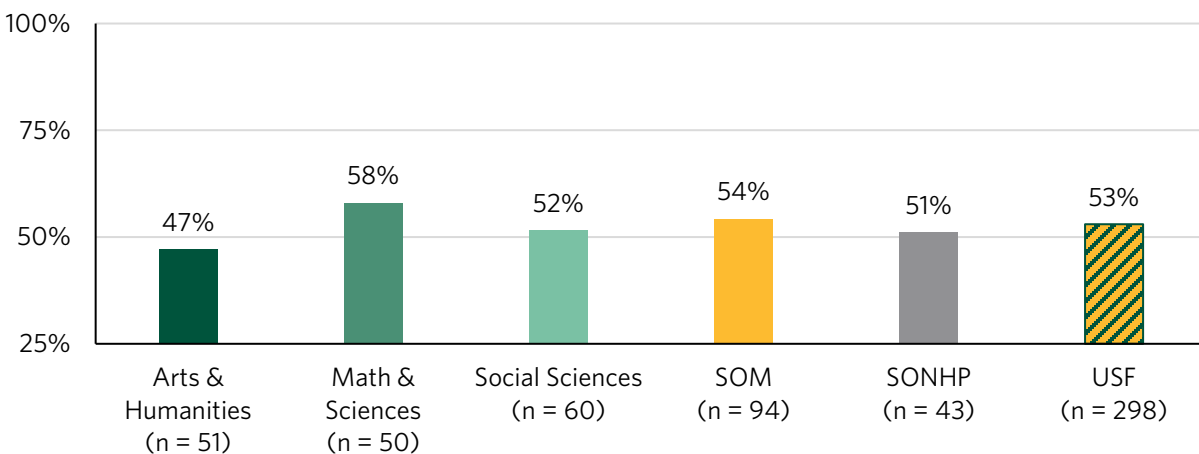
Q7. 96% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (98%) and Arts & Humanities students earned the lowest proportion of correct answers (92%).



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%).

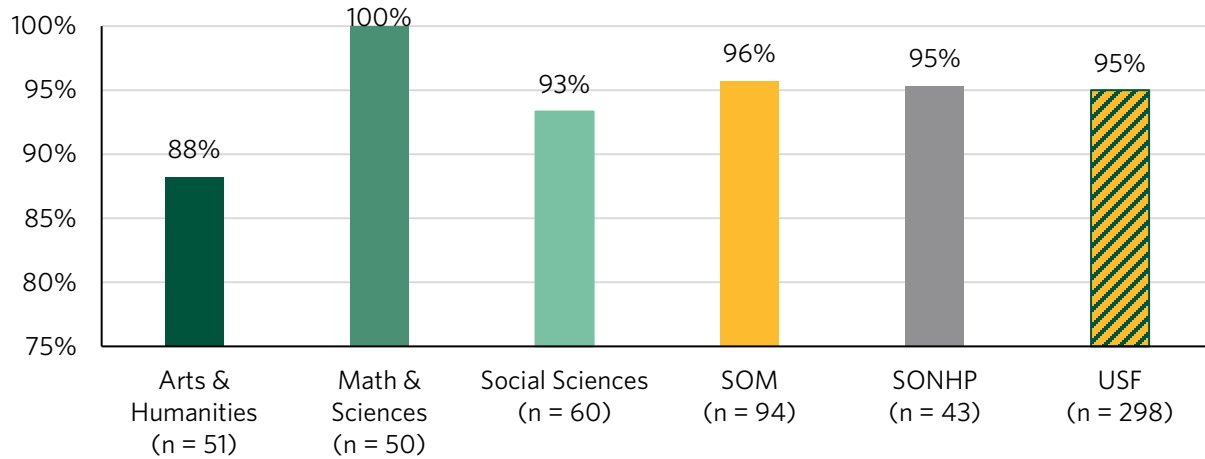


Q9. 53% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (58%) and Arts & Humanities students received the lowest proportion of correct answers (47%).

