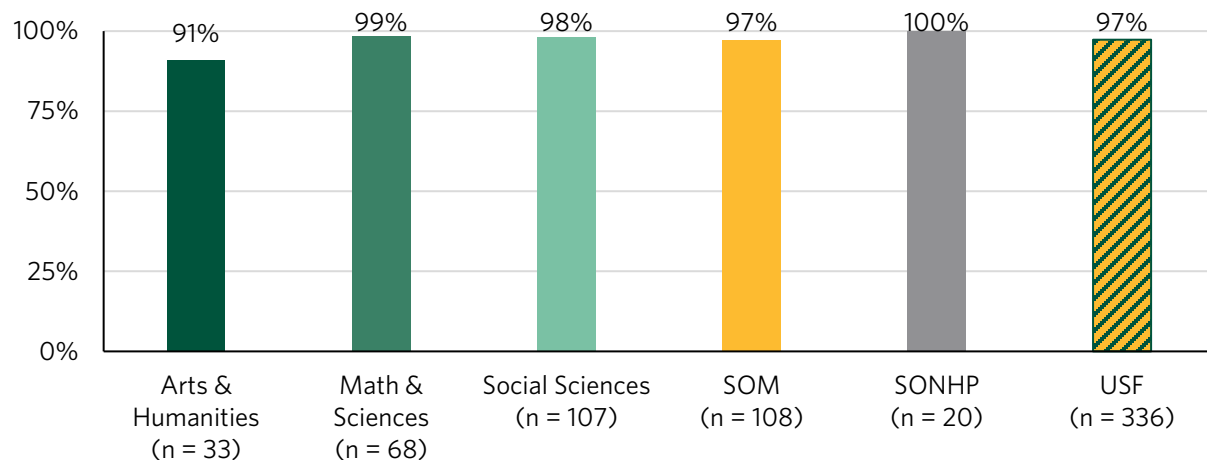


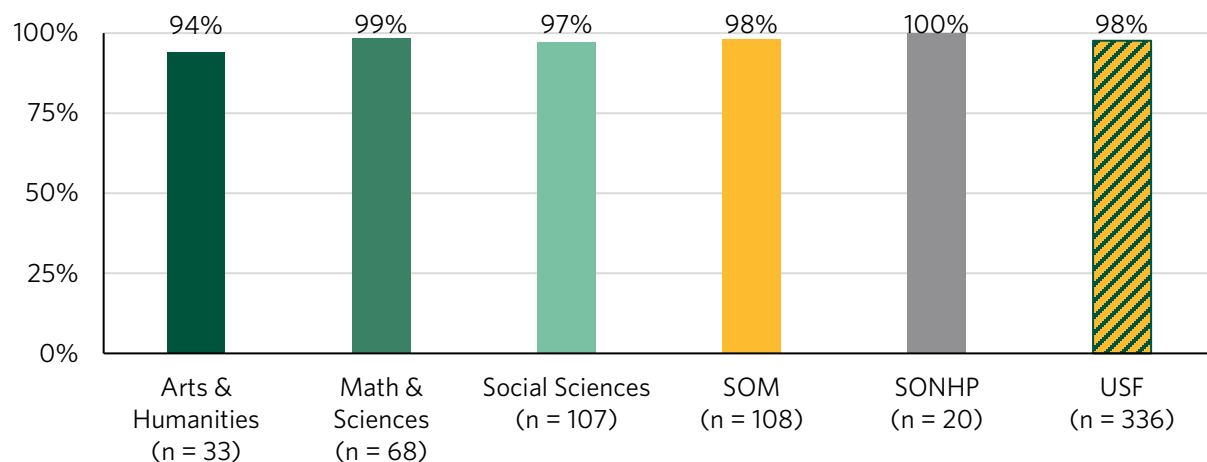
CONTENT AND ITEM ANALYSIS REPORT – 2019
QUANTITATIVE REASONING QUIZ
University of San Francisco

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).

