

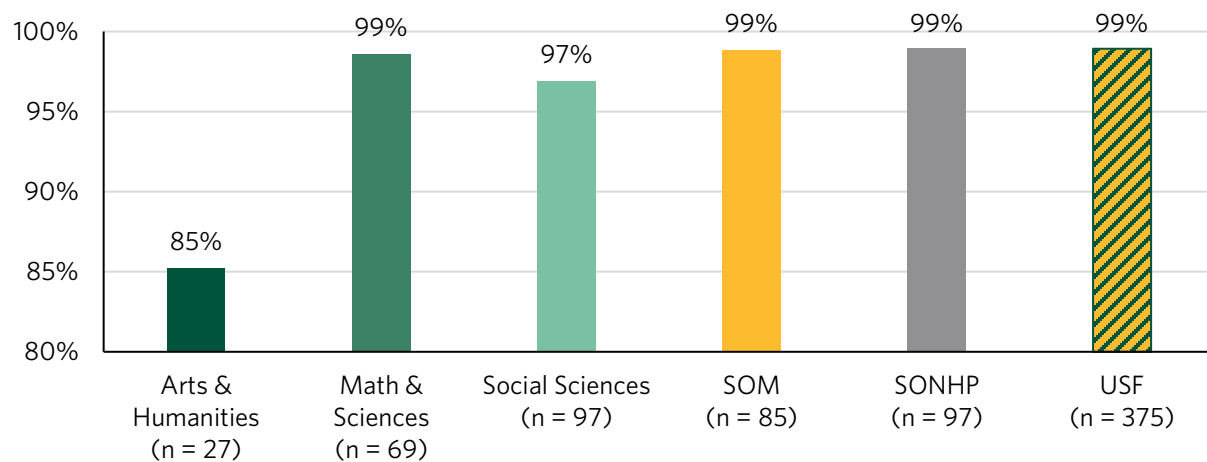
CONTENT AND ITEM ANALYSIS - 2018

University of San Francisco

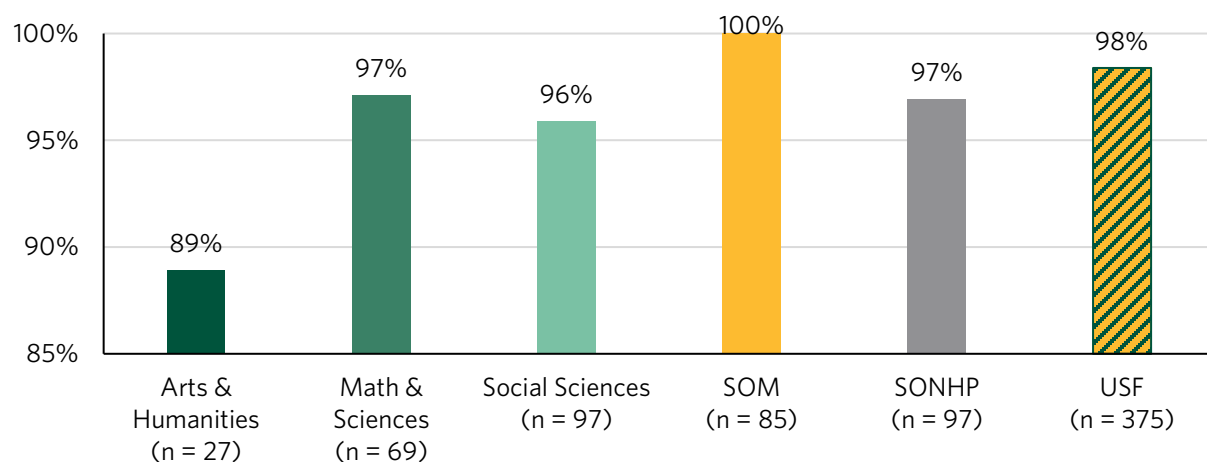
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Qs 1 - 5. The first five questions tested students' ability to identify basic statistical terms: mean (Q1), median (Q2), mode (Q3), standard deviation (Q4), and correlation coefficient (Q5).

