



NSSE 2015

Frequencies and Statistical Comparisons

Case Western Reserve University

NSSE 2015 Frequencies and Statistical Comparisons

About This Report

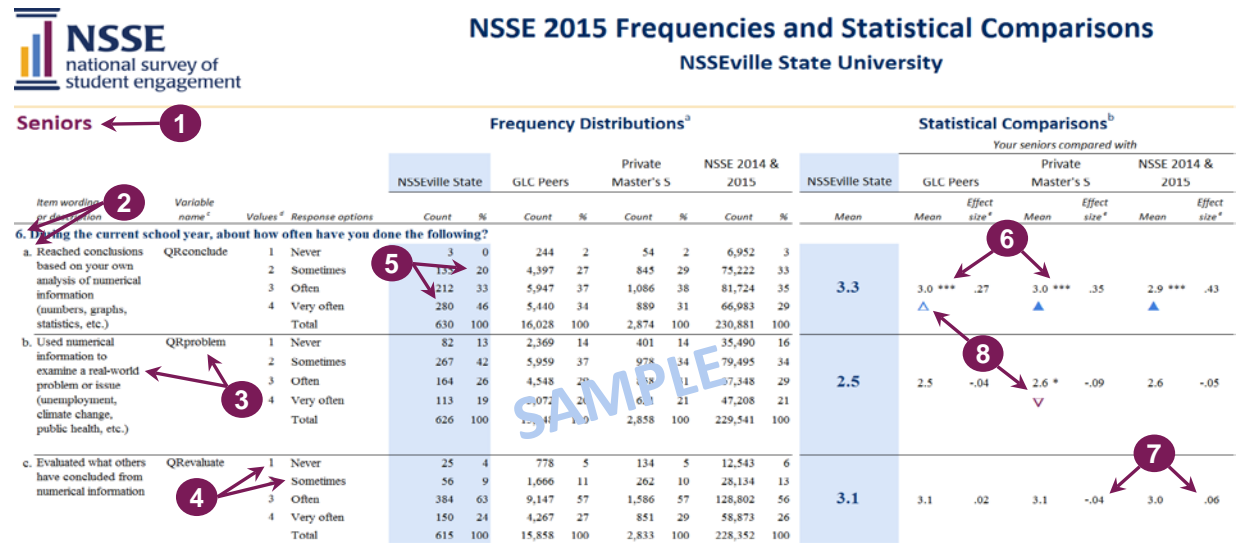
The *Frequencies and Statistical Comparisons* report presents item-by-item student responses and statistical comparisons that allow you to examine patterns of similarity and difference between your students and those at your comparison group institutions. The report uses information from all randomly selected or census-administered students. The display below highlights important details in the report to keep in mind when interpreting your results. For more information please visit our website (nsse.indiana.edu) or contact a member of the NSSE team.

- Class level:** As reported by your institution.
- Item numbers:** Numbering corresponds to the survey facsimile included in your *Institutional Report* and available on the NSSE website.
- Item wording and variable names:** Survey items are in the same order and wording as they appear on the instrument. Variable names are included for easy reference to your data file and codebook.

- Values and response options:** Values are used to calculate means. Response options are worded as they appear on the instrument.
- Count and column percentage (%):** The Count column contains the number of students who selected the corresponding response option. The column percentage is the weighted percentage of students selecting the corresponding response option.

Note: Column percentages and statistics are weighted by institution-reported sex and enrollment status. Comparison group statistics are also weighted by institutional size. Counts are unweighted and cannot be used to replicate column percentages. For details visit: nsse.indiana.edu/html/weighting.cfm

- Statistical comparisons:** Items with mean differences that are larger than would be expected by chance are noted with asterisks referring to three significance levels (* $p < .05$, ** $p < .01$, *** $p < .001$). Significance levels indicate the probability that an observed difference is due to chance. Statistical significance does not guarantee the result is substantive or important. Large sample sizes tend to generate more statistically significant results even though the magnitude of mean differences may be inconsequential. Consult effect sizes (see #7) to judge the practical meaning of differences. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are items 11 a-f which are compared using a z -test.



| | | Frequency Distributions ^a | | | | | | | | Statistical Comparisons ^b | | | | | | |
|----------------------------------------------------------------------------------------------------------------------------|-------------------------------|--------------------------------------|-----|-----------|-----|--------------------|-----|------------------|-----|--------------------------------------|---------|-----------------------------|---------|-----------------------------|---------|-----------------------------|
| | | NSSEville State | | GLC Peers | | Private Master's S | | NSSE 2014 & 2015 | | Your seniors compared with | | | | | | |
| Item wording or description | Variable name ^c | Count | % | Count | % | Count | % | Count | % | Mean | Mean | Effect size ^d | Mean | Effect size ^d | Mean | Effect size ^d |
| 6. During the current school year, about how often have you done the following? | | | | | | | | | | | | | | | | |
| a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.) | QRconclude | 3 | 0 | 244 | 2 | 54 | 2 | 6,952 | 3 | 3.3 | 3.0 *** | .27 | 3.0 *** | .35 | 2.9 *** | .43 |
| | | 135 | 20 | 4,397 | 27 | 845 | 29 | 75,222 | 33 | | | | | | | |
| | | 212 | 33 | 5,447 | 37 | 1,086 | 38 | 81,724 | 35 | | | | | | | |
| | | 280 | 46 | 5,440 | 34 | 889 | 31 | 66,983 | 29 | | | | | | | |
| | Total | 630 | 100 | 16,028 | 100 | 2,874 | 100 | 230,881 | 100 | | | | | | | |
| b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.) | QRproblem | 82 | 13 | 2,369 | 14 | 401 | 14 | 35,490 | 16 | 2.5 | 2.5 | -.04 | 2.6 * | -.09 | 2.6 | -.05 |
| | | 267 | 42 | 5,959 | 37 | 978 | 34 | 79,495 | 34 | | | | | | | |
| | | 164 | 26 | 4,548 | 29 | 1,138 | 41 | 97,348 | 29 | | | | | | | |
| | | 113 | 19 | 3,072 | 20 | 601 | 21 | 47,208 | 21 | | | | | | | |
| | Total | 626 | 100 | 15,441 | 100 | 2,858 | 100 | 229,541 | 100 | | | | | | | |
| c. Evaluated what others have concluded from numerical information | QRevaluate | 25 | 4 | 778 | 5 | 134 | 5 | 12,543 | 6 | 3.1 | 3.1 | .02 | 3.1 | -.04 | 3.0 | .06 |
| | | 56 | 9 | 1,666 | 11 | 262 | 10 | 28,134 | 13 | | | | | | | |
| | | 384 | 63 | 9,147 | 57 | 1,586 | 57 | 128,802 | 56 | | | | | | | |
| | | 150 | 24 | 4,267 | 27 | 851 | 29 | 58,873 | 26 | | | | | | | |
| | Total | 615 | 100 | 15,858 | 100 | 2,833 | 100 | 228,352 | 100 | | | | | | | |

- Effect size:** Effect size indicates practical significance. An effect size of .2 is often considered small, .5 moderate, and .8 large. A positive effect size indicates that your institution's mean was greater than that of the comparison group, thus showing a favorable result for your institution. A negative effect size indicates your institution lags behind the comparison group, suggesting that the student behavior or institutional practice represented by the item may warrant attention. Effect sizes for independent t -tests use Cohen's d ; z -tests use Cohen's h . Cohen's d is calculated by dividing the mean difference by the pooled standard deviation. Cohen's h is calculated by taking the difference in the proportion of students who responded "Done or in progress" after the proportion has been transformed using a non-linear (arcsine) transformation. See: Cohen, J. (1988). *Statistical power analysis for the behavioral sciences (2nd edition)*. New York: Psychology Press.

8. **Key to symbols:**

- ▲ **Your students' average** was significantly higher ($p < .05$) with an effect size at least .3 in magnitude.
- △ **Your students' average** was significantly higher ($p < .05$) with an effect size less than .3 in magnitude.
- ▽ **Your students' average** was significantly lower ($p < .05$) with an effect size less than .3 in magnitude.
- ▼ **Your students' average** was significantly lower ($p < .05$) with an effect size at least .3 in magnitude.

Note: It is important to interpret the direction of differences relative to item wording and your institutional context.

Endnotes

- a. Column percentages are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Percentages may not sum to 100 due to rounding. Counts are unweighted; column percentages cannot be replicated from counts.
- b. All statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups). Means calculated from ordered response options (e.g., Very often, Often, Sometimes, Never) assume equal intervals and should be interpreted with caution. Unless otherwise noted, statistical comparisons are two-tailed independent t -tests. Exceptions are the dichotomous High-Impact Practice items (11a to 11f) which are compared using a z -test.
- c. Items which make up the Engagement Indicators include the following two-letter prefixes: CL = Collaborative Learning, DD = Discussions with Diverse Others, ET = Effective Teaching Practices, HO = Higher-Order Learning, LS = Learning Strategies, QI = Quality of Interactions, QR = Quantitative Reasoning, RI = Reflective & Integrative Learning, SE = Supportive Environment, and SF = Student-Faculty Interaction.
- d. These are the values used to calculate means. For the majority of items, these values match the codes in the data file and codebook. For items estimating number of papers and hours per week, the values represent actual units using the midpoints of response option ranges and an estimate for unbounded options.
- e. Effect size for independent t -tests uses Cohen's d ; z -tests use Cohen's h . See page 2 for more details.
- f. Statistical comparison uses z -test to compare the percentage who responded "Done or in progress."
- g. Statistics are weighted by institution-reported sex and enrollment status (and institution size for comparison groups).
- h. Standard error of the mean for ordered and continuous variables; standard error of the proportion for items indicating "Done or in progress" (High-Impact Practices). The 95% confidence interval is equal to the sample mean plus or minus 1.96 times the standard error of the mean.
- i. A measure of the amount individual scores deviate from the mean of all the scores in the distribution.
- j. Degrees of freedom used to compute the t -tests. Values differ from N s due to weighting and whether equal variances were assumed.
- k. Statistical comparisons are two-tailed independent t -tests or z -tests. Statistical significance represents the probability that the difference between your students' mean and that of the comparison group is due to chance.
- l. Mean represents the proportion who responded "Done or in progress."

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

*Your first-year students
compared with*

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|----------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|---------|------|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| 1. During the current school year, about how often have you done the following? | | | | | | | | | | | | |
| a. Asked questions or contributed to course discussions in other ways | askquest | 1 | Never | 8 | 3 | 438 | 4 | 2.8 | 2.8 | | | .01 |
| | | 2 | Sometimes | 124 | 38 | 4,787 | 37 | | | | | |
| | | 3 | Often | 118 | 37 | 4,753 | 35 | | | | | |
| | | 4 | Very often | 74 | 23 | 3,359 | 24 | | | | | |
| | | Total | | 324 | 100 | 13,337 | 100 | | | | | |
| b. Prepared two or more drafts of a paper or assignment before turning it in | drafts | 1 | Never | 67 | 21 | 2,321 | 20 | 2.3 | 2.4 ** | ▽ | | -.17 |
| | | 2 | Sometimes | 140 | 44 | 4,605 | 35 | | | | | |
| | | 3 | Often | 78 | 24 | 3,878 | 28 | | | | | |
| | | 4 | Very often | 38 | 11 | 2,470 | 17 | | | | | |
| | | Total | | 323 | 100 | 13,274 | 100 | | | | | |
| c. Come to class without completing readings or assignments | unpreparedr <i>(Reverse-coded version of unprepared created by NSSE.)</i> | 1 | Very often | 11 | 3 | 961 | 8 | 3.0 | 2.9 *** | △ | | .24 |
| | | 2 | Often | 41 | 13 | 2,186 | 17 | | | | | |
| | | 3 | Sometimes | 192 | 60 | 7,721 | 58 | | | | | |
| | | 4 | Never | 74 | 24 | 2,358 | 18 | | | | | |
| | | Total | | 318 | 100 | 13,226 | 100 | | | | | |
| d. Attended an art exhibit, play or other arts performance (dance, music, etc.) | attendart | 1 | Never | 45 | 15 | 4,466 | 37 | 2.3 | 1.9 *** | ▲ | | .45 |
| | | 2 | Sometimes | 151 | 48 | 5,540 | 41 | | | | | |
| | | 3 | Often | 75 | 23 | 2,024 | 15 | | | | | |
| | | 4 | Very often | 42 | 13 | 1,097 | 8 | | | | | |
| | | Total | | 313 | 100 | 13,127 | 100 | | | | | |
| e. Asked another student to help you understand course material | CLaskhelp | 1 | Never | 13 | 4 | 712 | 6 | 3.0 | 2.7 *** | △ | | .28 |
| | | 2 | Sometimes | 90 | 29 | 4,699 | 36 | | | | | |
| | | 3 | Often | 101 | 32 | 4,821 | 37 | | | | | |
| | | 4 | Very often | 110 | 35 | 2,834 | 21 | | | | | |
| | | Total | | 314 | 100 | 13,066 | 100 | | | | | |
| f. Explained course material to one or more students | CLexplain | 1 | Never | 6 | 2 | 336 | 3 | 2.9 | 2.8 | | | .11 |
| | | 2 | Sometimes | 90 | 29 | 4,376 | 33 | | | | | |
| | | 3 | Often | 140 | 44 | 5,318 | 41 | | | | | |
| | | 4 | Very often | 76 | 25 | 2,879 | 23 | | | | | |
| | | Total | | 312 | 100 | 12,909 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|-------|-----|--------|-----|------------|-------|------|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| g. Prepared for exams by discussing or working through course material with other students | CLstudy | 1 | Never | 33 | 11 | 1,120 | 9 | 2.8 | 2.7 * | Δ | .13 | |
| | | 2 | Sometimes | 84 | 27 | 4,533 | 35 | | | | | |
| | | 3 | Often | 96 | 31 | 4,177 | 32 | | | | | |
| | | 4 | Very often | 97 | 31 | 3,094 | 24 | | | | | |
| | | Total | | 310 | 100 | 12,924 | 100 | | | | | |
| h. Worked with other students on course projects or assignments | CLproject | 1 | Never | 10 | 4 | 786 | 6 | 2.8 | 2.7 * | Δ | .13 | |
| | | 2 | Sometimes | 119 | 39 | 4,983 | 39 | | | | | |
| | | 3 | Often | 101 | 32 | 4,504 | 35 | | | | | |
| | | 4 | Very often | 77 | 25 | 2,574 | 20 | | | | | |
| | | Total | | 307 | 100 | 12,847 | 100 | | | | | |
| i. Given a course presentation | present | 1 | Never | 22 | 8 | 2,776 | 23 | 2.2 | 2.2 * | Δ | .10 | |
| | | 2 | Sometimes | 200 | 66 | 6,062 | 48 | | | | | |
| | | 3 | Often | 68 | 21 | 2,693 | 20 | | | | | |
| | | 4 | Very often | 16 | 5 | 1,176 | 9 | | | | | |
| | | Total | | 306 | 100 | 12,707 | 100 | | | | | |
| 2. During the current school year, about how often have you done the following? | | | | | | | | | | | | |
| a. Combined ideas from different courses when completing assignments | RIintegrate | 1 | Never | 22 | 8 | 618 | 5 | 2.6 | 2.7 * | ▽ | -.15 | |
| | | 2 | Sometimes | 127 | 43 | 4,688 | 38 | | | | | |
| | | 3 | Often | 100 | 33 | 4,724 | 37 | | | | | |
| | | 4 | Very often | 48 | 16 | 2,456 | 19 | | | | | |
| | | Total | | 297 | 100 | 12,486 | 100 | | | | | |
| b. Connected your learning to societal problems or issues | RIsocietal | 1 | Never | 28 | 10 | 928 | 9 | 2.5 | 2.6 * | ▽ | -.15 | |
| | | 2 | Sometimes | 132 | 45 | 4,785 | 40 | | | | | |
| | | 3 | Often | 91 | 31 | 4,413 | 35 | | | | | |
| | | 4 | Very often | 42 | 14 | 2,220 | 17 | | | | | |
| | | Total | | 293 | 100 | 12,346 | 100 | | | | | |
| c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments | RIdiverse | 1 | Never | 31 | 11 | 1,158 | 11 | 2.4 | 2.5 | | -.10 | |
| | | 2 | Sometimes | 134 | 46 | 4,942 | 41 | | | | | |
| | | 3 | Often | 87 | 29 | 4,181 | 33 | | | | | |
| | | 4 | Very often | 42 | 14 | 2,062 | 16 | | | | | |
| | | Total | | 294 | 100 | 12,343 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|----------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|-------|-----|--------|-----|------|---------|-------|--|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| d. Examined the strengths and weaknesses of your own views on a topic or issue | Rlownview | 1 | Never | 19 | 6 | 643 | 6 | 2.7 | 2.7 | -0.3 | | |
| | | 2 | Sometimes | 93 | 32 | 4,117 | 34 | | | | | |
| | | 3 | Often | 135 | 46 | 5,201 | 42 | | | | | |
| | | 4 | Very often | 47 | 16 | 2,334 | 19 | | | | | |
| | | Total | | 294 | 100 | 12,295 | 100 | | | | | |
| e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective | Rlperspect | 1 | Never | 16 | 6 | 392 | 4 | 2.8 | 2.8 | -0.08 | | |
| | | 2 | Sometimes | 91 | 32 | 3,803 | 31 | | | | | |
| | | 3 | Often | 122 | 41 | 5,308 | 43 | | | | | |
| | | 4 | Very often | 64 | 21 | 2,791 | 23 | | | | | |
| | | Total | | 293 | 100 | 12,294 | 100 | | | | | |
| f. Learned something that changed the way you understand an issue or concept | Rlnewview | 1 | Never | 12 | 5 | 333 | 3 | 2.8 | 2.8 | -0.11 | | |
| | | 2 | Sometimes | 100 | 34 | 3,791 | 32 | | | | | |
| | | 3 | Often | 123 | 42 | 5,322 | 43 | | | | | |
| | | 4 | Very often | 58 | 19 | 2,810 | 22 | | | | | |
| | | Total | | 293 | 100 | 12,256 | 100 | | | | | |
| g. Connected ideas from your courses to your prior experiences and knowledge | Rlconnect | 1 | Never | 5 | 2 | 155 | 1 | 3.1 | 3.1 | .03 | | |
| | | 2 | Sometimes | 50 | 18 | 2,549 | 22 | | | | | |
| | | 3 | Often | 145 | 50 | 5,619 | 46 | | | | | |
| | | 4 | Very often | 88 | 31 | 3,885 | 31 | | | | | |
| | | Total | | 288 | 100 | 12,208 | 100 | | | | | |
| 3. During the current school year, about how often have you done the following? | | | | | | | | | | | | |
| a. Talked about career plans with a faculty member | SFcareer | 1 | Never | 60 | 21 | 2,862 | 24 | 2.0 | 2.1 *** | -0.16 | | |
| | | 2 | Sometimes | 178 | 61 | 5,690 | 46 | | | | | |
| | | 3 | Often | 44 | 15 | 2,576 | 21 | | | | | |
| | | 4 | Very often | 8 | 3 | 1,110 | 9 | | | | | |
| | | Total | | 290 | 100 | 12,238 | 100 | | | | | |
| b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.) | SFotherwork | 1 | Never | 150 | 53 | 6,154 | 50 | 1.7 | 1.7 | -0.10 | | |
| | | 2 | Sometimes | 100 | 33 | 3,782 | 31 | | | | | |
| | | 3 | Often | 28 | 10 | 1,529 | 13 | | | | | |
| | | 4 | Very often | 12 | 4 | 727 | 6 | | | | | |
| | | Total | | 290 | 100 | 12,192 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