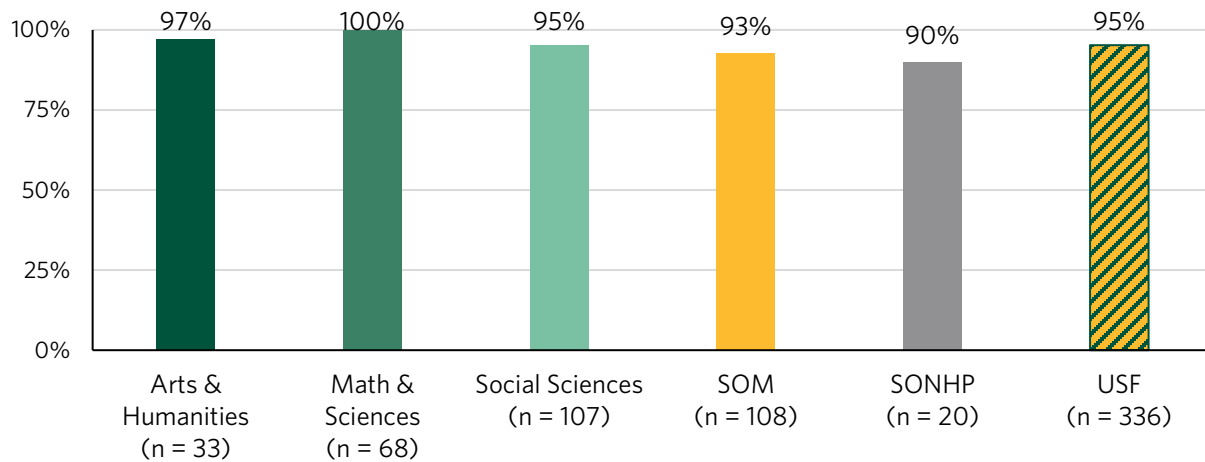
Q1. 97% of students correctly answered this question. School of Nursing & Health Professions students earned the highest proportion of correct answers (100%). Arts & Humanities students earned the lowest proportion of correct answers (91%).



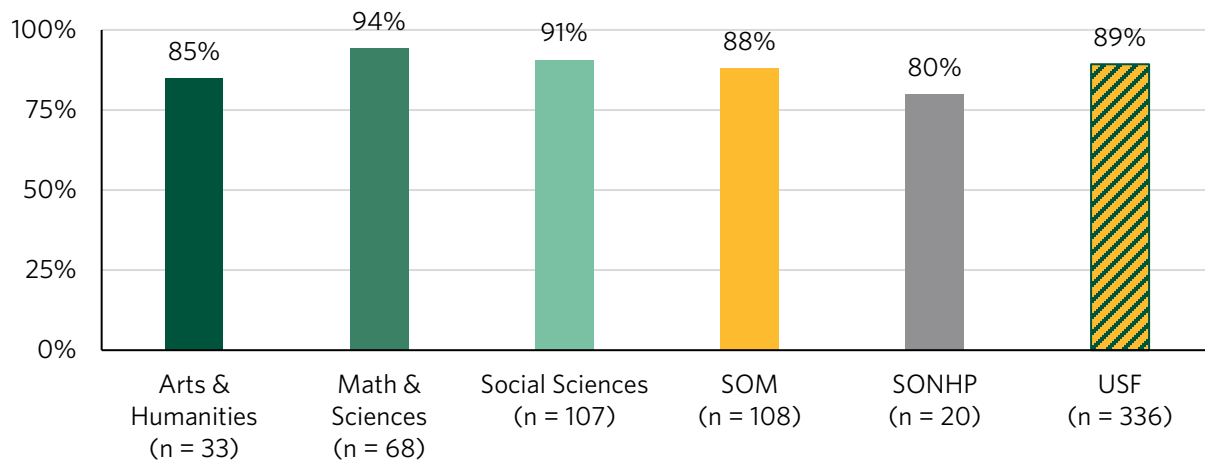
Q2. 98% of students correctly answered this question. School of Nursing & Health Professions students earned the highest proportion of correct answers (100%). Arts & Humanities students earned the lowest proportion of correct answers (94%).