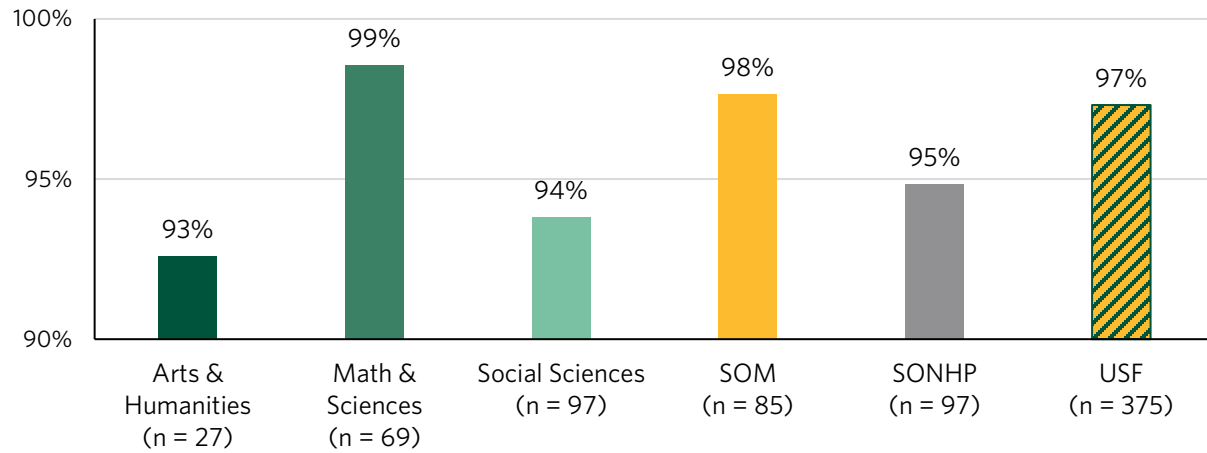
Q1. 99% of students correctly answered this question. Math & Sciences, School of Management, and School of Nursing & Health Professions students tied for the highest proportion of correct answers (99%). Arts & Humanities students earned the lowest proportion of correct answers (85%).



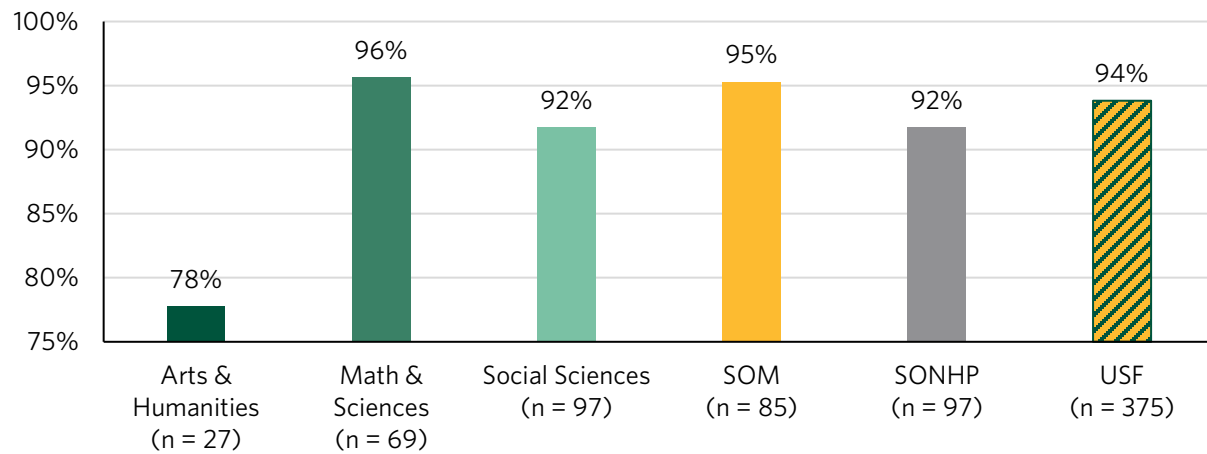
Q2. 98% of students correctly answered this question. School of Management students earned the highest proportion of correct answers (100%) and Arts & Humanities students earned the lowest proportion of correct answers (89%).