*Your first-year students
compared with*

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|--------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|--------|-------|--|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| c. Discussed course topics, ideas, or concepts with a faculty member outside of class | SFdiscuss | 1 | Never | 84 | 29 | 3,732 | 32 | 1.9 | 2.0 | -0.8 | | |
| | | 2 | Sometimes | 159 | 54 | 5,373 | 43 | | | | | |
| | | 3 | Often | 35 | 12 | 2,202 | 17 | | | | | |
| | | 4 | Very often | 13 | 4 | 881 | 7 | | | | | |
| | | Total | | 291 | 100 | 12,188 | 100 | | | | | |
| d. Discussed your academic performance with a faculty member | SFperform | 1 | Never | 67 | 24 | 3,435 | 29 | 2.0 | 2.0 | -0.7 | | |
| | | 2 | Sometimes | 175 | 61 | 5,766 | 47 | | | | | |
| | | 3 | Often | 31 | 11 | 2,124 | 17 | | | | | |
| | | 4 | Very often | 12 | 4 | 834 | 7 | | | | | |
| | | Total | | 285 | 100 | 12,159 | 100 | | | | | |
| 4. During the current school year, how much has your coursework emphasized the following? | | | | | | | | | | | | |
| a. Memorizing course material | memorize | 1 | Very little | 13 | 5 | 368 | 3 | 2.9 | 3.0 | -0.9 | | |
| | | 2 | Some | 63 | 22 | 2,883 | 24 | | | | | |
| | | 3 | Quite a bit | 140 | 49 | 5,384 | 44 | | | | | |
| | | 4 | Very much | 70 | 24 | 3,560 | 29 | | | | | |
| | | Total | | 286 | 100 | 12,195 | 100 | | | | | |
| b. Applying facts, theories, or methods to practical problems or new situations | HOapply | 1 | Very little | 5 | 2 | 331 | 3 | 3.2 | 3.1 ** | .16 | | |
| | | 2 | Some | 43 | 15 | 2,439 | 21 | | | | | |
| | | 3 | Quite a bit | 128 | 45 | 5,362 | 44 | | | | | |
| | | 4 | Very much | 109 | 38 | 4,008 | 33 | | | | | |
| | | Total | | 285 | 100 | 12,140 | 100 | | | | | |
| c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts | HOanalyze | 1 | Very little | 7 | 3 | 384 | 3 | 3.0 | 3.0 | -0.1 | | |
| | | 2 | Some | 61 | 22 | 2,647 | 23 | | | | | |
| | | 3 | Quite a bit | 136 | 48 | 5,187 | 43 | | | | | |
| | | 4 | Very much | 80 | 28 | 3,877 | 31 | | | | | |
| | | Total | | 284 | 100 | 12,095 | 100 | | | | | |
| d. Evaluating a point of view, decision, or information source | HOevaluate | 1 | Very little | 13 | 5 | 600 | 6 | 2.7 | 2.9 * | -0.12 | | |
| | | 2 | Some | 95 | 34 | 3,133 | 28 | | | | | |
| | | 3 | Quite a bit | 121 | 42 | 5,183 | 42 | | | | | |
| | | 4 | Very much | 55 | 19 | 3,189 | 25 | | | | | |
| | | Total | | 284 | 100 | 12,105 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|----------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|-------|-----|--------|-----|------|--------|------|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| e. Forming a new idea or understanding from various pieces of information | HOform | 1 | Very little | 16 | 6 | 582 | 5 | 2.7 | 2.9 ** | ▽ | -.16 | |
| | | 2 | Some | 86 | 31 | 3,194 | 27 | | | | | |
| | | 3 | Quite a bit | 134 | 46 | 5,140 | 42 | | | | | |
| | | 4 | Very much | 49 | 17 | 3,139 | 25 | | | | | |
| | | Total | | 285 | 100 | 12,055 | 100 | | | | | |
| 5. During the current school year, to what extent have your instructors done the following? | | | | | | | | | | | | |
| a. Clearly explained course goals and requirements | ETgoals | 1 | Very little | 3 | 1 | 204 | 2 | 3.2 | 3.1 | | .10 | |
| | | 2 | Some | 49 | 17 | 2,193 | 18 | | | | | |
| | | 3 | Quite a bit | 128 | 45 | 5,785 | 48 | | | | | |
| | | 4 | Very much | 106 | 37 | 4,007 | 32 | | | | | |
| | | Total | | 286 | 100 | 12,189 | 100 | | | | | |
| b. Taught course sessions in an organized way | ETorganize | 1 | Very little | 0 | 0 | 236 | 2 | 3.2 | 3.1 * | △ | .15 | |
| | | 2 | Some | 41 | 14 | 2,239 | 19 | | | | | |
| | | 3 | Quite a bit | 155 | 54 | 6,016 | 49 | | | | | |
| | | 4 | Very much | 91 | 32 | 3,676 | 30 | | | | | |
| | | Total | | 287 | 100 | 12,167 | 100 | | | | | |
| c. Used examples or illustrations to explain difficult points | ETexample | 1 | Very little | 3 | 1 | 266 | 2 | 3.2 | 3.1 ** | △ | .17 | |
| | | 2 | Some | 42 | 15 | 2,383 | 20 | | | | | |
| | | 3 | Quite a bit | 130 | 46 | 5,377 | 44 | | | | | |
| | | 4 | Very much | 111 | 38 | 4,106 | 33 | | | | | |
| | | Total | | 286 | 100 | 12,132 | 100 | | | | | |
| d. Provided feedback on a draft or work in progress | ETdraftfb | 1 | Very little | 16 | 6 | 1,053 | 10 | 2.7 | 2.7 | | .07 | |
| | | 2 | Some | 100 | 35 | 3,809 | 33 | | | | | |
| | | 3 | Quite a bit | 110 | 38 | 4,450 | 35 | | | | | |
| | | 4 | Very much | 61 | 21 | 2,827 | 22 | | | | | |
| | | Total | | 287 | 100 | 12,139 | 100 | | | | | |
| e. Provided prompt and detailed feedback on tests or completed assignments | ETfeedback | 1 | Very little | 15 | 5 | 1,151 | 10 | 2.8 | 2.6 * | △ | .14 | |
| | | 2 | Some | 89 | 32 | 4,126 | 35 | | | | | |
| | | 3 | Quite a bit | 127 | 44 | 4,494 | 37 | | | | | |
| | | 4 | Very much | 55 | 19 | 2,303 | 18 | | | | | |
| | | Total | | 286 | 100 | 12,074 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