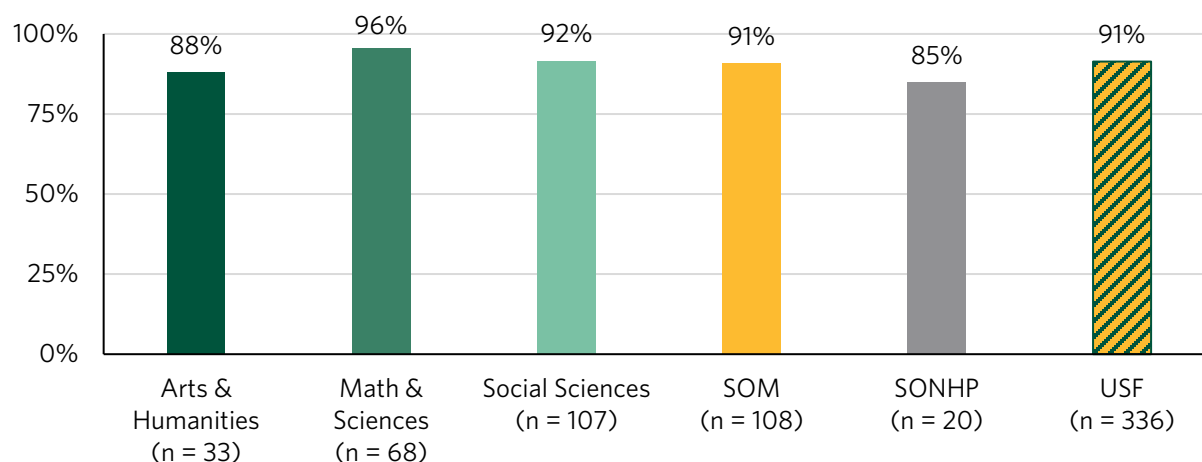
Q3. 95% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (**100%**) and School of Nursing & Health Professions students earned the lowest proportion of correct answers (**90%**).



Q4. 89% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (**94%**) and School of Nursing & Health Professions students earned the lowest proportion of correct answers (**80%**).

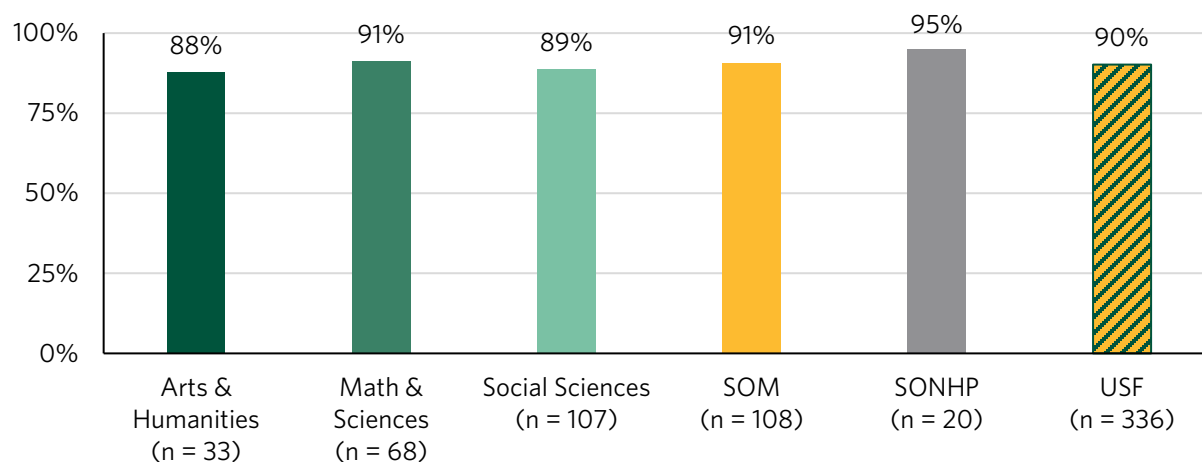


Q5. 91% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (96%) and School of Nursing & Health Professions students earned the lowest proportion of correct answers (85%).