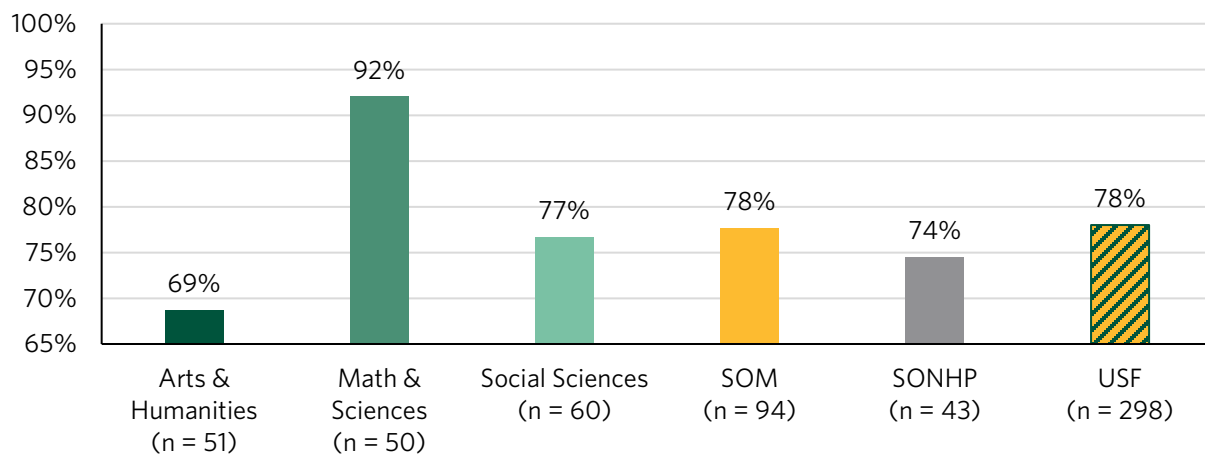


Qs 10 - 11. This question tested students' ability to identify functional growth as it applies to environmental atmospheric CO₂ levels (depicted as a figure) and draw accurate conclusions based on this figure.

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%).

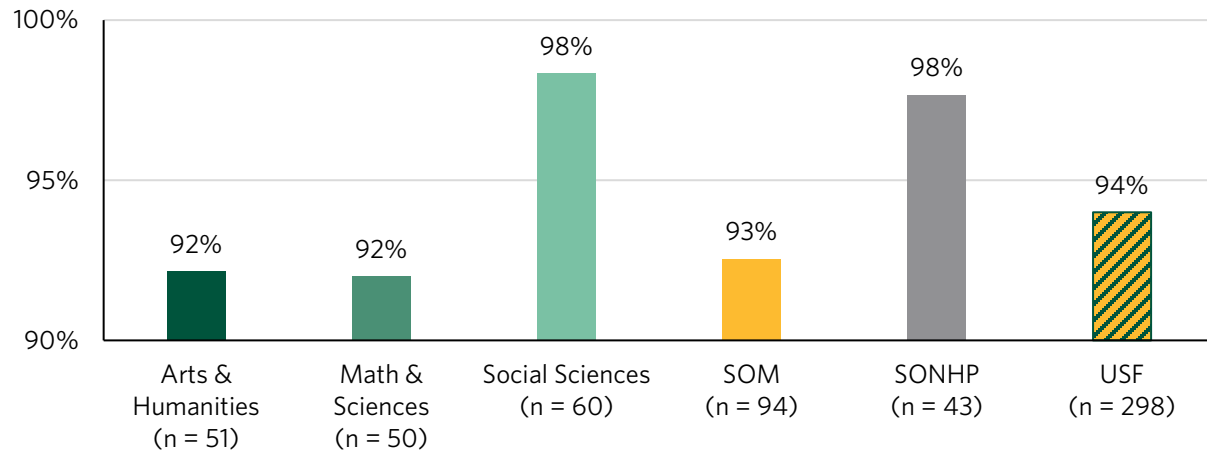


Q11. 78% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (92%) and Arts & Humanities students earned the lowest proportion of correct answers (69%).