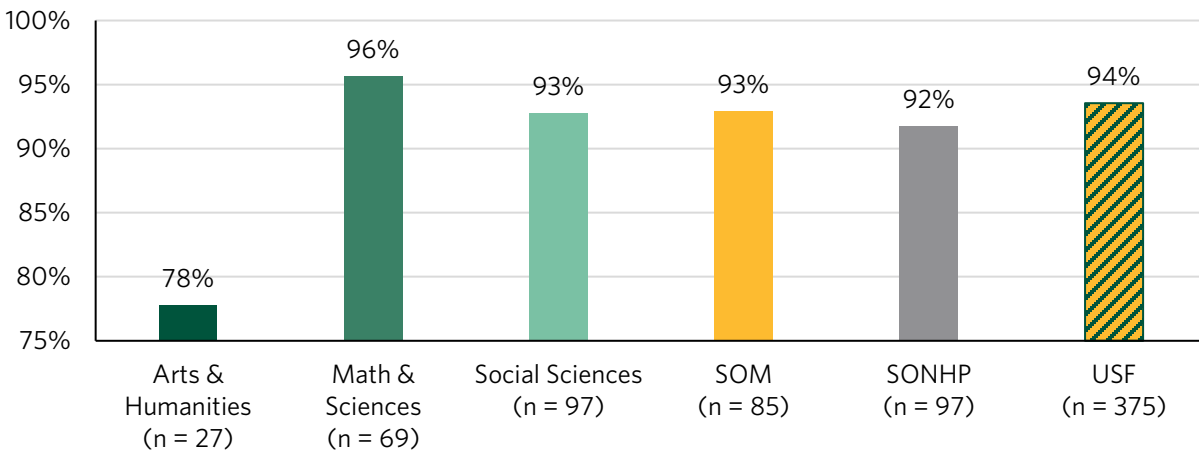
Q3. 97% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (99%) and Arts & Humanities students earned the lowest proportion of correct answer (93%).



Q4. 94% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (96%) and Arts & Humanities students earned the lowest proportion of correct answer (78%).

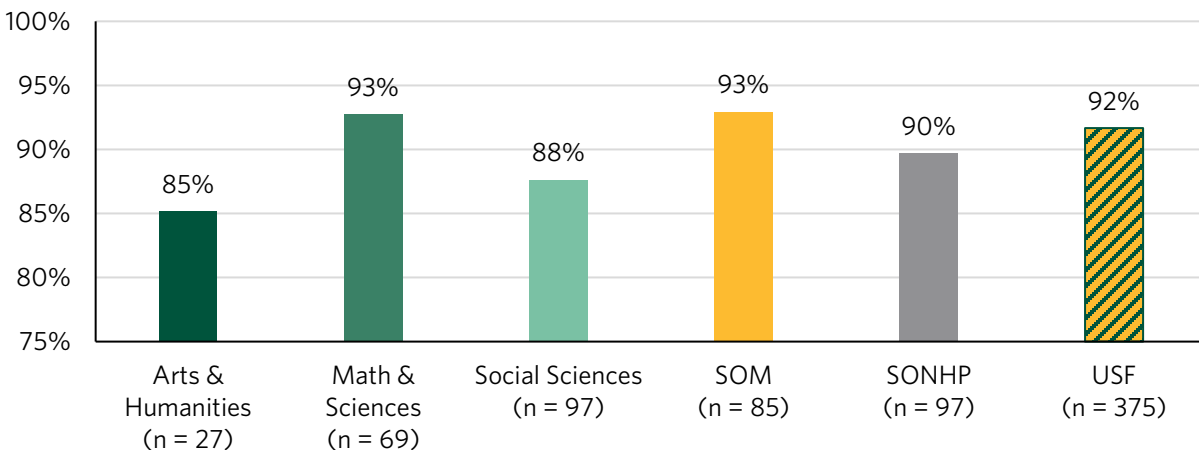


Q5. 94% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (96%) and Arts & Humanities students earned the lowest proportion of correct answer (78%).