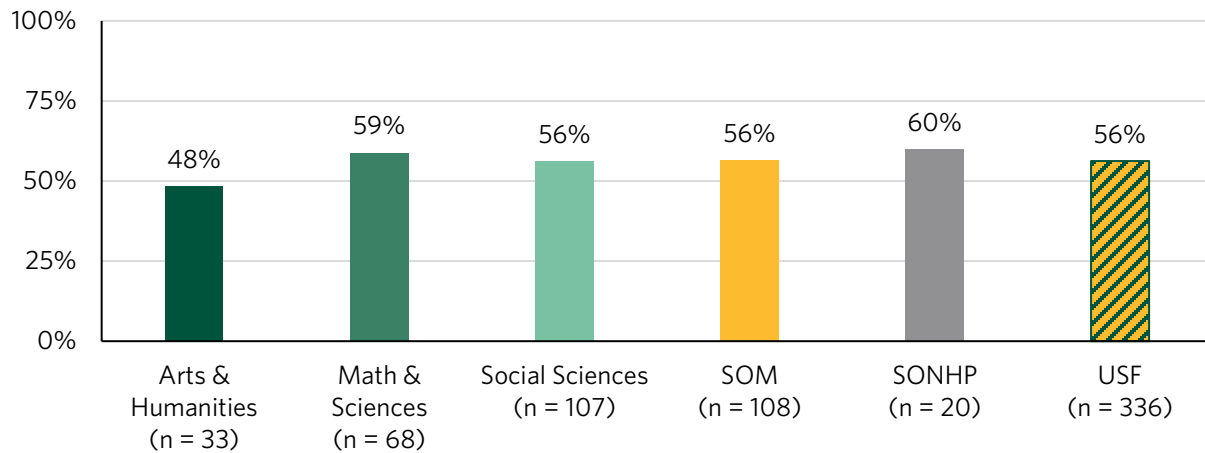


Qs 6 - 9. The next four items tested students' understanding of basic statistics (mean, frequency distribution), apply this knowledge to a histogram, and draw accurate conclusions.

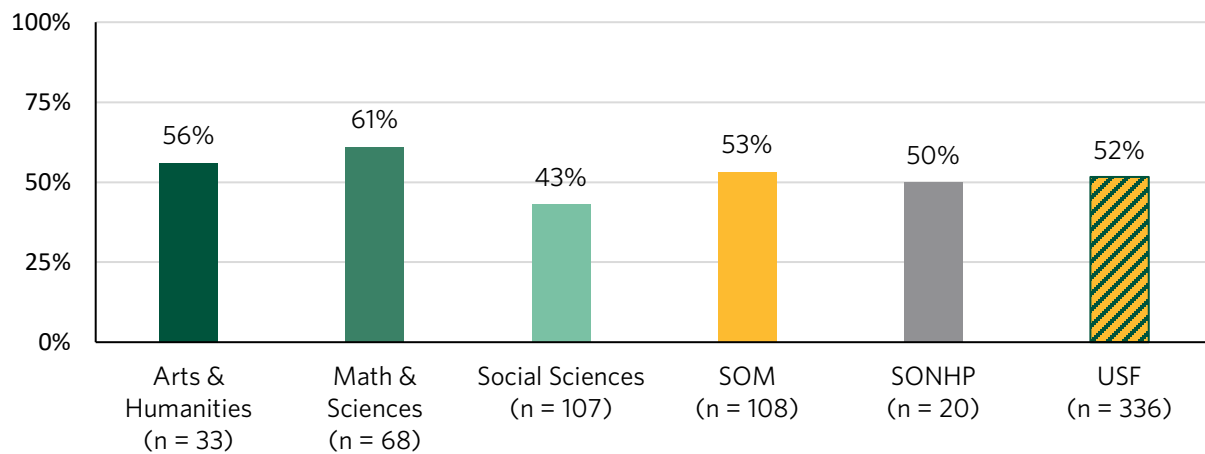
Q6. 90% of students correctly answered this question. School of Nursing & Health Professions students earned the highest proportion of correct answers (95%). Arts & Humanities students earned the lowest proportion of correct answers (88%).