*Your first-year students
compared with*

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|--------|-----|--------|-----|------------|--------|-----|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| 6. During the current school year, about how often have you done the following? | | | | | | | | | | | | |
| a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.) | QRconclude | 1 | Never | 27 | 9 | 1,479 | 11 | 2.8 | 2.6 ** | △ | .17 | |
| | | 2 | Sometimes | 76 | 26 | 4,190 | 34 | | | | | |
| | | 3 | Often | 118 | 41 | 4,290 | 36 | | | | | |
| | | 4 | Very often | 65 | 23 | 2,220 | 19 | | | | | |
| | | Total | | 286 | 100 | 12,179 | 100 | | | | | |
| b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.) | QRproblem | 1 | Never | 67 | 24 | 2,569 | 21 | 2.2 | 2.3 * | ▽ | -.14 | |
| | | 2 | Sometimes | 125 | 44 | 4,792 | 39 | | | | | |
| | | 3 | Often | 63 | 21 | 3,282 | 27 | | | | | |
| | | 4 | Very often | 31 | 11 | 1,503 | 13 | | | | | |
| | | Total | | 286 | 100 | 12,146 | 100 | | | | | |
| c. Evaluated what others have concluded from numerical information | QRevaluate | 1 | Never | 48 | 17 | 2,212 | 18 | 2.3 | 2.4 | | -.02 | |
| | | 2 | Sometimes | 125 | 45 | 4,966 | 41 | | | | | |
| | | 3 | Often | 75 | 25 | 3,499 | 29 | | | | | |
| | | 4 | Very often | 37 | 13 | 1,440 | 12 | | | | | |
| | | Total | | 285 | 100 | 12,117 | 100 | | | | | |
| 7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.) | | | | | | | | | | | | |
| a. Up to 5 pages | wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i> | 0 | None | 1 | 0 | 430 | 4 | 8.0 | 6.9 ** | △ | .18 | |
| | | 1.5 | 1-2 | 25 | 10 | 2,064 | 18 | | | | | |
| | | 4 | 3-5 | 94 | 35 | 3,608 | 31 | | | | | |
| | | 8 | 6-10 | 78 | 29 | 2,996 | 26 | | | | | |
| | | 13 | 11-15 | 41 | 15 | 1,256 | 11 | | | | | |
| | | 18 | 16-20 | 18 | 6 | 533 | 4 | | | | | |
| | | 23 | More than 20 | 13 | 5 | 560 | 5 | | | | | |
| Total | | 270 | 100 | 11,447 | 100 | | | | | | | |
| b. Between 6 and 10 pages | wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i> | 0 | None | 30 | 11 | 3,362 | 33 | 2.7 | 2.1 ** | △ | .20 | |
| | | 1.5 | 1-2 | 136 | 51 | 4,635 | 41 | | | | | |
| | | 4 | 3-5 | 76 | 28 | 2,245 | 18 | | | | | |
| | | 8 | 6-10 | 23 | 8 | 673 | 6 | | | | | |
| | | 13 | 11-15 | 4 | 2 | 161 | 1 | | | | | |
| | | 18 | 16-20 | 0 | 0 | 61 | 1 | | | | | |
| | | 23 | More than 20 | 0 | 0 | 47 | 0 | | | | | |
| Total | | 269 | 100 | 11,184 | 100 | | | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|---------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|-----|--------|-----|-------------|--------|------|---|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| c. 11 pages or more | wrlongnum | 0 | None | 162 | 63 | 8,161 | 76 | .7 | .8 | -.01 | | |
| | (Recoded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.) | 1.5 | 1-2 | 79 | 31 | 1,939 | 18 | | | | | |
| | 4 | 3-5 | 14 | 6 | 333 | 3 | | | | | | |
| | 8 | 6-10 | 2 | 1 | 172 | 2 | | | | | | |
| | 13 | 11-15 | 0 | 0 | 83 | 1 | | | | | | |
| | 18 | 16-20 | 0 | 0 | 29 | 0 | | | | | | |
| | 23 | More than 20 | 0 | 0 | 44 | 0 | | | | | | |
| | Total | | | 257 | 100 | 10,761 | 100 | | | | | |
| Estimated number of assigned pages of student writing. | wrpages | | (Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.) | | | | | 56.3 | 47.6 * | .15 | △ | |
| 8. During the current school year, about how often have you had discussions with people from the following groups? | | | | | | | | | | | | |
| a. People of a race or ethnicity other than your own | DDrace | 1 | Never | 3 | 1 | 278 | 3 | 3.4 | 3.3 * | .16 | | |
| | | 2 | Sometimes | 41 | 16 | 2,128 | 18 | | | | | |
| | | 3 | Often | 69 | 25 | 3,448 | 30 | | | | | |
| | | 4 | Very often | 160 | 58 | 5,737 | 49 | | | | | |
| | | | Total | 273 | 100 | 11,591 | 100 | | | | | |
| b. People from an economic background other than your own | DDeconomic | 1 | Never | 7 | 3 | 299 | 3 | 3.2 | 3.2 | .05 | | |
| | | 2 | Sometimes | 53 | 20 | 2,220 | 20 | | | | | |
| | | 3 | Often | 80 | 29 | 3,892 | 34 | | | | | |
| | | 4 | Very often | 134 | 48 | 5,157 | 44 | | | | | |
| | | | Total | 274 | 100 | 11,568 | 100 | | | | | |
| c. People with religious beliefs other than your own | DDreligion | 1 | Never | 9 | 4 | 406 | 4 | 3.3 | 3.2 ** | .16 | | |
| | | 2 | Sometimes | 42 | 16 | 2,318 | 21 | | | | | |
| | | 3 | Often | 70 | 26 | 3,490 | 30 | | | | | |
| | | 4 | Very often | 153 | 55 | 5,334 | 46 | | | | | |
| | | | Total | 274 | 100 | 11,548 | 100 | | | | | |
| d. People with political views other than your own | DDpolitical | 1 | Never | 12 | 5 | 570 | 5 | 3.1 | 3.1 | .04 | | |
| | | 2 | Sometimes | 64 | 24 | 2,660 | 24 | | | | | |
| | | 3 | Often | 76 | 28 | 3,636 | 31 | | | | | |
| | | 4 | Very often | 120 | 44 | 4,623 | 40 | | | | | |
| | | | Total | 272 | 100 | 11,489 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|-------|-----|--------|-----|------------|-------|-----|--|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| 9. During the current school year, about how often have you done the following? | | | | | | | | | | | | |
| a. Identified key information from reading assignments | LSreading | 1 | Never | 3 | 1 | 172 | 2 | 3.2 | 3.1 * | △ | | |
| | | 2 | Sometimes | 34 | 13 | 1,966 | 18 | | | | | |
| | | 3 | Often | 124 | 46 | 4,963 | 44 | | | | | |
| | | 4 | Very often | 112 | 39 | 4,426 | 36 | | | | | |
| | | Total | | 273 | 100 | 11,527 | 100 | | | | | |
| b. Reviewed your notes after class | LSnotes | 1 | Never | 10 | 4 | 617 | 6 | 2.9 | 2.8 | | | |
| | | 2 | Sometimes | 86 | 33 | 3,684 | 33 | | | | | |
| | | 3 | Often | 89 | 32 | 3,831 | 33 | | | | | |
| | | 4 | Very often | 88 | 31 | 3,353 | 28 | | | | | |
| | | Total | | 273 | 100 | 11,485 | 100 | | | | | |
| c. Summarized what you learned in class or from course materials | LSsummary | 1 | Never | 16 | 6 | 742 | 7 | 2.8 | 2.8 | | | |
| | | 2 | Sometimes | 87 | 34 | 3,564 | 32 | | | | | |
| | | 3 | Often | 94 | 34 | 4,108 | 36 | | | | | |
| | | 4 | Very often | 73 | 26 | 2,957 | 25 | | | | | |
| | | Total | | 270 | 100 | 11,371 | 100 | | | | | |
| 10. During the current school year, to what extent have your courses challenged you to do your best work? | | | | | | | | | | | | |
| challenge | | 1 | Not at all | 0 | 0 | 46 | 0 | 5.6 | 5.5 | | | |
| | | 2 | | 1 | 0 | 95 | 1 | | | | | |
| | | 3 | | 6 | 2 | 305 | 3 | | | | | |
| | | 4 | | 26 | 10 | 1,139 | 10 | | | | | |
| | | 5 | | 76 | 28 | 3,699 | 32 | | | | | |
| | | 6 | | 118 | 43 | 3,863 | 33 | | | | | |
| | | 7 | Very much | 45 | 17 | 2,362 | 20 | | | | | |
| | | Total | | 272 | 100 | 11,509 | 100 | | | | | |
| 11. Which of the following have you done or do you plan to do before you graduate?^f | | | | | | | | | | | | |
| a. Participate in an internship, co-op, field experience, student teaching, or clinical placement | intern | | Have not decided | 29 | 11 | 771 | 7 | 11% | 10% | | | |
| | | | | 5 | 2 | 300 | 3 | | | | | |
| | | | | 206 | 77 | 9,235 | 80 | | | | | |
| | | | | 32 | 11 | 1,204 | 10 | | | | | |
| | | | | Total | | 272 | 100 | | | | | 11,510 |

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

*Your first-year students
compared with*

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------|---------------------|-------|-----|--------|-----|------------|---------|-----|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| b. Hold a formal leadership role in a student organization or group | leader <i>(Means indicate the percentage who responded "Done or in progress.")</i> | | Have not decided | 64 | 24 | 2,607 | 23 | 21% | 14% ** | ▲ | .18 | |
| | | | Do not plan to do | 28 | 11 | 1,685 | 15 | | | | | |
| | | | Plan to do | 121 | 44 | 5,514 | 47 | | | | | |
| | | | Done or in progress | 59 | 21 | 1,664 | 14 | | | | | |
| | | | Total | 272 | 100 | 11,470 | 100 | | | | | |
| c. Participate in a learning community or some other formal program where groups of students take two or more classes together | learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i> | | Have not decided | 103 | 39 | 2,850 | 25 | 8% | 18% *** | ▼ | -.32 | |
| | | | Do not plan to do | 89 | 33 | 3,669 | 32 | | | | | |
| | | | Plan to do | 53 | 20 | 2,893 | 25 | | | | | |
| | | | Done or in progress | 22 | 8 | 2,042 | 18 | | | | | |
| | | | Total | 267 | 100 | 11,454 | 100 | | | | | |
| d. Participate in a study abroad program | abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i> | | Have not decided | 69 | 27 | 2,375 | 23 | 6% | 5% | | .07 | |
| | | | Do not plan to do | 46 | 19 | 1,807 | 19 | | | | | |
| | | | Plan to do | 137 | 49 | 6,748 | 54 | | | | | |
| | | | Done or in progress | 16 | 6 | 514 | 5 | | | | | |
| | | | Total | 268 | 100 | 11,444 | 100 | | | | | |
| e. Work with a faculty member on a research project | research <i>(Means indicate the percentage who responded "Done or in progress.")</i> | | Have not decided | 60 | 22 | 3,693 | 32 | 13% | 7% *** | ▲ | .22 | |
| | | | Do not plan to do | 26 | 10 | 2,153 | 18 | | | | | |
| | | | Plan to do | 147 | 55 | 4,814 | 43 | | | | | |
| | | | Done or in progress | 35 | 13 | 746 | 7 | | | | | |
| | | | Total | 268 | 100 | 11,406 | 100 | | | | | |
| f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.) | capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i> | | Have not decided | 26 | 11 | 3,758 | 33 | 2% | 3% | ▼ | -.06 | |
| | | | Do not plan to do | 2 | 1 | 1,056 | 9 | | | | | |
| | | | Plan to do | 233 | 86 | 6,223 | 55 | | | | | |
| | | | Done or in progress | 6 | 2 | 355 | 3 | | | | | |
| | | | Total | 267 | 100 | 11,392 | 100 | | | | | |

12. About how many of your courses at this institution have included a community-based project (service-learning)?

| servcourse | 1 | 2 | 3 | 4 | Total | CWRU | AAU | Mean | AAU | Effect size ^e |
|------------|-------|-----|-----|--------|-------|------------|-------|------|-----|--------------------------|
| | None | 172 | 65 | 6,886 | 59 | 1.4 | 1.5 * | ▼ | | -.14 |
| | Some | 88 | 32 | 3,902 | 36 | | | | | |
| | Most | 9 | 3 | 440 | 4 | | | | | |
| | All | 0 | 0 | 84 | 1 | | | | | |
| | Total | 269 | 100 | 11,312 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

*Your first-year students
compared with*

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-----------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|---------|------|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| 13. Indicate the quality of your interactions with the following people at your institution. | | | | | | | | | | | | |
| a. Students | Qlstudent | 1 | Poor | 3 | 1 | 130 | 1 | 5.7 | 5.5 * | .14 | △ | |
| | | 2 | | 1 | 0 | 202 | 2 | | | | | |
| | | 3 | | 11 | 4 | 482 | 4 | | | | | |
| | | 4 | | 13 | 5 | 1,148 | 10 | | | | | |
| | | 5 | | 62 | 24 | 2,856 | 25 | | | | | |
| | | 6 | | 108 | 39 | 3,637 | 32 | | | | | |
| | | 7 | Excellent | 73 | 26 | 3,011 | 26 | | | | | |
| | | — | Not applicable | 0 | 0 | 33 | 0 | | | | | |
| | | | Total | 271 | 100 | 11,499 | 100 | | | | | |
| b. Academic advisors | Qladvisor | 1 | Poor | 7 | 2 | 425 | 4 | 4.9 | 5.0 | -.05 | | |
| | | 2 | | 11 | 4 | 664 | 6 | | | | | |
| | | 3 | | 30 | 11 | 984 | 8 | | | | | |
| | | 4 | | 43 | 16 | 1,691 | 14 | | | | | |
| | | 5 | | 78 | 29 | 2,480 | 21 | | | | | |
| | | 6 | | 53 | 19 | 2,548 | 22 | | | | | |
| | | 7 | Excellent | 45 | 17 | 2,328 | 21 | | | | | |
| | | — | Not applicable | 4 | 1 | 350 | 4 | | | | | |
| | | | Total | 271 | 100 | 11,470 | 100 | | | | | |
| c. Faculty | Qlfaculty | 1 | Poor | 4 | 1 | 220 | 2 | 5.3 | 5.1 *** | .17 | △ | |
| | | 2 | | 2 | 1 | 393 | 4 | | | | | |
| | | 3 | | 8 | 3 | 742 | 7 | | | | | |
| | | 4 | | 35 | 13 | 1,761 | 16 | | | | | |
| | | 5 | | 94 | 35 | 3,186 | 28 | | | | | |
| | | 6 | | 86 | 31 | 3,246 | 28 | | | | | |
| | | 7 | Excellent | 38 | 15 | 1,746 | 15 | | | | | |
| | | — | Not applicable | 1 | 0 | 99 | 1 | | | | | |
| | | | Total | 268 | 100 | 11,393 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|--------------------------------------------------------------------------------|----------------------------|---------------------|------------------|-------|-----|--------|-----|------|--------|------|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| d. Student services staff (career services, student activities, housing, etc.) | QIstaff | 1 | Poor | 5 | 2 | 403 | 4 | 5.2 | 4.9 * | ▲ | .16 | |
| | | 2 | | 6 | 2 | 525 | 5 | | | | | |
| | | 3 | | 14 | 5 | 802 | 7 | | | | | |
| | | 4 | | 46 | 17 | 1,817 | 15 | | | | | |
| | | 5 | | 56 | 21 | 2,784 | 24 | | | | | |
| | | 6 | | 72 | 27 | 2,653 | 23 | | | | | |
| | | 7 | Excellent | 43 | 16 | 1,655 | 15 | | | | | |
| | | — | Not applicable | 26 | 10 | 792 | 8 | | | | | |
| | Total | | | 268 | 100 | 11,431 | 100 | | | | | |
| e. Other administrative staff and offices (registrar, financial aid, etc.) | QIadmin | 1 | Poor | 12 | 5 | 526 | 5 | 5.0 | 4.7 ** | ▲ | .17 | |
| | | 2 | | 7 | 3 | 676 | 6 | | | | | |
| | | 3 | | 7 | 3 | 973 | 8 | | | | | |
| | | 4 | | 49 | 18 | 1,925 | 17 | | | | | |
| | | 5 | | 63 | 24 | 2,495 | 22 | | | | | |
| | | 6 | | 60 | 22 | 2,136 | 19 | | | | | |
| | | 7 | Excellent | 31 | 12 | 1,312 | 12 | | | | | |
| | | — | Not applicable | 40 | 15 | 1,405 | 12 | | | | | |
| | Total | | | 269 | 100 | 11,448 | 100 | | | | | |