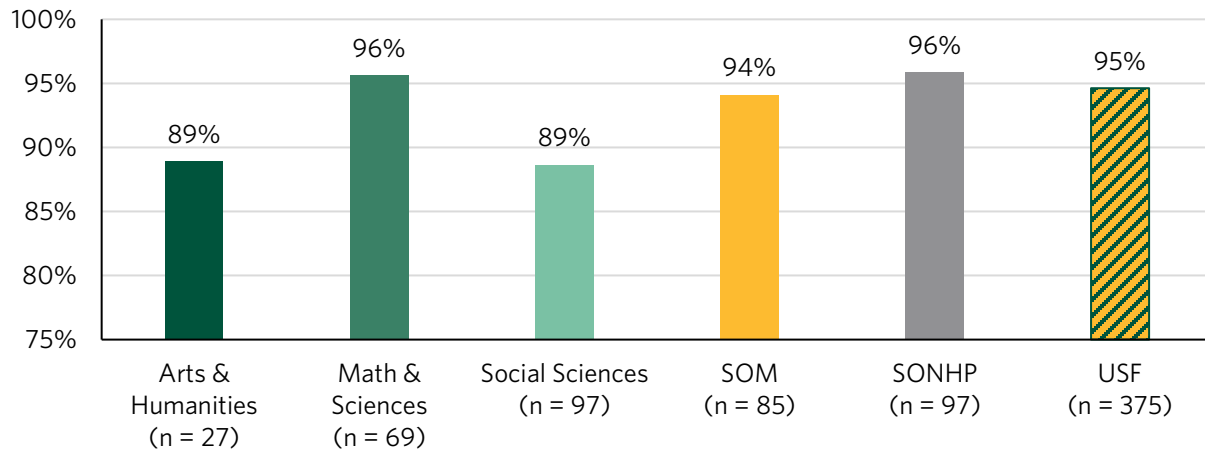


Qs 6 - 9. The next four items tested students' understanding of basic statistics (mean, frequency distribution), apply this knowledge to a histogram, and draw accurate conclusions.

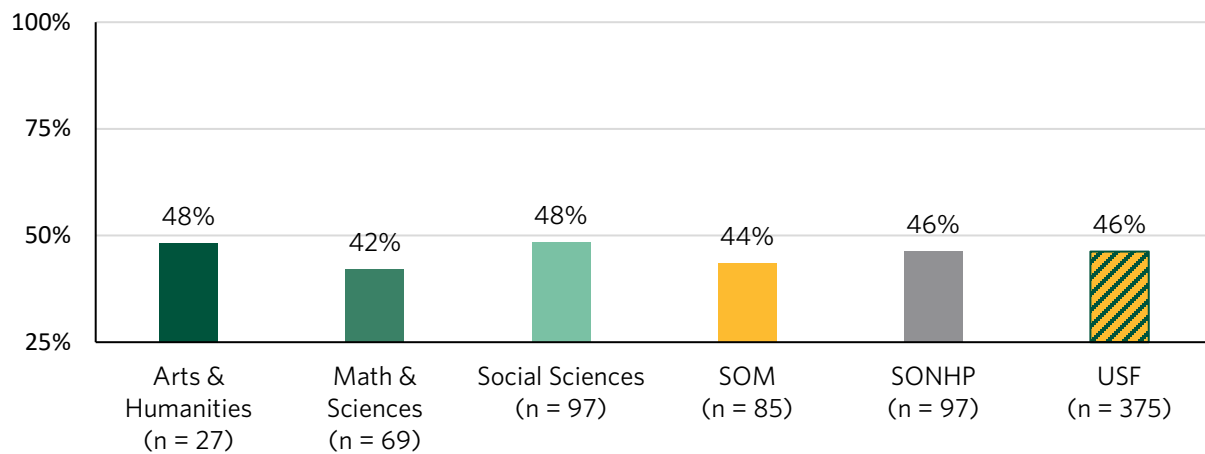
Q6. 92% of students correctly answered this question. Math & Sciences and School of Management students tied to earn the highest proportion of correct answers (93%) and Arts & Humanities students earned the lowest proportion of correct answers (85%).