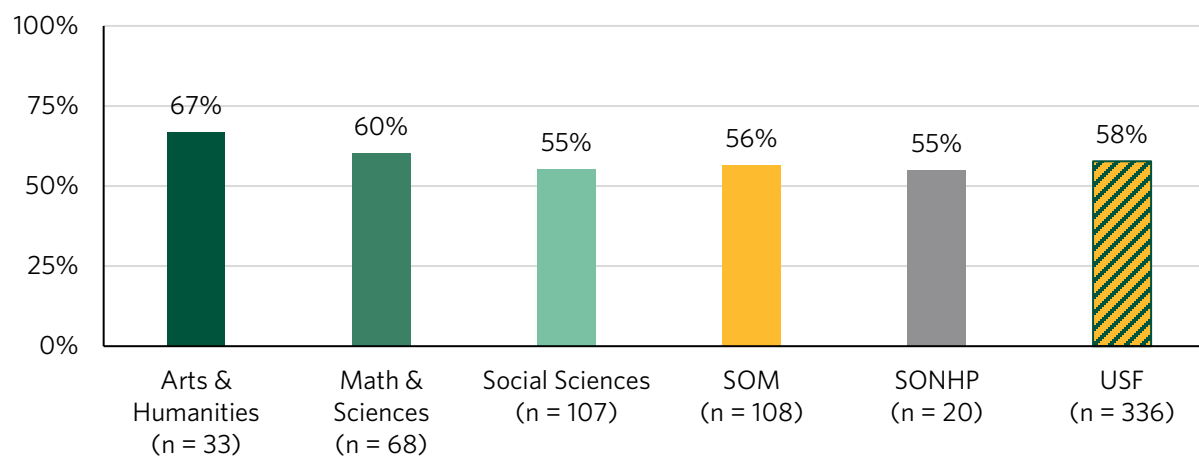
Q7. 56% of students correctly answered this question. School of Nursing & Health Professions students earned the highest proportion of correct answers (60%) and Arts & Humanities students earned the lowest proportion of correct answers (48%).



Q8. 52% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (61%) and Social Sciences students earned the lowest proportion of correct answers (43%).

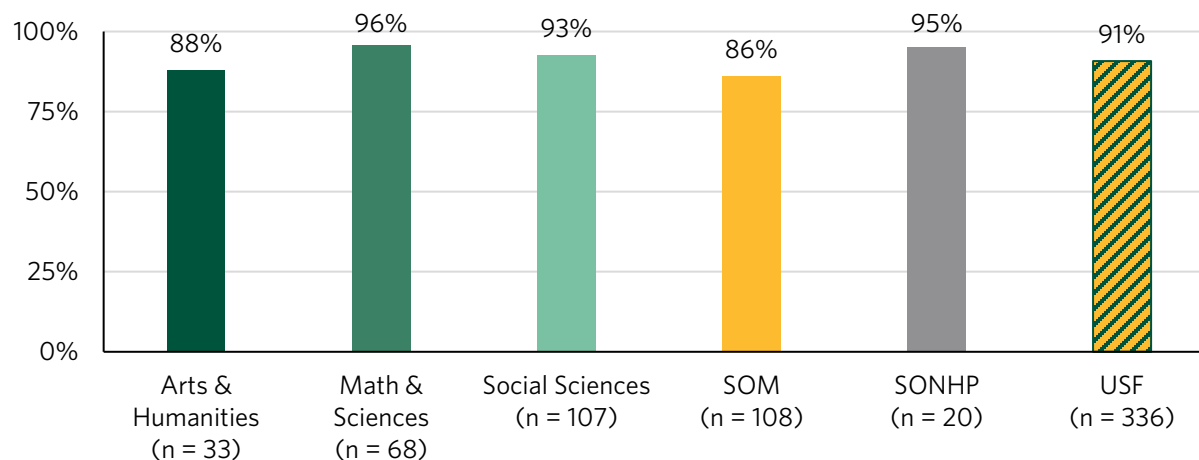


Q9. 58% of students correctly answered this question. Arts & Humanities students earned the highest proportion of correct answers (67%) and Social Sciences students earned the lowest proportion of correct answers (55%).