14. How much does your institution emphasize the following?

| | | | | | | | | | | | |
|------------------------------------------------------------------------------|------------|---|-------------|-----|----|-------|-----|-----|---------|---|-----|
| a. Spending significant amounts of time studying and on academic work | empstudy | 1 | Very little | 1 | 0 | 123 | 1 | 3.5 | 3.2 *** | ▲ | .39 |
| | | 2 | Some | 13 | 6 | 1,539 | 15 | | | | |
| | | 3 | Quite a bit | 88 | 36 | 4,732 | 44 | | | | |
| | | 4 | Very much | 151 | 58 | 4,523 | 41 | | | | |
| | | | Total | | | 253 | 100 | | | | |
| b. Providing support to help students succeed academically | SEacademic | 1 | Very little | 3 | 1 | 324 | 3 | 3.3 | 3.1 *** | ▲ | .32 |
| | | 2 | Some | 24 | 10 | 2,127 | 20 | | | | |
| | | 3 | Quite a bit | 107 | 44 | 4,778 | 44 | | | | |
| | | 4 | Very much | 117 | 45 | 3,642 | 33 | | | | |
| | | | Total | | | 251 | 100 | | | | |
| c. Using learning support services (tutoring services, writing center, etc.) | SElearnsup | 1 | Very little | 6 | 3 | 478 | 5 | 3.2 | 3.1 ** | ▲ | .19 |
| | | 2 | Some | 40 | 17 | 2,053 | 19 | | | | |
| | | 3 | Quite a bit | 86 | 35 | 4,348 | 41 | | | | |
| | | 4 | Very much | 119 | 46 | 3,968 | 35 | | | | |
| | | | Total | | | 251 | 100 | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students
compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-----------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|---------|-----|--|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.) | SEdiverse | 1 | Very little | 20 | 8 | 1,059 | 10 | 2.8 | 2.8 | -01 | | |
| | | 2 | Some | 77 | 32 | 3,039 | 28 | | | | | |
| | | 3 | Quite a bit | 89 | 35 | 3,817 | 35 | | | | | |
| | | 4 | Very much | 66 | 26 | 2,951 | 27 | | | | | |
| | | Total | | 252 | 100 | 10,866 | 100 | | | | | |
| e. Providing opportunities to be involved socially | SEsocial | 1 | Very little | 7 | 3 | 423 | 4 | 3.0 | 3.1 | -03 | | |
| | | 2 | Some | 55 | 22 | 2,216 | 21 | | | | | |
| | | 3 | Quite a bit | 109 | 44 | 4,447 | 41 | | | | | |
| | | 4 | Very much | 81 | 31 | 3,787 | 34 | | | | | |
| | | Total | | 252 | 100 | 10,873 | 100 | | | | | |
| f. Providing support for your overall well-being (recreation, health care, counseling, etc.) | SEwellness | 1 | Very little | 7 | 3 | 455 | 4 | 3.0 | 3.1 | -07 | | |
| | | 2 | Some | 58 | 23 | 2,184 | 20 | | | | | |
| | | 3 | Quite a bit | 111 | 45 | 4,370 | 41 | | | | | |
| | | 4 | Very much | 75 | 29 | 3,838 | 35 | | | | | |
| | | Total | | 251 | 100 | 10,847 | 100 | | | | | |
| g. Helping you manage your non-academic responsibilities (work, family, etc.) | SEnonacad | 1 | Very little | 50 | 20 | 2,127 | 20 | 2.2 | 2.4 ** | -16 | | |
| | | 2 | Some | 118 | 48 | 4,016 | 37 | | | | | |
| | | 3 | Quite a bit | 57 | 22 | 3,078 | 28 | | | | | |
| | | 4 | Very much | 26 | 10 | 1,611 | 14 | | | | | |
| | | Total | | 251 | 100 | 10,832 | 100 | | | | | |
| h. Attending campus activities and events (performing arts, athletic events, etc.) | SEactivities | 1 | Very little | 20 | 9 | 525 | 5 | 2.6 | 3.0 *** | -39 | | |
| | | 2 | Some | 88 | 36 | 2,457 | 23 | | | | | |
| | | 3 | Quite a bit | 94 | 37 | 4,461 | 42 | | | | | |
| | | 4 | Very much | 48 | 18 | 3,353 | 31 | | | | | |
| | | Total | | 250 | 100 | 10,796 | 100 | | | | | |
| i. Attending events that address important social, economic, or political issues | SEevents | 1 | Very little | 23 | 10 | 1,289 | 12 | 2.6 | 2.6 | .00 | | |
| | | 2 | Some | 89 | 36 | 3,740 | 35 | | | | | |
| | | 3 | Quite a bit | 95 | 39 | 3,709 | 35 | | | | | |
| | | 4 | Very much | 41 | 15 | 2,030 | 18 | | | | | |
| | | Total | | 248 | 100 | 10,768 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------|------------------|-------|-----|--------|-----|-------------|------|----------|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| 15. About how many hours do you spend in a typical 7-day week doing the following? | | | | | | | | | | | | |
| a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities) | tmprephrs <i>(Recorded version of tmprep created by NSSE. Values are estimated number of hours per week.)</i> | 0 | 0 hrs | 0 | 0 | 56 | 1 | 19.0 | ▲ | 16.0 *** | | .35 |
| | | 3 | 1-5 hrs | 8 | 3 | 934 | 10 | | | | | |
| | | 8 | 6-10 hrs | 21 | 9 | 2,095 | 20 | | | | | |
| | | 13 | 11-15 hrs | 57 | 22 | 2,319 | 22 | | | | | |
| | | 18 | 16-20 hrs | 64 | 26 | 2,241 | 20 | | | | | |
| | | 23 | 21-25 hrs | 48 | 19 | 1,461 | 13 | | | | | |
| | | 28 | 26-30 hrs | 27 | 11 | 818 | 7 | | | | | |
| | | 33 | More than 30 hrs | 24 | 10 | 926 | 8 | | | | | |
| | Total | | | 249 | 100 | 10,850 | 100 | | | | | |
| b. Participating in co-curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.) | tmcocurrhrs <i>(Recorded version of tmcocurr created by NSSE. Values are estimated number of hours per week.)</i> | 0 | 0 hrs | 33 | 13 | 2,221 | 22 | 8.1 | ▲ | 6.3 *** | | .28 |
| | | 3 | 1-5 hrs | 68 | 27 | 4,124 | 37 | | | | | |
| | | 8 | 6-10 hrs | 79 | 31 | 2,228 | 21 | | | | | |
| | | 13 | 11-15 hrs | 37 | 15 | 1,154 | 11 | | | | | |
| | | 18 | 16-20 hrs | 18 | 7 | 604 | 5 | | | | | |
| | | 23 | 21-25 hrs | 10 | 4 | 244 | 2 | | | | | |
| | | 28 | 26-30 hrs | 3 | 1 | 99 | 1 | | | | | |
| 33 | More than 30 hrs | 2 | 1 | 121 | 1 | | | | | | | |
| | Total | | | 250 | 100 | 10,795 | 100 | | | | | |
| c. Working for pay on campus | tmworkonhrs <i>(Recorded version of tmworkon created by NSSE. Values are estimated number of hours per week.)</i> | 0 | 0 hrs | 185 | 75 | 8,000 | 75 | 2.1 | ▼ | 2.7 * | | -.10 |
| | | 3 | 1-5 hrs | 20 | 7 | 480 | 4 | | | | | |
| | | 8 | 6-10 hrs | 27 | 11 | 1,213 | 10 | | | | | |
| | | 13 | 11-15 hrs | 11 | 4 | 662 | 6 | | | | | |
| | | 18 | 16-20 hrs | 6 | 3 | 318 | 3 | | | | | |
| | | 23 | 21-25 hrs | 0 | 0 | 105 | 1 | | | | | |
| | | 28 | 26-30 hrs | 0 | 0 | 29 | 0 | | | | | |
| 33 | More than 30 hrs | 0 | 0 | 27 | 0 | | | | | | | |
| | Total | | | 249 | 100 | 10,834 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------|---------------------|------------------|--------|--------|-------|----|-------------|---------|-----|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| d. Working for pay off campus | tmworkoffhrs | 0 | 0 hrs | 220 | 89 | 8,845 | 82 | .9 | 2.2 *** | ▽ | -.24 | |
| | (Recorded version of tmworkoff created by NSSE. Values are estimated number of hours per week.) | 3 | 1-5 hrs | 13 | 5 | 495 | 5 | | | | | |
| | 8 | 6-10 hrs | 8 | 3 | 476 | 4 | | | | | | |
| | 13 | 11-15 hrs | 3 | 1 | 370 | 3 | | | | | | |
| | 18 | 16-20 hrs | 4 | 2 | 305 | 3 | | | | | | |
| | 23 | 21-25 hrs | 0 | 0 | 152 | 1 | | | | | | |
| | 28 | 26-30 hrs | 0 | 0 | 77 | 1 | | | | | | |
| | 33 | More than 30 hrs | 0 | 0 | 46 | 1 | | | | | | |
| | Total | | 248 | 100 | 10,766 | 100 | | | | | | |
| Estimated number of hours working for pay | tmworkhrs | | | | | | | 2.9 | 4.8 *** | ▽ | -.22 | |
| e. Doing community service or volunteer work | tmservicehrs | 0 | 0 hrs | 129 | 54 | 6,121 | 58 | 2.1 | 2.3 | | -.04 | |
| | (Recorded version of tmservice created by NSSE. Values are estimated number of hours per week.) | 3 | 1-5 hrs | 93 | 37 | 3,398 | 31 | | | | | |
| | 8 | 6-10 hrs | 17 | 7 | 617 | 6 | | | | | | |
| | 13 | 11-15 hrs | 4 | 2 | 250 | 2 | | | | | | |
| | 18 | 16-20 hrs | 2 | 1 | 170 | 2 | | | | | | |
| | 23 | 21-25 hrs | 1 | 0 | 73 | 1 | | | | | | |
| | 28 | 26-30 hrs | 0 | 0 | 22 | 0 | | | | | | |
| | 33 | More than 30 hrs | 0 | 0 | 28 | 0 | | | | | | |
| | Total | | 246 | 100 | 10,679 | 100 | | | | | | |
| f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) | tmrelaxhrs | 0 | 0 hrs | 5 | 2 | 110 | 1 | 13.0 | 13.3 | | -.04 | |
| | (Recorded version of tmrelax created by NSSE. Values are estimated number of hours per week.) | 3 | 1-5 hrs | 31 | 12 | 1,643 | 16 | | | | | |
| | 8 | 6-10 hrs | 81 | 33 | 3,033 | 28 | | | | | | |
| | 13 | 11-15 hrs | 56 | 22 | 2,460 | 23 | | | | | | |
| | 18 | 16-20 hrs | 35 | 15 | 1,641 | 15 | | | | | | |
| | 23 | 21-25 hrs | 19 | 8 | 864 | 8 | | | | | | |
| | 28 | 26-30 hrs | 5 | 2 | 351 | 3 | | | | | | |
| 33 | More than 30 hrs | 13 | 6 | 622 | 6 | | | | | | | |
| Total | | 245 | 100 | 10,724 | 100 | | | | | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|---------|-----|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| g. Providing care for dependents (children, parents, etc.) | tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i> | 0 | 0 hrs | 228 | 92 | 9,125 | 84 | .6 | 1.4 *** | ▽ | -.19 | |
| | | 3 | 1-5 hrs | 13 | 5 | 756 | 7 | | | | | |
| | | 8 | 6-10 hrs | 1 | 0 | 343 | 3 | | | | | |
| | | 13 | 11-15 hrs | 1 | 0 | 228 | 2 | | | | | |
| | | 18 | 16-20 hrs | 3 | 1 | 154 | 1 | | | | | |
| | | 23 | 21-25 hrs | 1 | 0 | 65 | 1 | | | | | |
| | | 28 | 26-30 hrs | 0 | 0 | 26 | 0 | | | | | |
| | | 33 | More than 30 hrs | 0 | 0 | 34 | 0 | | | | | |
| Total | | | | 247 | 100 | 10,731 | 100 | | | | | |
| h. Commuting to campus (driving, walking, etc.) | tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i> | 0 | 0 hrs | 108 | 44 | 4,034 | 37 | 2.7 | 3.7 *** | ▽ | -.19 | |
| | | 3 | 1-5 hrs | 97 | 40 | 4,541 | 42 | | | | | |
| | | 8 | 6-10 hrs | 33 | 13 | 1,382 | 13 | | | | | |
| | | 13 | 11-15 hrs | 4 | 2 | 433 | 4 | | | | | |
| | | 18 | 16-20 hrs | 4 | 2 | 203 | 2 | | | | | |
| | | 23 | 21-25 hrs | 0 | 0 | 102 | 1 | | | | | |
| | | 28 | 26-30 hrs | 0 | 0 | 35 | 0 | | | | | |
| | | 33 | More than 30 hrs | 0 | 0 | 47 | 0 | | | | | |
| Total | | | | 246 | 100 | 10,777 | 100 | | | | | |
| 16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading? | | | | | | | | | | | | |
| reading | tmreadinghrs | 1 | Very little | 25 | 11 | 1,048 | 12 | 2.6 | 2.8 ** | ▽ | -.18 | |
| | | 2 | Some | 110 | 45 | 3,377 | 34 | | | | | |
| | | 3 | About half | 63 | 25 | 3,128 | 28 | | | | | |
| | | 4 | Most | 37 | 14 | 2,227 | 19 | | | | | |
| | | 5 | Almost all | 12 | 5 | 915 | 7 | | | | | |
| | | Total | | | | 247 | 100 | | | | | 10,695 |
| <i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i> | | | | | | | | 7.8 | 7.3 | .09 | | |

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-----------------------------|------------------------------------------------------|---------------------|-----------------------------|-------|-----|-------|--------|------|------|-----|--|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| | tmreadinghrscol | 1 | 0 hrs | 0 | 0 | 48 | 1 | | | | | |
| | (Collapsed version of tmreadinghrs created by NSSE.) | 2 | More than zero, up to 5 hrs | 89 | 37 | 4,503 | 46 | | | | | |
| | | 3 | More than 5, up to 10 hrs | 98 | 39 | 3,373 | 31 | | | | | |
| | | 4 | More than 10, up to 15 hrs | 34 | 14 | 1,303 | 11 | | | | | |
| | | 5 | More than 15, up to 20 hrs | 8 | 3 | 779 | 6 | | | | | |
| | | 6 | More than 20, up to 25 hrs | 12 | 5 | 459 | 4 | | | | | |
| | | 7 | More than 25 hrs | 5 | 2 | 187 | 2 | | | | | |
| | | | Total | | 246 | 100 | 10,652 | 100 | | | | |

17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

| | | | | | | | | | | |
|----------------------------------------------------|-----------|-------|-------------|-----|-----|--------|-----|------------|-----|------|
| a. Writing clearly and effectively | pgwrite | 1 | Very little | 14 | 6 | 1,044 | 11 | 2.8 | 2.7 | .10 |
| | | 2 | Some | 76 | 32 | 2,997 | 29 | | | |
| | | 3 | Quite a bit | 98 | 39 | 4,256 | 38 | | | |
| | | 4 | Very much | 59 | 23 | 2,529 | 22 | | | |
| | | Total | | 247 | 100 | 10,826 | 100 | | | |
| b. Speaking clearly and effectively | pgspeak | 1 | Very little | 34 | 14 | 1,605 | 16 | 2.4 | 2.5 | -.10 |
| | | 2 | Some | 98 | 40 | 3,530 | 33 | | | |
| | | 3 | Quite a bit | 85 | 34 | 3,651 | 34 | | | |
| | | 4 | Very much | 30 | 12 | 1,997 | 18 | | | |
| | | Total | | 247 | 100 | 10,783 | 100 | | | |
| c. Thinking critically and analytically | pgthink | 1 | Very little | 10 | 4 | 355 | 4 | 3.1 | 3.1 | .05 |
| | | 2 | Some | 37 | 15 | 2,129 | 20 | | | |
| | | 3 | Quite a bit | 114 | 46 | 4,664 | 43 | | | |
| | | 4 | Very much | 88 | 34 | 3,648 | 34 | | | |
| | | Total | | 249 | 100 | 10,796 | 100 | | | |
| d. Analyzing numerical and statistical information | pganalyze | 1 | Very little | 29 | 11 | 1,406 | 12 | 2.8 | 2.7 | .10 |
| | | 2 | Some | 67 | 27 | 3,266 | 30 | | | |
| | | 3 | Quite a bit | 79 | 33 | 3,716 | 35 | | | |
| | | 4 | Very much | 71 | 28 | 2,387 | 23 | | | |
| | | Total | | 246 | 100 | 10,775 | 100 | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