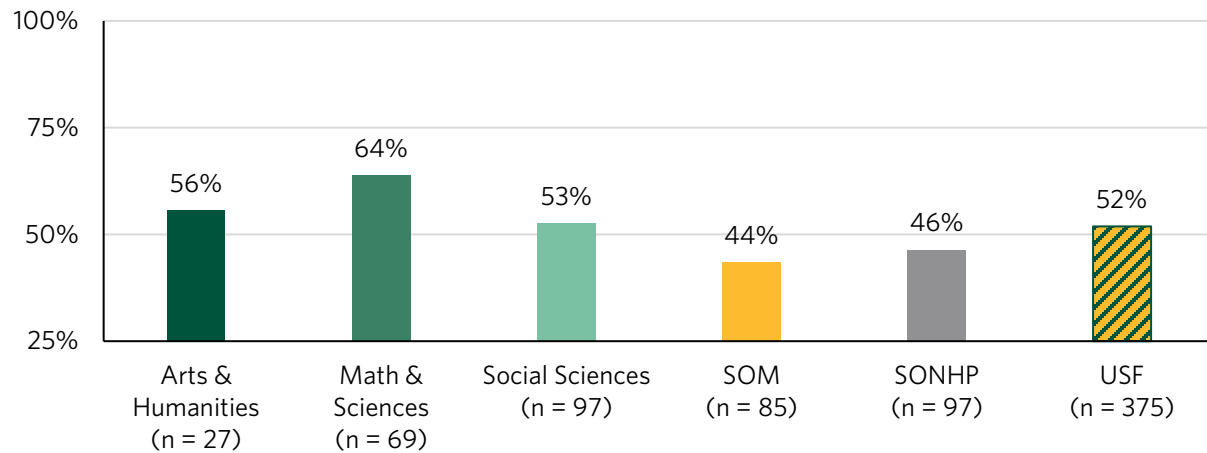
Q7. 95% of students correctly answered this question. Math & Sciences and School of Nursing & Health Professions students tied to earn the highest proportion of correct answers (96%) and Arts & Humanities and Social Sciences students tied to earn the lowest proportion of correct answers (89%).



Q8. 46% of students correctly answered this question. Arts & Humanities and Social Sciences students tied for the highest proportion of correct answers (48%) and Math & Sciences students earned the lowest proportion of correct answers (42%).

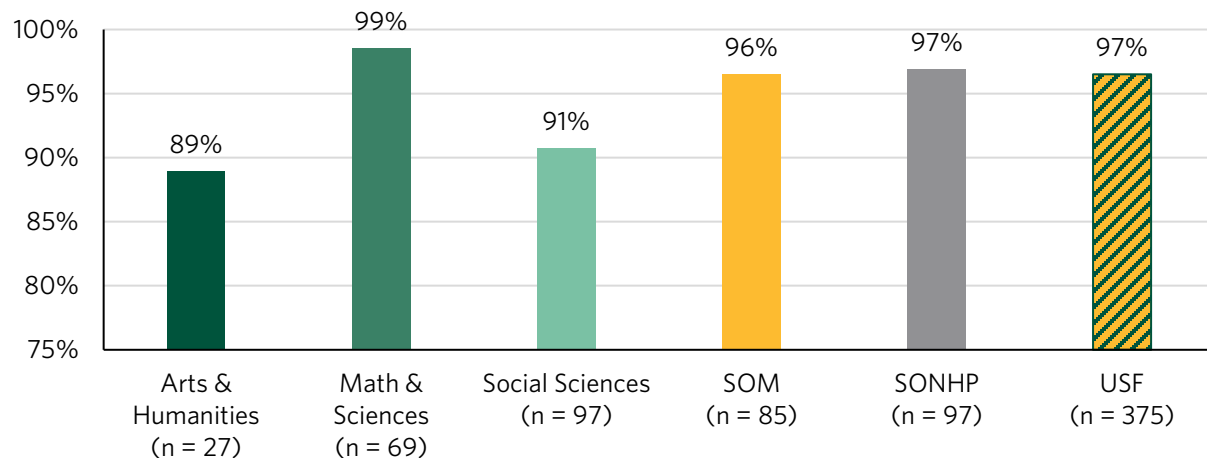


Q9. 52% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (64%) and School of Management students received the lowest proportion of correct answers (44%).