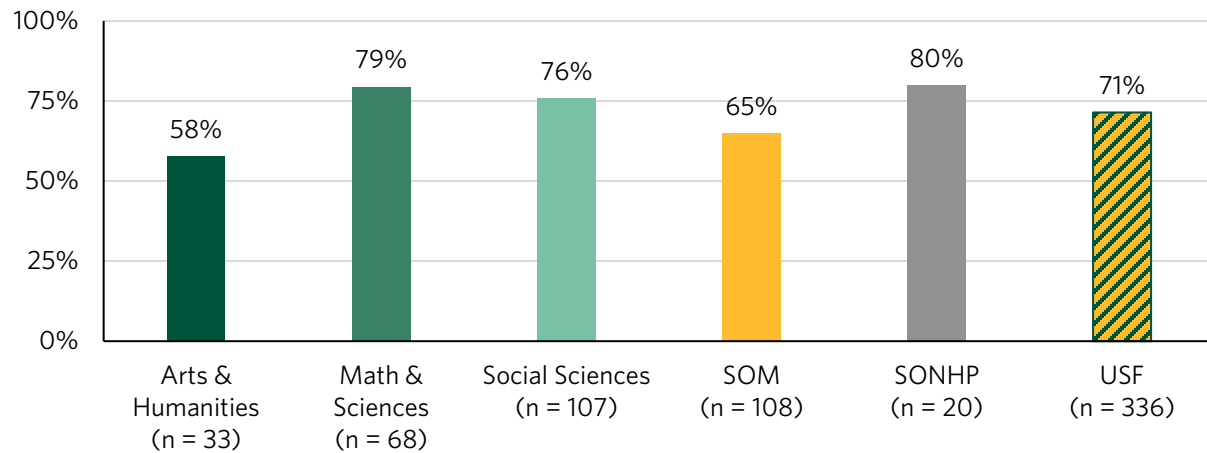


Qs 10 - 11. This question tested students' ability to identify functional growth as it applies to environmental atmospheric CO₂ levels (depicted as a figure) and draw accurate conclusions based on this figure.

Q10. 91% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (96%) and School of Management students Social Sciences earned the lowest proportion of correct answers (86%).

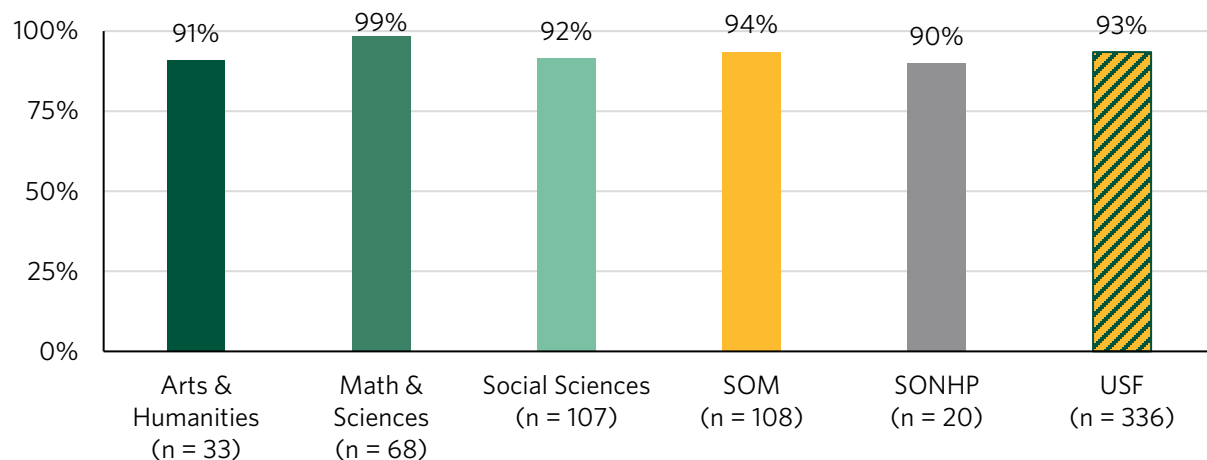


Q11. 71% of students correctly answered this question. School of Nursing & Health Professions students earned the highest proportion of correct answers (80%) and Arts & Humanities students earned the lowest proportion of correct answers (58%).