*Your first-year students
compared with*

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-----------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|--------|------|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| e. Acquiring job- or work-related knowledge and skills | pgwork | 1 | Very little | 24 | 11 | 1,410 | 13 | 2.6 | 2.6 | | .06 | |
| | | 2 | Some | 89 | 36 | 3,608 | 34 | | | | | |
| | | 3 | Quite a bit | 76 | 31 | 3,610 | 34 | | | | | |
| | | 4 | Very much | 57 | 22 | 2,162 | 20 | | | | | |
| | | Total | | 246 | 100 | 10,790 | 100 | | | | | |
| f. Working effectively with others | pgothers | 1 | Very little | 17 | 7 | 826 | 8 | 2.7 | 2.8 | | -.04 | |
| | | 2 | Some | 80 | 33 | 3,160 | 30 | | | | | |
| | | 3 | Quite a bit | 95 | 38 | 4,226 | 39 | | | | | |
| | | 4 | Very much | 55 | 21 | 2,553 | 23 | | | | | |
| | | Total | | 247 | 100 | 10,765 | 100 | | | | | |
| g. Developing or clarifying a personal code of values and ethics | pgvalues | 1 | Very little | 51 | 21 | 1,533 | 15 | 2.4 | 2.6 ** | ▽ | -.17 | |
| | | 2 | Some | 73 | 30 | 3,223 | 30 | | | | | |
| | | 3 | Quite a bit | 80 | 32 | 3,710 | 34 | | | | | |
| | | 4 | Very much | 42 | 16 | 2,319 | 20 | | | | | |
| | | Total | | 246 | 100 | 10,785 | 100 | | | | | |
| h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.) | pgdiverse | 1 | Very little | 35 | 15 | 1,095 | 11 | 2.6 | 2.7 | | -.13 | |
| | | 2 | Some | 76 | 31 | 3,029 | 28 | | | | | |
| | | 3 | Quite a bit | 76 | 31 | 3,961 | 36 | | | | | |
| | | 4 | Very much | 59 | 23 | 2,705 | 25 | | | | | |
| | | Total | | 246 | 100 | 10,790 | 100 | | | | | |
| i. Solving complex real-world problems | pgprobsolve | 1 | Very little | 22 | 10 | 1,265 | 12 | 2.6 | 2.6 | | .00 | |
| | | 2 | Some | 93 | 38 | 3,635 | 34 | | | | | |
| | | 3 | Quite a bit | 81 | 33 | 3,738 | 34 | | | | | |
| | | 4 | Very much | 49 | 20 | 2,145 | 20 | | | | | |
| | | Total | | 245 | 100 | 10,783 | 100 | | | | | |
| j. Being an informed and active citizen | pgcitizen | 1 | Very little | 47 | 20 | 1,450 | 14 | 2.4 | 2.6 ** | ▽ | -.17 | |
| | | 2 | Some | 90 | 37 | 3,585 | 34 | | | | | |
| | | 3 | Quite a bit | 64 | 26 | 3,642 | 34 | | | | | |
| | | 4 | Very much | 43 | 17 | 2,051 | 18 | | | | | |
| | | Total | | 244 | 100 | 10,728 | 100 | | | | | |

First-Year Students

Frequency Distributions^a

Statistical Comparisons^b

Your first-year students
compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|---------|------|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| 18. How would you evaluate your entire educational experience at this institution? | | | | | | | | | | | | |
| | evalexp | 1 | Poor | 3 | 1 | 168 | 2 | 3.4 | 3.2 *** | .24 | △ | |
| | | 2 | Fair | 20 | 9 | 1,173 | 11 | | | | | |
| | | 3 | Good | 98 | 40 | 5,353 | 50 | | | | | |
| | | 4 | Excellent | 126 | 50 | 4,129 | 37 | | | | | |
| | | Total | | 247 | 100 | 10,823 | 100 | | | | | |
| 19. If you could start over again, would you go to the same institution you are now attending? | | | | | | | | | | | | |
| | sameinst | 1 | Definitely no | 6 | 3 | 302 | 3 | 3.3 | 3.3 | .01 | | |
| | | 2 | Probably no | 26 | 10 | 1,221 | 11 | | | | | |
| | | 3 | Probably yes | 108 | 44 | 4,543 | 42 | | | | | |
| | | 4 | Definitely yes | 108 | 43 | 4,772 | 44 | | | | | |
| | | Total | | 248 | 100 | 10,838 | 100 | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|----------------------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|---------|------|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| 1. During the current school year, about how often have you done the following? | | | | | | | | | | | | |
| a. Asked questions or contributed to course discussions in other ways | askquest | 1 | Never | 2 | 1 | 454 | 3 | 3.0 | 3.0 | | .11 | |
| | | 2 | Sometimes | 74 | 32 | 4,673 | 31 | | | | | |
| | | 3 | Often | 65 | 28 | 4,948 | 32 | | | | | |
| | | 4 | Very often | 89 | 39 | 5,211 | 33 | | | | | |
| | | Total | | 230 | 100 | 15,286 | 100 | | | | | |
| b. Prepared two or more drafts of a paper or assignment before turning it in | drafts | 1 | Never | 70 | 31 | 4,137 | 28 | 2.1 | 2.2 | | -.10 | |
| | | 2 | Sometimes | 86 | 38 | 5,684 | 37 | | | | | |
| | | 3 | Often | 46 | 20 | 3,340 | 22 | | | | | |
| | | 4 | Very often | 25 | 11 | 2,049 | 13 | | | | | |
| | | Total | | 227 | 100 | 15,210 | 100 | | | | | |
| c. Come to class without completing readings or assignments | unpreparedr (Reverse-coded version of unprepared created by NSSE.) | 1 | Very often | 24 | 11 | 1,474 | 10 | 2.8 | 2.7 | | .06 | |
| | | 2 | Often | 45 | 20 | 3,147 | 21 | | | | | |
| | | 3 | Sometimes | 117 | 51 | 8,370 | 55 | | | | | |
| | | 4 | Never | 42 | 18 | 2,150 | 14 | | | | | |
| | | Total | | 228 | 100 | 15,141 | 100 | | | | | |
| d. Attended an art exhibit, play or other arts performance (dance, music, etc.) | attendart | 1 | Never | 45 | 20 | 5,141 | 37 | 2.2 | 1.9 *** | ▲ | .36 | |
| | | 2 | Sometimes | 107 | 48 | 6,602 | 42 | | | | | |
| | | 3 | Often | 48 | 21 | 2,063 | 13 | | | | | |
| | | 4 | Very often | 25 | 11 | 1,263 | 8 | | | | | |
| | | Total | | 225 | 100 | 15,069 | 100 | | | | | |
| e. Asked another student to help you understand course material | CLaskhelp | 1 | Never | 18 | 8 | 1,342 | 10 | 2.6 | 2.5 | | .06 | |
| | | 2 | Sometimes | 99 | 44 | 6,480 | 44 | | | | | |
| | | 3 | Often | 66 | 29 | 4,622 | 30 | | | | | |
| | | 4 | Very often | 43 | 19 | 2,578 | 17 | | | | | |
| | | Total | | 226 | 100 | 15,022 | 100 | | | | | |
| f. Explained course material to one or more students | CLexplain | 1 | Never | 6 | 3 | 414 | 3 | 2.9 | 2.8 | | .04 | |
| | | 2 | Sometimes | 80 | 35 | 5,143 | 35 | | | | | |
| | | 3 | Often | 80 | 35 | 5,943 | 39 | | | | | |
| | | 4 | Very often | 60 | 27 | 3,367 | 23 | | | | | |
| | | Total | | 226 | 100 | 14,867 | 100 | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|-------|--------|-------|----|------------|---------|------|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| g. Prepared for exams by discussing or working through course material with other students | CLstudy | 1 | Never | 33 | 15 | 1,916 | 13 | 2.6 | 2.6 | | .00 | |
| | | 2 | Sometimes | 79 | 35 | 5,309 | 36 | | | | | |
| | | 3 | Often | 65 | 29 | 4,486 | 30 | | | | | |
| | | 4 | Very often | 50 | 22 | 3,148 | 21 | | | | | |
| | | Total | 227 | 100 | 14,859 | 100 | | | | | | |
| h. Worked with other students on course projects or assignments | CLproject | 1 | Never | 7 | 3 | 706 | 5 | 3.0 | 2.9 | | .11 | |
| | | 2 | Sometimes | 56 | 25 | 4,151 | 28 | | | | | |
| | | 3 | Often | 87 | 38 | 5,065 | 34 | | | | | |
| | | 4 | Very often | 77 | 34 | 4,895 | 32 | | | | | |
| | | Total | 227 | 100 | 14,817 | 100 | | | | | | |
| i. Given a course presentation | present | 1 | Never | 8 | 4 | 1,386 | 10 | 3.0 | 2.6 *** | ▲ | .35 | |
| | | 2 | Sometimes | 61 | 27 | 5,397 | 38 | | | | | |
| | | 3 | Often | 86 | 38 | 4,592 | 31 | | | | | |
| | | 4 | Very often | 70 | 31 | 3,323 | 22 | | | | | |
| | | Total | 225 | 100 | 14,698 | 100 | | | | | | |
| 2. During the current school year, about how often have you done the following? | | | | | | | | | | | | |
| a. Combined ideas from different courses when completing assignments | RIintegrate | 1 | Never | 2 | 1 | 283 | 2 | 3.0 | 3.0 | | .00 | |
| | | 2 | Sometimes | 67 | 30 | 3,607 | 26 | | | | | |
| | | 3 | Often | 79 | 36 | 5,962 | 41 | | | | | |
| | | 4 | Very often | 73 | 33 | 4,595 | 31 | | | | | |
| | | Total | 221 | 100 | 14,447 | 100 | | | | | | |
| b. Connected your learning to societal problems or issues | RIsocietal | 1 | Never | 23 | 11 | 921 | 7 | 2.7 | 2.8 | | -.05 | |
| | | 2 | Sometimes | 75 | 34 | 4,610 | 33 | | | | | |
| | | 3 | Often | 63 | 29 | 5,114 | 35 | | | | | |
| | | 4 | Very often | 59 | 27 | 3,658 | 24 | | | | | |
| | | Total | 220 | 100 | 14,303 | 100 | | | | | | |
| c. Included diverse perspectives (political, religious, racial/ethnic, gender, etc.) in course discussions or assignments | RIdiverse | 1 | Never | 37 | 17 | 1,926 | 15 | 2.5 | 2.5 | | -.02 | |
| | | 2 | Sometimes | 76 | 35 | 5,118 | 36 | | | | | |
| | | 3 | Often | 62 | 28 | 4,286 | 29 | | | | | |
| | | 4 | Very often | 44 | 20 | 2,938 | 19 | | | | | |
| | | Total | 219 | 100 | 14,268 | 100 | | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|----------------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|-------|--------|-------|----|------------|------|-----|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| d. Examined the strengths and weaknesses of your own views on a topic or issue | Rlownview | 1 | Never | 9 | 4 | 748 | 6 | 2.9 | 2.8 | | .10 | |
| | | 2 | Sometimes | 67 | 31 | 4,707 | 33 | | | | | |
| | | 3 | Often | 86 | 40 | 5,640 | 39 | | | | | |
| | | 4 | Very often | 54 | 25 | 3,141 | 22 | | | | | |
| | | Total | 216 | 100 | 14,236 | 100 | | | | | | |
| e. Tried to better understand someone else's views by imagining how an issue looks from his or her perspective | Rlperspect | 1 | Never | 7 | 3 | 560 | 4 | 2.9 | 2.9 | | .08 | |
| | | 2 | Sometimes | 62 | 29 | 4,113 | 29 | | | | | |
| | | 3 | Often | 83 | 39 | 5,803 | 40 | | | | | |
| | | 4 | Very often | 63 | 29 | 3,734 | 26 | | | | | |
| | | Total | 215 | 100 | 14,210 | 100 | | | | | | |
| f. Learned something that changed the way you understand an issue or concept | Rlnewview | 1 | Never | 6 | 3 | 263 | 2 | 2.9 | 2.9 | | -.04 | |
| | | 2 | Sometimes | 64 | 30 | 3,966 | 29 | | | | | |
| | | 3 | Often | 90 | 42 | 6,077 | 43 | | | | | |
| | | 4 | Very often | 54 | 25 | 3,874 | 26 | | | | | |
| | | Total | 214 | 100 | 14,180 | 100 | | | | | | |
| g. Connected ideas from your courses to your prior experiences and knowledge | Rlconnect | 1 | Never | 1 | 0 | 147 | 1 | 3.3 | 3.2 | | .09 | |
| | | 2 | Sometimes | 32 | 15 | 2,296 | 17 | | | | | |
| | | 3 | Often | 91 | 43 | 6,076 | 43 | | | | | |
| | | 4 | Very often | 90 | 42 | 5,584 | 39 | | | | | |
| | | Total | 214 | 100 | 14,103 | 100 | | | | | | |
| 3. During the current school year, about how often have you done the following? | | | | | | | | | | | | |
| a. Talked about career plans with a faculty member | SFcareer | 1 | Never | 28 | 13 | 2,299 | 17 | 2.4 | 2.4 | | .04 | |
| | | 2 | Sometimes | 103 | 47 | 6,185 | 44 | | | | | |
| | | 3 | Often | 59 | 27 | 3,431 | 23 | | | | | |
| | | 4 | Very often | 29 | 13 | 2,279 | 15 | | | | | |
| | | Total | 219 | 100 | 14,194 | 100 | | | | | | |