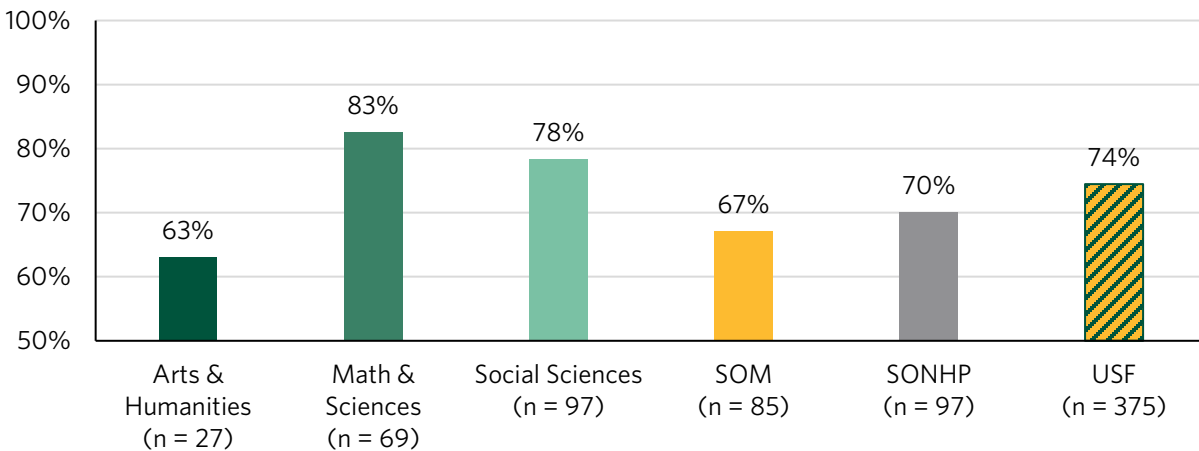


Qs 10 - 11. This question tested students' ability to identify functional growth as it applies to environmental atmospheric CO₂ levels (depicted as a figure) and draw accurate conclusions based on this figure.

Q10. 97% of students correctly answered this question. The highest proportion of correct answers were made by Math & Sciences students (99%) and the lowest proportion of correct answers were made by Arts & Humanities students (89%).

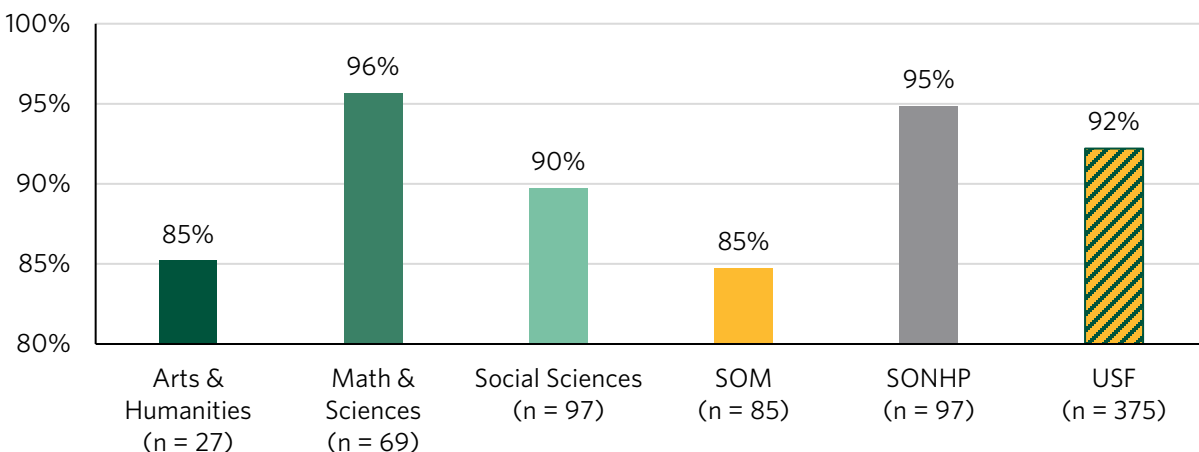


Q11. 74% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (83%) and Arts & Humanities students earned the lowest proportion of correct answers (63%).