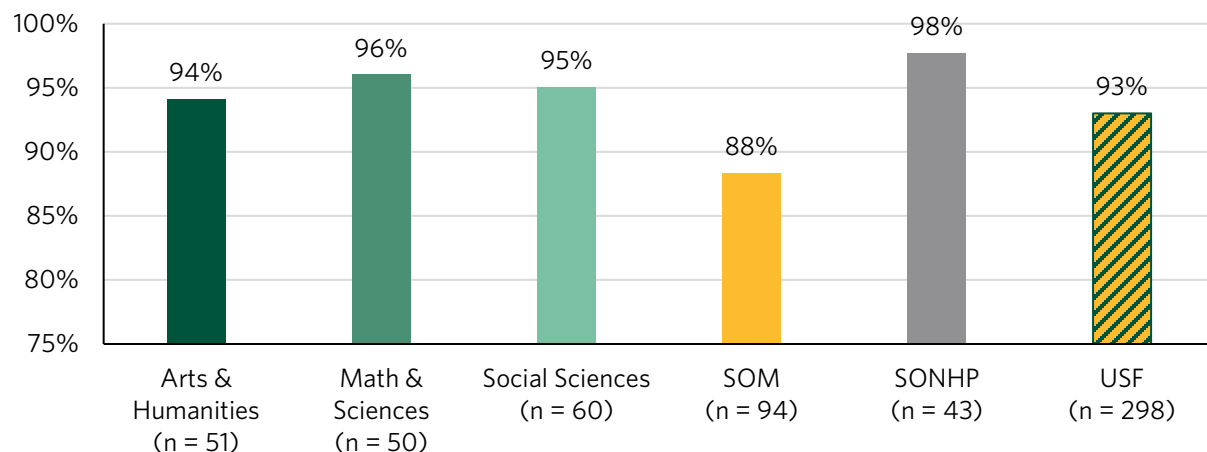


Qs 12 – 13. These two questions tested students' ability to identify components of a table that outline sexual health data and explain the interrelations from the data depicted in that table.

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%).

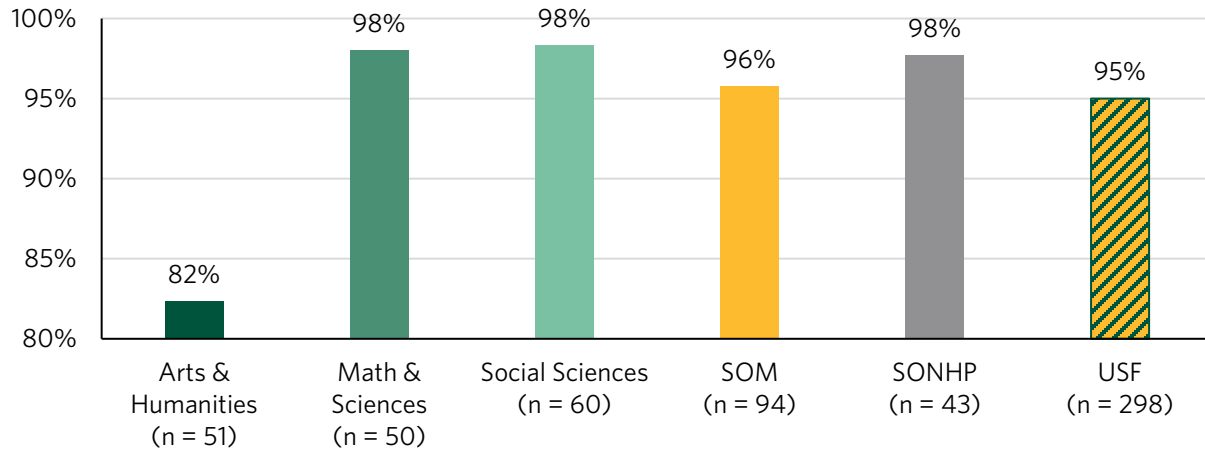


Q13. 93% of students correctly answered this question. School of Nursing & Health Professions students earned the highest proportion of correct answers (98%) and School of Management students earned the lowest proportion of correct answers (88%).



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%).