| b. Worked with a faculty member on activities other than coursework (committees, student groups, etc.) | SFotherwork | 1 | Never | 67 | 31 | 5,683 | 41 | 2.1 | 2.0 | | .13 | |
| | | 2 | Sometimes | 83 | 38 | 4,474 | 31 | | | | | |
| | | 3 | Often | 43 | 20 | 2,391 | 17 | | | | | |
| | | 4 | Very often | 25 | 11 | 1,612 | 11 | | | | | |
| | | Total | 218 | 100 | 14,160 | 100 | | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|--------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|-------|--------|-------|----|------|--------|------|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| c. Discussed course topics, ideas, or concepts with a faculty member outside of class | SFdiscuss | 1 | Never | 45 | 21 | 3,349 | 25 | 2.2 | 2.2 | | .06 | |
| | | 2 | Sometimes | 103 | 47 | 6,303 | 44 | | | | | |
| | | 3 | Often | 47 | 22 | 3,001 | 21 | | | | | |
| | | 4 | Very often | 24 | 11 | 1,493 | 10 | | | | | |
| | | Total | 219 | 100 | 14,146 | 100 | | | | | | |
| d. Discussed your academic performance with a faculty member | SFperform | 1 | Never | 55 | 25 | 3,788 | 28 | 2.1 | 2.1 | | -.03 | |
| | | 2 | Sometimes | 114 | 52 | 6,447 | 46 | | | | | |
| | | 3 | Often | 32 | 15 | 2,581 | 18 | | | | | |
| | | 4 | Very often | 17 | 8 | 1,249 | 9 | | | | | |
| | | Total | 218 | 100 | 14,065 | 100 | | | | | | |
| 4. During the current school year, how much has your coursework emphasized the following? | | | | | | | | | | | | |
| a. Memorizing course material | memorize | 1 | Very little | 26 | 12 | 1,018 | 7 | 2.7 | 2.8 | | -.12 | |
| | | 2 | Some | 63 | 29 | 4,150 | 30 | | | | | |
| | | 3 | Quite a bit | 75 | 35 | 5,466 | 39 | | | | | |
| | | 4 | Very much | 51 | 24 | 3,482 | 25 | | | | | |
| | | Total | 215 | 100 | 14,116 | 100 | | | | | | |
| b. Applying facts, theories, or methods to practical problems or new situations | HOapply | 1 | Very little | 8 | 4 | 409 | 3 | 3.2 | 3.1 * | Δ | .13 | |
| | | 2 | Some | 25 | 12 | 2,642 | 20 | | | | | |
| | | 3 | Quite a bit | 98 | 46 | 6,099 | 43 | | | | | |
| | | 4 | Very much | 84 | 39 | 4,927 | 35 | | | | | |
| | | Total | 215 | 100 | 14,077 | 100 | | | | | | |
| c. Analyzing an idea, experience, or line of reasoning in depth by examining its parts | HOanalyze | 1 | Very little | 10 | 5 | 500 | 4 | 3.2 | 3.0 ** | Δ | .18 | |
| | | 2 | Some | 31 | 14 | 3,000 | 22 | | | | | |
| | | 3 | Quite a bit | 81 | 38 | 5,685 | 40 | | | | | |
| | | 4 | Very much | 93 | 43 | 4,834 | 34 | | | | | |
| | | Total | 215 | 100 | 14,019 | 100 | | | | | | |
| d. Evaluating a point of view, decision, or information source | HOevaluate | 1 | Very little | 20 | 9 | 1,067 | 9 | 2.9 | 2.8 | | .06 | |
| | | 2 | Some | 56 | 26 | 3,858 | 28 | | | | | |
| | | 3 | Quite a bit | 74 | 34 | 5,379 | 38 | | | | | |
| | | 4 | Very much | 65 | 30 | 3,713 | 25 | | | | | |
| | | Total | 215 | 100 | 14,017 | 100 | | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|----------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|------|-----|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| e. Forming a new idea or understanding from various pieces of information | HOform | 1 | Very little | 14 | 7 | 833 | 7 | 2.9 | 2.9 | | .00 | |
| | | 2 | Some | 59 | 28 | 3,702 | 27 | | | | | |
| | | 3 | Quite a bit | 83 | 39 | 5,654 | 40 | | | | | |
| | | 4 | Very much | 58 | 27 | 3,796 | 27 | | | | | |
| | | Total | | 214 | 100 | 13,985 | 100 | | | | | |
| 5. During the current school year, to what extent have your instructors done the following? | | | | | | | | | | | | |
| a. Clearly explained course goals and requirements | ETgoals | 1 | Very little | 5 | 2 | 198 | 2 | 3.1 | 3.1 | | -.09 | |
| | | 2 | Some | 33 | 15 | 2,368 | 17 | | | | | |
| | | 3 | Quite a bit | 119 | 56 | 6,758 | 48 | | | | | |
| | | 4 | Very much | 56 | 26 | 4,787 | 34 | | | | | |
| | | Total | | 213 | 100 | 14,111 | 100 | | | | | |
| b. Taught course sessions in an organized way | ETorganize | 1 | Very little | 5 | 2 | 226 | 2 | 3.0 | 3.1 | | -.10 | |
| | | 2 | Some | 40 | 19 | 2,624 | 19 | | | | | |
| | | 3 | Quite a bit | 117 | 55 | 6,892 | 49 | | | | | |
| | | 4 | Very much | 51 | 24 | 4,319 | 30 | | | | | |
| | | Total | | 213 | 100 | 14,061 | 100 | | | | | |
| c. Used examples or illustrations to explain difficult points | ETexample | 1 | Very little | 3 | 1 | 297 | 2 | 3.1 | 3.1 | | -.07 | |
| | | 2 | Some | 48 | 23 | 2,506 | 19 | | | | | |
| | | 3 | Quite a bit | 95 | 44 | 6,206 | 44 | | | | | |
| | | 4 | Very much | 67 | 31 | 5,032 | 35 | | | | | |
| | | Total | | 213 | 100 | 14,041 | 100 | | | | | |
| d. Provided feedback on a draft or work in progress | ETdraftfb | 1 | Very little | 34 | 16 | 1,925 | 14 | 2.5 | 2.6 | | -.11 | |
| | | 2 | Some | 79 | 37 | 4,746 | 34 | | | | | |
| | | 3 | Quite a bit | 69 | 32 | 4,577 | 32 | | | | | |
| | | 4 | Very much | 32 | 15 | 2,778 | 20 | | | | | |
| | | Total | | 214 | 100 | 14,026 | 100 | | | | | |
| e. Provided prompt and detailed feedback on tests or completed assignments | ETfeedback | 1 | Very little | 19 | 9 | 1,124 | 9 | 2.8 | 2.7 | | .09 | |
| | | 2 | Some | 62 | 29 | 4,674 | 34 | | | | | |
| | | 3 | Quite a bit | 83 | 39 | 5,332 | 37 | | | | | |
| | | 4 | Very much | 50 | 23 | 2,834 | 20 | | | | | |
| | | Total | | 214 | 100 | 13,964 | 100 | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | Your seniors compared with | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|--------|-----|--------|-----|----------------------------|---------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Effect size ^e |
| 6. During the current school year, about how often have you done the following? | | | | | | | | | | |
| a. Reached conclusions based on your own analysis of numerical information (numbers, graphs, statistics, etc.) | QRconclude | 1 | Never | 16 | 7 | 1,646 | 11 | 2.9 | 2.7 ** | .21 |
| | | 2 | Sometimes | 55 | 26 | 4,277 | 30 | | | |
| | | 3 | Often | 71 | 33 | 4,681 | 33 | | | |
| | | 4 | Very often | 71 | 33 | 3,475 | 25 | | | |
| | | Total | | 213 | 100 | 14,079 | 100 | | | |
| b. Used numerical information to examine a real-world problem or issue (unemployment, climate change, public health, etc.) | QRproblem | 1 | Never | 42 | 20 | 2,623 | 19 | 2.5 | 2.5 | .08 |
| | | 2 | Sometimes | 62 | 29 | 4,938 | 35 | | | |
| | | 3 | Often | 61 | 29 | 3,857 | 27 | | | |
| | | 4 | Very often | 48 | 22 | 2,644 | 19 | | | |
| | | Total | | 213 | 100 | 14,062 | 100 | | | |
| c. Evaluated what others have concluded from numerical information | QRevaluate | 1 | Never | 31 | 15 | 1,985 | 14 | 2.6 | 2.5 | .09 |
| | | 2 | Sometimes | 67 | 31 | 5,024 | 36 | | | |
| | | 3 | Often | 65 | 31 | 4,380 | 31 | | | |
| | | 4 | Very often | 50 | 23 | 2,634 | 19 | | | |
| | | Total | | 213 | 100 | 14,023 | 100 | | | |
| 7. During the current school year, about how many papers, reports, or other writing tasks of the following length have you been assigned? (Include those not yet completed.) | | | | | | | | | | |
| a. Up to 5 pages | wrshortnum <i>(Recoded version of wrshort created by NSSE. Values are estimated number of papers, reports, etc.)</i> | 0 | None | 9 | 4 | 716 | 6 | 7.3 | 7.6 | -.04 |
| | | 1.5 | 1-2 | 44 | 22 | 2,490 | 19 | | | |
| | | 4 | 3-5 | 59 | 29 | 3,616 | 27 | | | |
| | | 8 | 6-10 | 38 | 19 | 3,001 | 23 | | | |
| | | 13 | 11-15 | 26 | 13 | 1,470 | 11 | | | |
| | | 18 | 16-20 | 10 | 5 | 809 | 6 | | | |
| | | 23 | More than 20 | 15 | 7 | 1,094 | 8 | | | |
| | | Total | | 201 | 100 | 13,196 | 100 | | | |
| b. Between 6 and 10 pages | wrmednum <i>(Recoded version of wrmed created by NSSE. Values are estimated number of papers, reports, etc.)</i> | 0 | None | 20 | 10 | 2,689 | 21 | 4.2 | 3.3 *** | .24 |
| | | 1.5 | 1-2 | 75 | 38 | 4,768 | 37 | | | |
| | | 4 | 3-5 | 63 | 32 | 3,473 | 26 | | | |
| | | 8 | 6-10 | 27 | 14 | 1,426 | 11 | | | |
| | | 13 | 11-15 | 4 | 2 | 428 | 3 | | | |
| | | 18 | 16-20 | 5 | 3 | 144 | 1 | | | |
| | | 23 | More than 20 | 5 | 3 | 99 | 1 | | | |
| Total | | 199 | 100 | 13,027 | 100 | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | Your seniors compared with | | |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------------------------------------------------------------------------------|-------|--------|--------|-----|----------------------------|---------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Effect size ^e |
| c. 11 pages or more | wrlongnum | 0 | None | 53 | 27 | 5,499 | 43 | 2.6 | 1.9 ** | .19 |
| | (Recorded version of wrlong created by NSSE. Values are estimated number of papers, reports, etc.) | 1.5 | 1-2 | 86 | 44 | 4,842 | 38 | | | |
| | | 4 | 3-5 | 36 | 18 | 1,524 | 12 | | | |
| | | 8 | 6-10 | 15 | 8 | 501 | 4 | | | |
| | | 13 | 11-15 | 4 | 2 | 196 | 2 | | | |
| | | 18 | 16-20 | 1 | 1 | 90 | 1 | | | |
| | | 23 | More than 20 | 2 | 1 | 108 | 1 | | | |
| | | Total | 197 | 100 | 12,760 | 100 | | | | |
| Estimated number of assigned pages of student writing. | wpages | | (Continuous variable, recoded and summed by NSSE from wrshort, wrmed, and wrlong. Values are estimated pages of assigned writing.) | | | | | 94.5 | 76.3 ** | .22 |
| 8. During the current school year, about how often have you had discussions with people from the following groups? | | | | | | | | | | |
| a. People of a race or ethnicity other than your own | DDrace | 1 | Never | 1 | 0 | 361 | 3 | 3.4 | 3.2 *** | .24 |
| | | 2 | Sometimes | 23 | 11 | 2,653 | 19 | | | |
| | | 3 | Often | 63 | 31 | 3,902 | 28 | | | |
| | | 4 | Very often | 116 | 57 | 6,541 | 49 | | | |
| | | | Total | 203 | 100 | 13,457 | 100 | | | |
| b. People from an economic background other than your own | DDeconomic | 1 | Never | 6 | 3 | 373 | 3 | 3.2 | 3.2 | .07 |
| | | 2 | Sometimes | 41 | 20 | 2,750 | 20 | | | |
| | | 3 | Often | 56 | 28 | 4,425 | 33 | | | |
| | | 4 | Very often | 100 | 49 | 5,887 | 43 | | | |
| | | | Total | 203 | 100 | 13,435 | 100 | | | |
| c. People with religious beliefs other than your own | DDreligion | 1 | Never | 6 | 3 | 438 | 4 | 3.2 | 3.2 | .08 |
| | | 2 | Sometimes | 41 | 20 | 2,732 | 20 | | | |
| | | 3 | Often | 53 | 26 | 4,174 | 31 | | | |
| | | 4 | Very often | 103 | 51 | 6,055 | 45 | | | |
| | | | Total | 203 | 100 | 13,399 | 100 | | | |
| d. People with political views other than your own | DDpolitical | 1 | Never | 6 | 3 | 531 | 4 | 3.2 | 3.1 | .09 |
| | | 2 | Sometimes | 47 | 23 | 3,245 | 24 | | | |
| | | 3 | Often | 59 | 29 | 4,193 | 31 | | | |
| | | 4 | Very often | 90 | 45 | 5,378 | 40 | | | |
| | | | Total | 202 | 100 | 13,347 | 100 | | | |