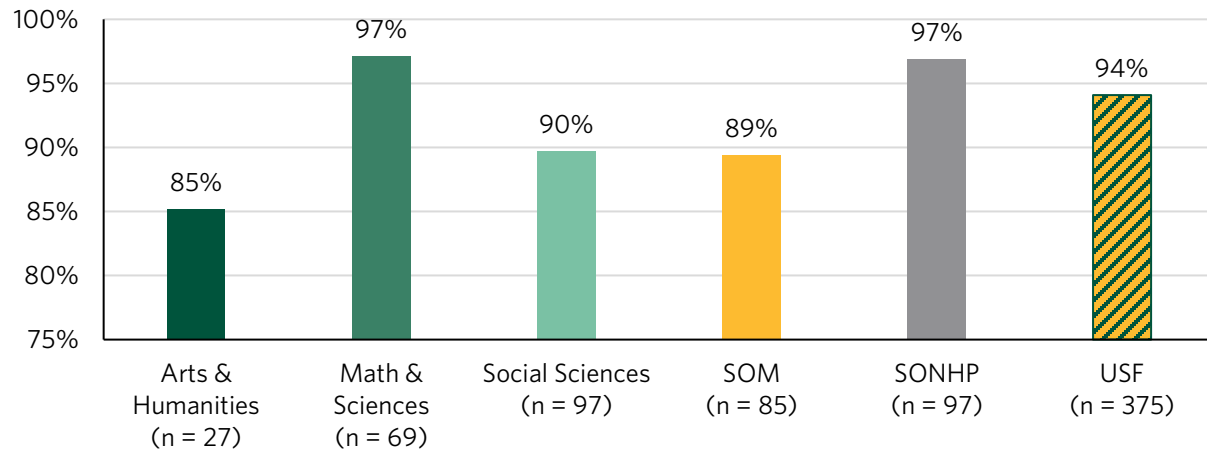


Qs 12 - 13. These two questions tested students' ability to identify components of a table that outline sexual health data and explain the interrelations from the data depicted in that table.

Q12. 92% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (96%) and Arts & Humanities and School of Management students earned the lowest proportion of correct answers (85%).

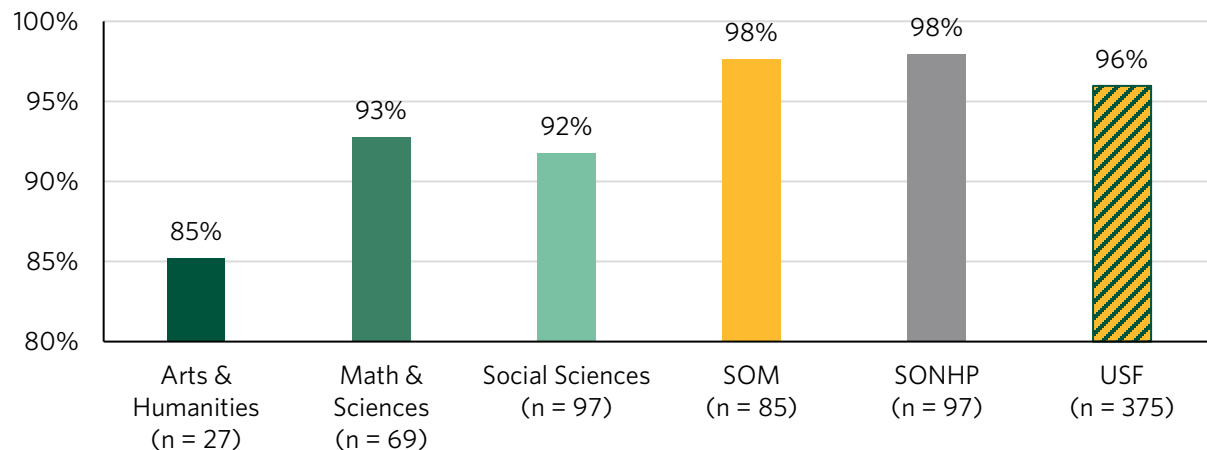


Q13. 94% of students correctly answered this question. Math & Sciences and School of Nursing & Health Professions students tied for the highest proportion of correct answers (97%) and Arts & Humanities students earned the lowest proportion of correct answers (85%).



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. 96% of students correctly answered this question. School of Management 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 (85%).



Q15. 56% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (61%) and School of Nursing & Health Professions students earned the lowest proportion of correct answers (48%).