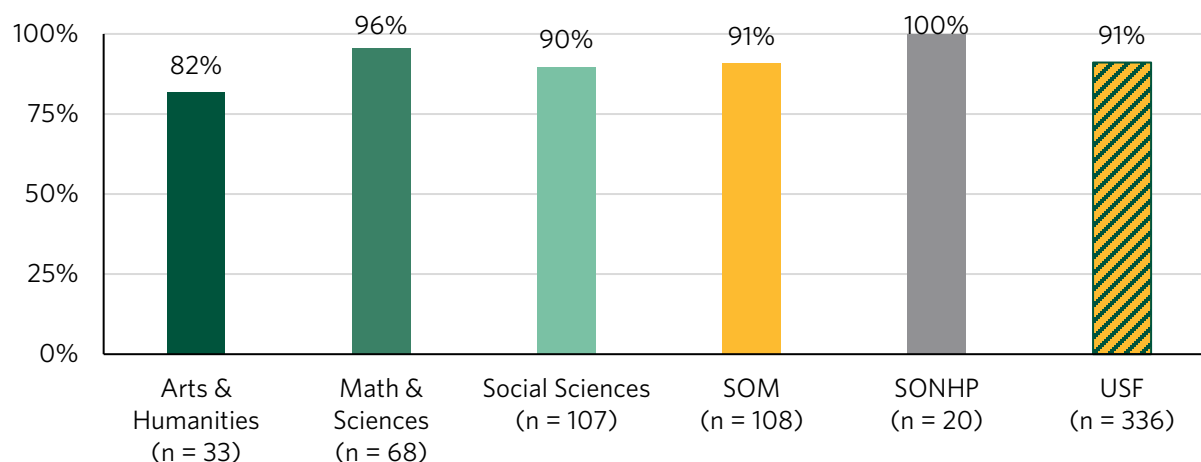


Qs 12 – 13. These two questions tested students' ability to identify components of a table that outline sexual health data and explain the interrelations from the data depicted in that table.

Q12. 93% of students correctly answered this question. Math & Sciences students earned the highest proportion of correct answers (99%) and School of Nursing & Health Professions students earned the lowest proportion of correct answers (90%).

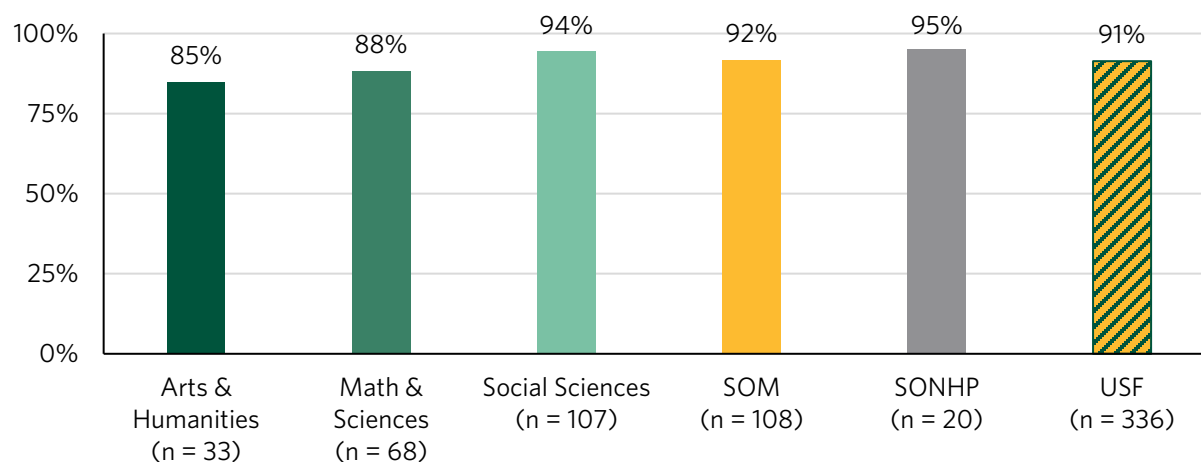


Q13. 91% of students correctly answered this question. School of Nursing & Health Professions students earned the highest proportion of correct answers (100%) and Arts & Humanities students earned the lowest proportion of correct answers (82%).



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. 91% of students correctly answered this question. School of Nursing & Health Professions students earned the highest proportion of correct answers (95%) and Arts & Humanities students earned the lowest proportion of correct answers (85%).



Q15. 56% of students correctly answered this question. School of Nursing & Health Professions students earned the highest proportion of correct answers (**60%**) and Arts & Humanities students earned the lowest proportion of correct answers (**48%**).