*p<.05, **p<.01, ***p<.001 (2-tailed); Refer to p. 2 for key to triangle symbols.

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------|------------------|--------|-----|--------|-----|------------|---------|------|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| 9. During the current school year, about how often have you done the following? | | | | | | | | | | | | |
| a. Identified key information from reading assignments | LSreading | 1 | Never | 8 | 4 | 298 | 3 | 3.2 | 3.2 | | | .05 |
| | | 2 | Sometimes | 31 | 15 | 2,316 | 18 | | | | | |
| | | 3 | Often | 74 | 37 | 5,264 | 39 | | | | | |
| | | 4 | Very often | 89 | 44 | 5,527 | 40 | | | | | |
| | | Total | | 202 | 100 | 13,405 | 100 | | | | | |
| b. Reviewed your notes after class | LSnotes | 1 | Never | 20 | 10 | 1,360 | 10 | 2.7 | 2.7 | | | -.03 |
| | | 2 | Sometimes | 78 | 39 | 4,811 | 36 | | | | | |
| | | 3 | Often | 51 | 26 | 3,840 | 29 | | | | | |
| | | 4 | Very often | 50 | 25 | 3,358 | 25 | | | | | |
| | | Total | | 199 | 100 | 13,369 | 100 | | | | | |
| c. Summarized what you learned in class or from course materials | LSsummary | 1 | Never | 24 | 12 | 1,114 | 9 | 2.7 | 2.7 | | | -.06 |
| | | 2 | Sometimes | 63 | 32 | 4,350 | 33 | | | | | |
| | | 3 | Often | 62 | 32 | 4,441 | 33 | | | | | |
| | | 4 | Very often | 47 | 24 | 3,290 | 24 | | | | | |
| | | Total | | 196 | 100 | 13,195 | 100 | | | | | |
| 10. During the current school year, to what extent have your courses challenged you to do your best work? | | | | | | | | | | | | |
| challenge | | 1 | Not at all | 4 | 2 | 75 | 1 | 5.5 | 5.4 | | | .05 |
| | | 2 | | 2 | 1 | 196 | 2 | | | | | |
| | | 3 | | 5 | 2 | 471 | 4 | | | | | |
| | | 4 | | 18 | 9 | 1,429 | 11 | | | | | |
| | | 5 | | 60 | 30 | 4,362 | 32 | | | | | |
| | | 6 | | 74 | 37 | 4,431 | 32 | | | | | |
| | | 7 | Very much | 38 | 19 | 2,408 | 19 | | | | | |
| Total | | 201 | 100 | 13,372 | 100 | | | | | | | |
| 11. Which of the following have you done or do you plan to do before you graduate?^f | | | | | | | | | | | | |
| a. Participate in an internship, co-op, field experience, student teaching, or clinical placement | intern <i>(Means indicate the percentage who responded "Done or in progress.")</i> | Have not decided | | 4 | 2 | 628 | 5 | 74% | 62% *** | △ | | .26 |
| | | Do not plan to do | | 35 | 18 | 1,796 | 14 | | | | | |
| | | Plan to do | | 13 | 7 | 2,407 | 19 | | | | | |
| | | Done or in progress | | 147 | 74 | 8,550 | 62 | | | | | |
| | | Total | | 199 | 100 | 13,381 | 100 | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e | |
|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------|---------------------|-------|-----|--------|-------|------------|---------|-----|--|--------------------------|----|
| | | | | Count | % | Count | % | Mean | Mean | | | | |
| b. Hold a formal leadership role in a student organization or group | leader <i>(Means indicate the percentage who responded "Done or in progress.")</i> | | Have not decided | 2 | 1 | 815 | 7 | 77% | 48% *** | ▲ | | .60 | |
| | | | Do not plan to do | 36 | 18 | 4,905 | 38 | | | | | | |
| | | | Plan to do | 8 | 4 | 920 | 7 | | | | | | |
| | | | Done or in progress | 154 | 77 | 6,696 | 48 | | | | | | |
| | | | Total | 200 | 100 | 13,336 | 100 | | | | | | |
| c. Participate in a learning community or some other formal program where groups of students take two or more classes together | learncom <i>(Means indicate the percentage who responded "Done or in progress.")</i> | | Have not decided | 8 | 4 | 972 | 7 | 24% | 27% | | | -.07 | |
| | | | Do not plan to do | 137 | 69 | 7,841 | 58 | | | | | | |
| | | | Plan to do | 6 | 3 | 906 | 7 | | | | | | |
| | | | Done or in progress | 48 | 24 | 3,617 | 27 | | | | | | |
| | | | Total | 199 | 100 | 13,336 | 100 | | | | | | |
| d. Participate in a study abroad program | abroad <i>(Means indicate the percentage who responded "Done or in progress.")</i> | | Have not decided | 9 | 4 | 910 | 8 | 24% | 24% | | | .02 | |
| | | | Do not plan to do | 138 | 69 | 7,910 | 62 | | | | | | |
| | | | Plan to do | 4 | 2 | 898 | 7 | | | | | | |
| | | | Done or in progress | 49 | 24 | 3,590 | 24 | | | | | | |
| | | | Total | 200 | 100 | 13,308 | 100 | | | | | | |
| e. Work with a faculty member on a research project | research <i>(Means indicate the percentage who responded "Done or in progress.")</i> | | Have not decided | 2 | 1 | 1,254 | 10 | 58% | 33% *** | ▲ | | .49 | |
| | | | Do not plan to do | 69 | 35 | 6,079 | 44 | | | | | | |
| | | | Plan to do | 13 | 7 | 1,541 | 12 | | | | | | |
| | | | Done or in progress | 114 | 58 | 4,394 | 33 | | | | | | |
| | | | Total | 198 | 100 | 13,268 | 100 | | | | | | |
| f. Complete a culminating senior experience (capstone course, senior project or thesis, comprehensive exam, portfolio, etc.) | capstone <i>(Means indicate the percentage who responded "Done or in progress.")</i> | | Have not decided | 1 | 1 | 1,012 | 8 | 92% | 43% *** | ▲ | | 1.14 | |
| | | | Do not plan to do | 1 | 1 | 4,363 | 31 | | | | | | |
| | | | Plan to do | 14 | 7 | 2,274 | 18 | | | | | | |
| | | | Done or in progress | 183 | 92 | 5,640 | 43 | | | | | | |
| | | | Total | 199 | 100 | 13,289 | 100 | | | | | | |
| 12. About how many of your courses at this institution have included a community-based project (service-learning)? | | | | | | | | | | | | | |
| servcourse | | 1 | None | 101 | 51 | 6,852 | 52 | 1.5 | 1.5 | | | .01 | |
| | | | 2 | Some | 88 | 44 | 5,674 | | | | | | 42 |
| | | | 3 | Most | 9 | 4 | 638 | | | | | | 5 |
| | | | 4 | All | 1 | 0 | 106 | | | | | | 1 |
| | | | Total | 199 | 100 | 13,270 | 100 | | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-----------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|------|------|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| 13. Indicate the quality of your interactions with the following people at your institution. | | | | | | | | | | | | |
| a. Students | QIstudent | 1 | Poor | 2 | 1 | 127 | 1 | 5.7 | 5.6 | | .06 | |
| | | 2 | | 5 | 2 | 178 | 1 | | | | | |
| | | 3 | | 7 | 4 | 548 | 4 | | | | | |
| | | 4 | | 10 | 5 | 1,240 | 9 | | | | | |
| | | 5 | | 46 | 23 | 3,171 | 24 | | | | | |
| | | 6 | | 75 | 37 | 4,375 | 32 | | | | | |
| | | 7 | Excellent | 54 | 27 | 3,686 | 28 | | | | | |
| | | — | Not applicable | 1 | 1 | 36 | 0 | | | | | |
| | | | Total | 200 | 100 | 13,361 | 100 | | | | | |
| b. Academic advisors | QIadvisor | 1 | Poor | 12 | 6 | 689 | 5 | 4.7 | 4.9 | | -.11 | |
| | | 2 | | 15 | 8 | 879 | 7 | | | | | |
| | | 3 | | 27 | 14 | 1,245 | 9 | | | | | |
| | | 4 | | 26 | 13 | 1,952 | 14 | | | | | |
| | | 5 | | 40 | 20 | 2,673 | 20 | | | | | |
| | | 6 | | 38 | 19 | 2,714 | 20 | | | | | |
| | | 7 | Excellent | 39 | 20 | 3,009 | 23 | | | | | |
| | | — | Not applicable | 1 | 1 | 187 | 2 | | | | | |
| | | | Total | 198 | 100 | 13,348 | 100 | | | | | |
| c. Faculty | QIfaculty | 1 | Poor | 3 | 1 | 160 | 1 | 5.2 | 5.3 | | -.05 | |
| | | 2 | | 8 | 4 | 309 | 3 | | | | | |
| | | 3 | | 13 | 7 | 711 | 5 | | | | | |
| | | 4 | | 26 | 13 | 1,801 | 14 | | | | | |
| | | 5 | | 52 | 26 | 3,658 | 27 | | | | | |
| | | 6 | | 58 | 29 | 4,054 | 30 | | | | | |
| | | 7 | Excellent | 39 | 20 | 2,503 | 19 | | | | | |
| | | — | Not applicable | 1 | 1 | 60 | 1 | | | | | |
| | | | Total | 200 | 100 | 13,256 | 100 | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-----------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------|-----|--------|-----|------------|---------|------|--------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| d. Student services staff (career services, student activities, housing, etc.) | Qlstaff | 1 | Poor | 12 | 6 | 547 | 4 | 4.9 | 4.8 | .04 | | |
| | | 2 | | 8 | 4 | 673 | 5 | | | | | |
| | | 3 | | 9 | 4 | 1,111 | 8 | | | | | |
| | | 4 | | 36 | 18 | 2,204 | 16 | | | | | |
| | | 5 | | 62 | 31 | 3,057 | 22 | | | | | |
| | | 6 | | 37 | 19 | 2,649 | 19 | | | | | |
| | | 7 | Excellent | 31 | 16 | 1,767 | 13 | | | | | |
| | | — | Not applicable | 5 | 2 | 1,276 | 11 | | | | | |
| | Total | | | 200 | 100 | 13,284 | 100 | | | | | |
| e. Other administrative staff and offices (registrar, financial aid, etc.) | Qladmin | 1 | Poor | 8 | 4 | 712 | 6 | 4.8 | 4.5 | .13 | | |
| | | 2 | | 10 | 5 | 840 | 7 | | | | | |
| | | 3 | | 17 | 9 | 1,352 | 10 | | | | | |
| | | 4 | | 32 | 16 | 2,407 | 18 | | | | | |
| | | 5 | | 63 | 32 | 3,070 | 22 | | | | | |
| | | 6 | | 35 | 18 | 2,433 | 18 | | | | | |
| | | 7 | Excellent | 24 | 12 | 1,401 | 11 | | | | | |
| | | — | Not applicable | 10 | 5 | 1,100 | 8 | | | | | |
| | Total | | | 199 | 100 | 13,315 | 100 | | | | | |
| 14. How much does your institution emphasize the following? | | | | | | | | | | | | |
| a. Spending significant amounts of time studying and on academic work | empstudy | 1 | Very little | 1 | 1 | 211 | 2 | 3.7 | 3.2 *** | .60 | | |
| | | 2 | Some | 6 | 3 | 1,988 | 16 | | | | | |
| | | 3 | Quite a bit | 50 | 26 | 5,524 | 43 | | | | | |
| | | 4 | Very much | 136 | 70 | 5,102 | 40 | | | | | |
| | | | Total | | | 193 | 100 | | | | 12,825 | 100 |
| b. Providing support to help students succeed academically | SEacademic | 1 | Very little | 11 | 6 | 587 | 5 | 2.9 | 2.9 | .05 | | |
| | | 2 | Some | 48 | 25 | 3,443 | 28 | | | | | |
| | | 3 | Quite a bit | 80 | 42 | 5,512 | 42 | | | | | |
| | | 4 | Very much | 52 | 27 | 3,201 | 25 | | | | | |
| | | | Total | | | 191 | 100 | | | | 12,743 | 100 |
| c. Using learning support services (tutoring services, writing center, etc.) | SElearnsup | 1 | Very little | 12 | 6 | 1,066 | 9 | 2.8 | 2.8 | .07 | | |
| | | 2 | Some | 53 | 28 | 3,588 | 29 | | | | | |
| | | 3 | Quite a bit | 79 | 42 | 4,949 | 38 | | | | | |
| | | 4 | Very much | 45 | 24 | 3,128 | 24 | | | | | |
| | | | Total | | | 189 | 100 | | | | 12,731 | 100 |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-----------------------------------------------------------------------------------------------------------|----------------------------|---------------------|------------------|-------|--------|-------|----|------|---------|-------|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| d. Encouraging contact among students from different backgrounds (social, racial/ethnic, religious, etc.) | SEdiverse | 1 | Very little | 33 | 17 | 1,985 | 16 | 2.5 | 2.6 | -0.04 | | |
| | | 2 | Some | 62 | 32 | 4,283 | 33 | | | | | |
| | | 3 | Quite a bit | 58 | 30 | 3,822 | 30 | | | | | |
| | | 4 | Very much | 38 | 20 | 2,681 | 21 | | | | | |
| | | Total | 191 | 100 | 12,771 | 100 | | | | | | |
| e. Providing opportunities to be involved socially | SEsocial | 1 | Very little | 12 | 6 | 728 | 6 | 2.8 | 2.9 | -0.13 | | |
| | | 2 | Some | 52 | 27 | 3,091 | 25 | | | | | |
| | | 3 | Quite a bit | 88 | 46 | 5,075 | 39 | | | | | |
| | | 4 | Very much | 40 | 21 | 3,865 | 30 | | | | | |
| | | Total | 192 | 100 | 12,759 | 100 | | | | | | |
| f. Providing support for your overall well-being (recreation, health care, counseling, etc.) | SEwellness | 1 | Very little | 29 | 15 | 840 | 7 | 2.6 | 2.9 *** | -0.32 | ▼ | |
| | | 2 | Some | 49 | 26 | 3,013 | 24 | | | | | |
| | | 3 | Quite a bit | 76 | 40 | 5,002 | 39 | | | | | |
| | | 4 | Very much | 37 | 19 | 3,857 | 30 | | | | | |
| | | Total | 191 | 100 | 12,712 | 100 | | | | | | |
| g. Helping you manage your non-academic responsibilities (work, family, etc.) | SEnonacad | 1 | Very little | 74 | 40 | 4,088 | 32 | 1.9 | 2.1 * | -0.19 | ▼ | |
| | | 2 | Some | 71 | 38 | 4,773 | 37 | | | | | |
| | | 3 | Quite a bit | 30 | 16 | 2,664 | 21 | | | | | |
| | | 4 | Very much | 12 | 6 | 1,182 | 9 | | | | | |
| | | Total | 187 | 100 | 12,707 | 100 | | | | | | |
| h. Attending campus activities and events (performing arts, athletic events, etc.) | SEactivities | 1 | Very little | 32 | 17 | 902 | 7 | 2.4 | 2.9 *** | -0.50 | ▼ | |
| | | 2 | Some | 69 | 37 | 3,406 | 27 | | | | | |
| | | 3 | Quite a bit | 66 | 35 | 4,937 | 38 | | | | | |
| | | 4 | Very much | 21 | 11 | 3,453 | 27 | | | | | |
| | | Total | 188 | 100 | 12,698 | 100 | | | | | | |
| i. Attending events that address important social, economic, or political issues | SEevents | 1 | Very little | 35 | 19 | 2,046 | 17 | 2.4 | 2.4 | -0.03 | | |
| | | 2 | Some | 65 | 35 | 4,845 | 38 | | | | | |
| | | 3 | Quite a bit | 65 | 35 | 3,926 | 30 | | | | | |
| | | 4 | Very much | 23 | 12 | 1,832 | 15 | | | | | |
| | | Total | 188 | 100 | 12,649 | 100 | | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|---------------------|------------------|-------|-----|--------|-----|-------------|----------|-----|--|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| 15. About how many hours do you spend in a typical 7-day week doing the following? | | | | | | | | | | | | |
| a. Preparing for class (studying, reading, writing, doing homework or lab work, analyzing data, rehearsing, and other academic activities) | tmprephrs (Recoded version of tmprep created by NSSE. Values are estimated number of hours per week.) | 0 | 0 hrs | 0 | 0 | 42 | 0 | 18.4 | 15.6 *** | ▲ | | |
| | | 3 | 1-5 hrs | 15 | 8 | 1,498 | 12 | | | | | |
| | | 8 | 6-10 hrs | 25 | 13 | 2,784 | 22 | | | | | |
| | | 13 | 11-15 hrs | 32 | 17 | 2,550 | 20 | | | | | |
| | | 18 | 16-20 hrs | 45 | 24 | 2,280 | 17 | | | | | |
| | | 23 | 21-25 hrs | 30 | 16 | 1,492 | 11 | | | | | |
| | | 28 | 26-30 hrs | 16 | 8 | 864 | 7 | | | | | |
| | | 33 | More than 30 hrs | 27 | 14 | 1,232 | 10 | | | | | |
| Total | | | | 190 | 100 | 12,742 | 100 | | | | | |
| b. Participating in co- curricular activities (organizations, campus publications, student government, fraternity or sorority, intercollegiate or intramural sports, etc.) | tmcocurrhrs (Recoded version of tmcocurr created by NSSE. Values are estimated number of hours per week.) | 0 | 0 hrs | 24 | 13 | 3,173 | 27 | 9.4 | 6.2 *** | ▲ | | |
| | | 3 | 1-5 hrs | 65 | 34 | 4,403 | 34 | | | | | |
| | | 8 | 6-10 hrs | 36 | 19 | 2,434 | 19 | | | | | |
| | | 13 | 11-15 hrs | 21 | 11 | 1,269 | 10 | | | | | |
| | | 18 | 16-20 hrs | 20 | 11 | 711 | 6 | | | | | |
| | | 23 | 21-25 hrs | 10 | 5 | 339 | 3 | | | | | |
| | | 28 | 26-30 hrs | 5 | 3 | 147 | 1 | | | | | |
| 33 | More than 30 hrs | 9 | 5 | 197 | 2 | | | | | | | |
| Total | | | | 190 | 100 | 12,673 | 100 | | | | | |
| c. Working for pay on campus | tmworkonhrs (Recoded version of tmworkon created by NSSE. Values are estimated number of hours per week.) | 0 | 0 hrs | 81 | 43 | 7,265 | 60 | 6.0 | 5.1 | | | |
| | | 3 | 1-5 hrs | 23 | 12 | 765 | 6 | | | | | |
| | | 8 | 6-10 hrs | 39 | 20 | 1,664 | 12 | | | | | |
| | | 13 | 11-15 hrs | 27 | 14 | 1,439 | 10 | | | | | |
| | | 18 | 16-20 hrs | 17 | 9 | 916 | 7 | | | | | |
| | | 23 | 21-25 hrs | 0 | 0 | 389 | 3 | | | | | |
| | | 28 | 26-30 hrs | 1 | 1 | 150 | 1 | | | | | |
| 33 | More than 30 hrs | 2 | 1 | 125 | 1 | | | | | | | |
| Total | | | | 190 | 100 | 12,713 | 100 | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | Your seniors compared with | | |
|------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|---------------------|------------------|-------|-----|-------|--------|----------------------------|----------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Effect size ^e |
| d. Working for pay off campus | tmworkoffhrs | 0 | 0 hrs | 150 | 80 | 7,746 | 61 | 2.9 | 6.3 *** | -.36 |
| | (Recoded version of tmworkoff created by NSSE. Values are estimated number of hours per week.) | 3 | 1-5 hrs | 8 | 4 | 742 | 6 | | | |
| | | 8 | 6-10 hrs | 8 | 4 | 956 | 7 | | | |
| | | 13 | 11-15 hrs | 9 | 5 | 895 | 7 | | | |
| | | 18 | 16-20 hrs | 2 | 1 | 931 | 8 | | | |
| | | 23 | 21-25 hrs | 6 | 3 | 565 | 5 | | | |
| | | 28 | 26-30 hrs | 1 | 1 | 306 | 3 | | | |
| | | 33 | More than 30 hrs | 4 | 2 | 477 | 4 | | | |
| | | Total | | | 188 | 100 | 12,618 | 100 | | |
| Estimated number of hours working for pay | tmworkhrs | | | | | | | 8.7 | 11.3 *** | -.23 |
| | (Continuous variable created by NSSE) | | | | | | | | ▽ | |
| e. Doing community service or volunteer work | tmservicehrs | 0 | 0 hrs | 71 | 38 | 6,251 | 51 | 2.6 | 2.9 | -.06 |
| | (Recoded version of tmservice created by NSSE. Values are estimated number of hours per week.) | 3 | 1-5 hrs | 102 | 54 | 4,492 | 34 | | | |
| | | 8 | 6-10 hrs | 11 | 6 | 976 | 7 | | | |
| | | 13 | 11-15 hrs | 3 | 2 | 437 | 3 | | | |
| | | 18 | 16-20 hrs | 0 | 0 | 227 | 2 | | | |
| | | 23 | 21-25 hrs | 1 | 1 | 114 | 1 | | | |
| | | 28 | 26-30 hrs | 0 | 0 | 40 | 0 | | | |
| | | 33 | More than 30 hrs | 1 | 1 | 56 | 0 | | | |
| | | Total | | | 189 | 100 | 12,593 | 100 | | |
| f. Relaxing and socializing (time with friends, video games, TV or videos, keeping up with friends online, etc.) | tmrelaxhrs | 0 | 0 hrs | 0 | 0 | 145 | 1 | 12.2 | 12.9 | -.08 |
| | (Recoded version of tmrelax created by NSSE. Values are estimated number of hours per week.) | 3 | 1-5 hrs | 42 | 22 | 2,216 | 18 | | | |
| | | 8 | 6-10 hrs | 55 | 29 | 3,510 | 27 | | | |
| | | 13 | 11-15 hrs | 41 | 22 | 2,796 | 22 | | | |
| | | 18 | 16-20 hrs | 27 | 14 | 1,866 | 15 | | | |
| | | 23 | 21-25 hrs | 4 | 2 | 924 | 7 | | | |
| | | 28 | 26-30 hrs | 6 | 3 | 450 | 4 | | | |
| | | 33 | More than 30 hrs | 14 | 7 | 715 | 6 | | | |
| | | Total | | | 189 | 100 | 12,622 | 100 | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------|-----|--------|-----|------------|---------|------|------|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| g. Providing care for dependents (children, parents, etc.) | tmcarehrs <i>(Recorded version of tmcare created by NSSE. Values are estimated number of hours per week.)</i> | 0 | 0 hrs | 168 | 89 | 10,384 | 80 | 1.1 | 2.3 *** | ▽ | -.19 | |
| | | 3 | 1-5 hrs | 10 | 5 | 951 | 8 | | | | | |
| | | 8 | 6-10 hrs | 5 | 3 | 406 | 4 | | | | | |
| | | 13 | 11-15 hrs | 0 | 0 | 268 | 2 | | | | | |
| | | 18 | 16-20 hrs | 2 | 1 | 170 | 2 | | | | | |
| | | 23 | 21-25 hrs | 0 | 0 | 109 | 1 | | | | | |
| | | 28 | 26-30 hrs | 1 | 1 | 66 | 1 | | | | | |
| | | 33 | More than 30 hrs | 2 | 1 | 270 | 2 | | | | | |
| | Total | | | 188 | 100 | 12,624 | 100 | | | | | |
| h. Commuting to campus (driving, walking, etc.) | tmcommutehrs <i>(Recorded version of tmcommute created by NSSE. Values are estimated number of hours per week.)</i> | 0 | 0 hrs | 45 | 24 | 1,823 | 14 | 3.6 | 4.7 *** | ▽ | -.22 | |
| | | 3 | 1-5 hrs | 111 | 58 | 7,758 | 60 | | | | | |
| | | 8 | 6-10 hrs | 25 | 13 | 2,132 | 18 | | | | | |
| | | 13 | 11-15 hrs | 6 | 3 | 564 | 5 | | | | | |
| | | 18 | 16-20 hrs | 1 | 1 | 215 | 2 | | | | | |
| | | 23 | 21-25 hrs | 0 | 0 | 89 | 1 | | | | | |
| | | 28 | 26-30 hrs | 1 | 1 | 40 | 0 | | | | | |
| | | 33 | More than 30 hrs | 1 | 1 | 67 | 1 | | | | | |
| | Total | | | 190 | 100 | 12,688 | 100 | | | | | |
| 16. Of the time you spend preparing for class in a typical 7-day week, about how much is on assigned reading? | | | | | | | | | | | | |
| | reading | 1 | Very little | 36 | 19 | 2,016 | 17 | 2.8 | 2.7 | △ | .01 | |
| | | 2 | Some | 50 | 27 | 3,630 | 31 | | | | | |
| | | 3 | About half | 46 | 25 | 2,864 | 22 | | | | | |
| | | 4 | Most | 34 | 18 | 2,848 | 21 | | | | | |
| | | 5 | Almost all | 21 | 11 | 1,298 | 9 | | | | | |
| | | | Total | 187 | 100 | 12,656 | 100 | | | | | |
| | tmreadinghrs | <i>(Continuous variable created by NSSE. Calculated as a proportion of tmprephrs based on reading, where Very little=.10; Some=.25; About half=.50; Most=.75; Almost all=.90)</i> | | | | | | 8.1 | 6.9 * | △ | .19 | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|------------------------------------------------------|----------------------------|---------------------|-----------------------------|-------|-----|--------|-----|------|------|-----|--|--------------------------|
| | | | | Count | % | Count | % | Mean | Mean | | | |
| (Collapsed version of tmreadinghrs created by NSSE.) | tmreadinghrscol | 1 | 0 hrs | 0 | 0 | 41 | 0 | | | | | |
| | | 2 | More than zero, up to 5 hrs | 72 | 39 | 5,836 | 49 | | | | | |
| | | 3 | More than 5, up to 10 hrs | 68 | 36 | 3,850 | 30 | | | | | |
| | | 4 | More than 10, up to 15 hrs | 18 | 10 | 1,295 | 9 | | | | | |
| | | 5 | More than 15, up to 20 hrs | 16 | 9 | 815 | 6 | | | | | |
| | | 6 | More than 20, up to 25 hrs | 7 | 4 | 570 | 4 | | | | | |
| | | 7 | More than 25 hrs | 6 | 3 | 191 | 1 | | | | | |
| | | Total | | 187 | 100 | 12,598 | 100 | | | | | |

17. How much has your experience at this institution contributed to your knowledge, skills, and personal development in the following areas?

| | | | | | | | | | | |
|----------------------------------------------------|-----------|-------|-------------|-----|-----|--------|-----|------------|---------|------|
| a. Writing clearly and effectively | pgwrite | 1 | Very little | 21 | 11 | 862 | 7 | 2.8 | 2.9 | -.14 |
| | | 2 | Some | 43 | 23 | 2,907 | 23 | | | |
| | | 3 | Quite a bit | 75 | 40 | 4,732 | 37 | | | |
| | | 4 | Very much | 50 | 26 | 4,201 | 33 | | | |
| | | Total | | 189 | 100 | 12,702 | 100 | | | |
| b. Speaking clearly and effectively | pgspeak | 1 | Very little | 19 | 10 | 1,087 | 9 | 2.9 | 2.9 | .03 |
| | | 2 | Some | 45 | 24 | 3,093 | 25 | | | |
| | | 3 | Quite a bit | 64 | 34 | 4,648 | 36 | | | |
| | | 4 | Very much | 62 | 33 | 3,842 | 30 | | | |
| | | Total | | 190 | 100 | 12,670 | 100 | | | |
| c. Thinking critically and analytically | pgthink | 1 | Very little | 7 | 4 | 227 | 2 | 3.4 | 3.3 | .11 |
| | | 2 | Some | 12 | 6 | 1,522 | 13 | | | |
| | | 3 | Quite a bit | 66 | 34 | 4,450 | 35 | | | |
| | | 4 | Very much | 106 | 56 | 6,460 | 50 | | | |
| | | Total | | 191 | 100 | 12,659 | 100 | | | |
| d. Analyzing numerical and statistical information | pganalyze | 1 | Very little | 11 | 6 | 1,132 | 8 | 3.2 | 3.0 *** | .30 |
| | | 2 | Some | 27 | 14 | 3,103 | 24 | | | |
| | | 3 | Quite a bit | 57 | 30 | 3,959 | 31 | | | |
| | | 4 | Very much | 96 | 50 | 4,472 | 36 | | | |
| | | Total | | 191 | 100 | 12,666 | 100 | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------|--------|-------|----|------------|-------|------|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| e. Acquiring job- or work- related knowledge and skills | pgwork | 1 | Very little | 16 | 8 | 1,132 | 9 | 3.0 | 2.9 | .11 | | |
| | | 2 | Some | 40 | 21 | 3,171 | 25 | | | | | |
| | | 3 | Quite a bit | 63 | 33 | 4,180 | 33 | | | | | |
| | | 4 | Very much | 71 | 37 | 4,191 | 33 | | | | | |
| | | Total | 190 | 100 | 12,674 | 100 | | | | | | |
| f. Working effectively with others | pgothers | 1 | Very little | 10 | 5 | 587 | 5 | 3.0 | 3.0 | -.05 | | |
| | | 2 | Some | 45 | 24 | 2,775 | 23 | | | | | |
| | | 3 | Quite a bit | 74 | 39 | 4,724 | 37 | | | | | |
| | | 4 | Very much | 61 | 32 | 4,553 | 35 | | | | | |
| | | Total | 190 | 100 | 12,639 | 100 | | | | | | |
| g. Developing or clarifying a personal code of values and ethics | pgvalues | 1 | Very little | 32 | 17 | 1,720 | 15 | 2.7 | 2.7 | -.01 | | |
| | | 2 | Some | 53 | 28 | 3,636 | 29 | | | | | |
| | | 3 | Quite a bit | 52 | 27 | 4,029 | 31 | | | | | |
| | | 4 | Very much | 54 | 28 | 3,277 | 25 | | | | | |
| | | Total | 191 | 100 | 12,662 | 100 | | | | | | |
| h. Understanding people of other backgrounds (economic, racial/ethnic, political, religious, nationality, etc.) | pgdiverse | 1 | Very little | 27 | 14 | 1,271 | 10 | 2.8 | 2.8 | -.03 | | |
| | | 2 | Some | 44 | 23 | 3,638 | 29 | | | | | |
| | | 3 | Quite a bit | 69 | 36 | 4,198 | 33 | | | | | |
| | | 4 | Very much | 51 | 27 | 3,560 | 28 | | | | | |
| | | Total | 191 | 100 | 12,667 | 100 | | | | | | |
| i. Solving complex real- world problems | pgprobsolve | 1 | Very little | 13 | 7 | 1,137 | 9 | 3.0 | 2.8 * | .14 | | |
| | | 2 | Some | 44 | 23 | 3,469 | 27 | | | | | |
| | | 3 | Quite a bit | 71 | 37 | 4,386 | 34 | | | | | |
| | | 4 | Very much | 63 | 33 | 3,674 | 29 | | | | | |
| | | Total | 191 | 100 | 12,666 | 100 | | | | | | |
| j. Being an informed and active citizen | pgcitizen | 1 | Very little | 41 | 22 | 1,722 | 15 | 2.5 | 2.6 | -.13 | | |
| | | 2 | Some | 51 | 27 | 4,019 | 32 | | | | | |
| | | 3 | Quite a bit | 64 | 34 | 4,052 | 31 | | | | | |
| | | 4 | Very much | 34 | 18 | 2,841 | 22 | | | | | |
| | | Total | 190 | 100 | 12,634 | 100 | | | | | | |

Seniors

Frequency Distributions^a

Statistical Comparisons^b

Your seniors compared with

| Item wording or description | Variable name ^c | Values ^d | Response options | CWRU | | AAU | | CWRU | | AAU | | Effect size ^e |
|-------------------------------------------------------------------------------------------------------|-------------------------------|---------------------|------------------|-------|-----|--------|-----|------|-------|------|------|-----------------------------|
| | | | | Count | % | Count | % | Mean | Mean | Mean | Mean | |
| 18. How would you evaluate your entire educational experience at this institution? | | | | | | | | | | | | |
| | evalexp | 1 | Poor | 5 | 3 | 211 | 2 | 3.3 | 3.3 | .04 | | |
| | | 2 | Fair | 23 | 12 | 1,247 | 10 | | | | | |
| | | 3 | Good | 69 | 36 | 5,679 | 45 | | | | | |
| | | 4 | Excellent | 92 | 49 | 5,583 | 43 | | | | | |
| | | Total | | 189 | 100 | 12,720 | 100 | | | | | |
| 19. If you could start over again, would you go to the same institution you are now attending? | | | | | | | | | | | | |
| | sameinst | 1 | Definitely no | 11 | 6 | 423 | 4 | 3.2 | 3.3 * | -.16 | | |
| | | 2 | Probably no | 26 | 14 | 1,443 | 11 | | | | | |
| | | 3 | Probably yes | 74 | 39 | 4,865 | 38 | | | | | |
| | | 4 | Definitely yes | 77 | 41 | 5,996 | 47 | | | | | |
| | | Total | | 188 | 100 | 12,727 | 100 | | | | | |